

**Hornos Mixtos a Gas con Caldera  
Fours Mixtes à Gaz avec Chaudière  
Gas Combi Ovens with Steam Generator  
Gas-HeiBluftdämpfer  
Forni Misti con Boiler a Gas**

**Modelos:**

**HVG-10/11**

**HVG-10/21**

**HVG-2.10/11**

**HVG-10/11 UL**

**HVG-10/21 UL**

**MFHVG-10/11**

**MFHVG-10/21**

**VGT-10/11**

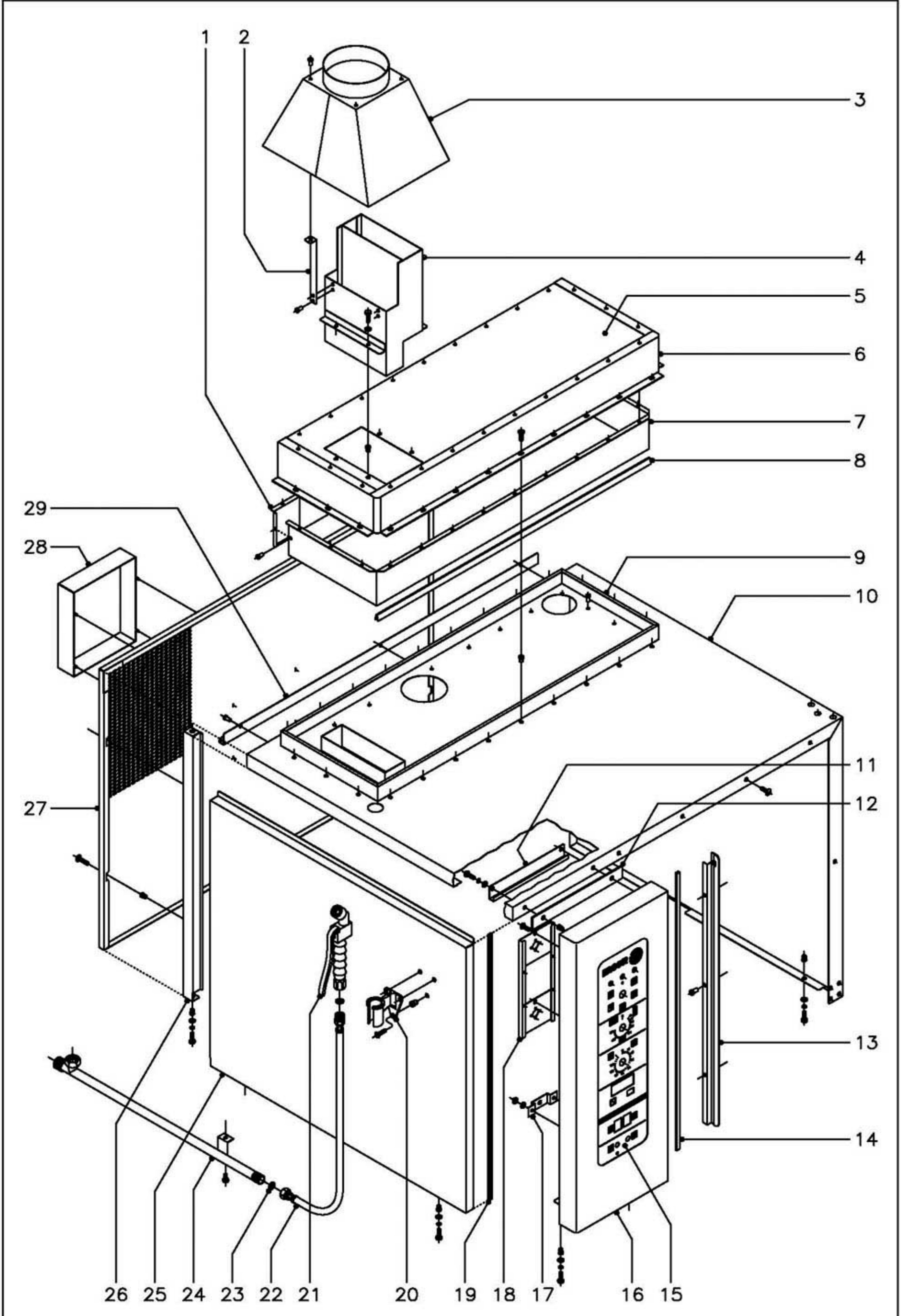
**VGT-10/21**

*Marzo 2003 March*

**FAGOR**



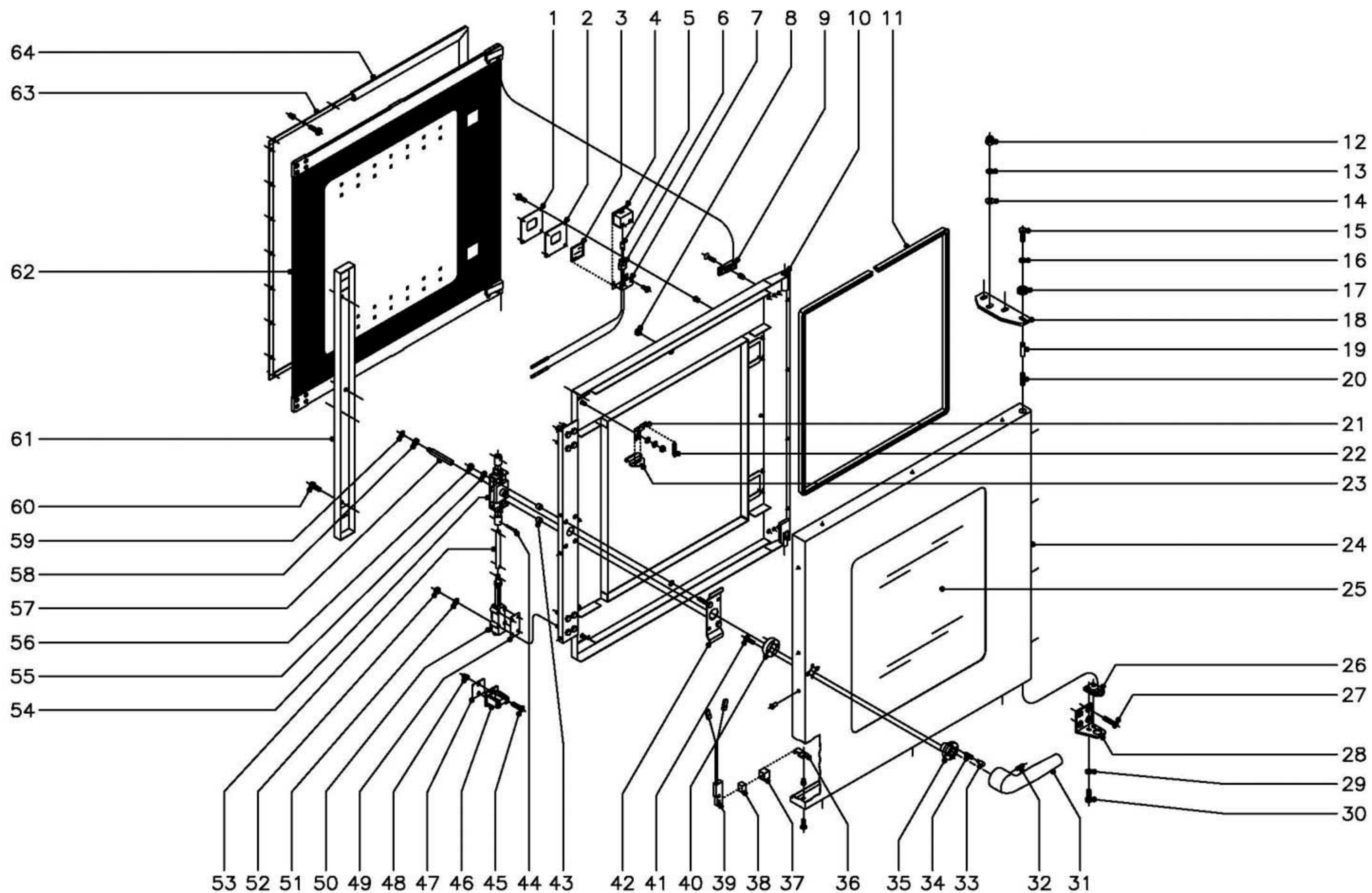
**Fagor Industrial**



| MOD. HORNOS A GAS HVG ZONA MUEBLE PLANO C-1305 |         |                              |       |           |           |              |              |             |             |  |  |  |       |
|------------------------------------------------|---------|------------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|-------|
| ITEM                                           | CODIGO  | DENOMINACION                 | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS |
| 1                                              | T112809 | Posterior de camara colector |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 1                                              | T122810 | Posterior de camara colector |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                | Q412002 | Remache tubular Ø4x7,5       |       | 11        | 12        | 11           | 12           | 11          | 12          |  |  |  |       |
| 2                                              | T112815 | Soporte chimenea             |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
|                                                | Q412002 | Remache tubular Ø4x7,5       |       | 12        | 12        | 12           | 12           | 12          | 12          |  |  |  |       |
| 3                                              | T122820 | Chimenea exterior completa   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 4                                              | T122816 | Salida de colector copleta   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                | Q221342 | Remache exagonal M-5         |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
|                                                | Q232030 | Arandela plana A-5           |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
|                                                | Q012031 | Tornillo exagonal M-5x10     |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 5                                              | T112805 | Posterior de colector        |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 5                                              | T122808 | Posterior de colector        |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 6                                              | T112806 | Anterior de colector         |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 6                                              | T122807 | Anterior de colector         |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                | Q221342 | Remache exagonal M-5         |       | 24        | 26        | 24           | 26           | 24          | 26          |  |  |  |       |
|                                                | Q152004 | Tornillo aplastado M-5x13    |       | 24        | 26        | 24           | 26           | 24          | 26          |  |  |  |       |
| 7                                              | T112808 | Anterior de camara colector  |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 7                                              | T122809 | Anterior de camara colector  |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                | Q412002 | Remache tubular Ø4x7,5       |       | 15        | 16        | 15           | 16           | 15          | 16          |  |  |  |       |
| 8                                              | 3715200 | Junta de estanqueidad L=2500 |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 8                                              | 3715200 | Junta de estanqueidad L=2800 |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 9                                              | T112822 | Bandeja de colector completa |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 9                                              | T122814 | Bandeja de colector completa |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                | Q412002 | Remache tubular Ø4x7,5       |       | 20        | 22        | 20           | 22           | 20          | 22          |  |  |  |       |
| 10                                             | T112842 | Cuerpo exterior de horno     |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 10                                             | T122821 | Cuerpo exterior de horno     |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                | Q221343 | Remache exagonal M-6         |       | 17        | 17        | 17           | 17           | 17          | 17          |  |  |  |       |
|                                                | Q232040 | Arandela plana A-6           |       | 25        | 25        | 25           | 25           | 25          | 25          |  |  |  |       |
|                                                | Q262040 | Arandela muelle A-6          |       | 25        | 25        | 25           | 25           | 25          | 25          |  |  |  |       |

| MOD. HORNOS A GAS HVG ZONA MUEBLE PLANO C-1305 |         |                                   |       |           |           |              |              |             |             |  |  |  |                  |
|------------------------------------------------|---------|-----------------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|------------------|
| ITEM                                           | CODIGO  | DENOMINACION                      | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS            |
|                                                | Q012042 | Tornillo exagonal M-6x15          |       | 25        | 25        | 25           | 25           | 25          | 25          |  |  |  |                  |
|                                                | Q152017 | Tornillo amarre M-6x13            |       | 5         | 5         | 5            | 5            | 5           | 5           |  |  |  |                  |
| 11                                             | T112821 | Canaleta portamandos              |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
| 12                                             | T132823 | Junta superior de portamandos     |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
| 13                                             | T112652 | Protector de portamandos          |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
|                                                | Q412002 | Remache tubular Ø4x7,5            |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |                  |
| 14                                             | 3715400 | Junta panel portamandos L=770     |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
| 15                                             | T113014 | Serigrafia portamandos HVG        |       | 1         | 1         | -            | -            | -           | -           |  |  |  |                  |
| 15                                             | T113034 | Serigrafia portamandos HVG ( UL ) |       | -         | -         | 1            | 1            | -           | -           |  |  |  |                  |
| 15                                             | T123011 | Serigrafia portamandos MFHVG      |       | -         | -         | -            | -            | 1           | 1           |  |  |  |                  |
| 16                                             | T112845 | Panel portamandos                 |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
|                                                | Q221343 | Remache exagonal M-6              |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |                  |
|                                                | Q232040 | Arandela plana A-6                |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |                  |
|                                                | Q262040 | Arandela muelle A-6               |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |                  |
|                                                | Q012042 | Tornillo exagonal M-6x15          |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |                  |
| 17                                             | Z952911 | Soporte limitador aviso           |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
|                                                | Q242030 | Arandela abanico A-5              |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |                  |
|                                                | Q162030 | Tuerca exagonal M-5               |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |                  |
| 18                                             | T112812 | Soporte componentes               |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
|                                                | Q152004 | Tornillo aplastado M-5x13         |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |                  |
| 19                                             | 3715400 | Junta panel portamandos L=770     |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  | En panel lateral |
| 20                                             | R095007 | Soporte de ducha                  |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
|                                                | Q221342 | Remache exagonal M-4              |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |                  |
|                                                | Q042022 | Tornillo avellanado M-4x15        |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |                  |
| 21                                             | R095005 | Cuerpo de ducha                   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
| 22                                             | R095006 | Flexible de ducha                 |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |                  |
| 23                                             | -       | Arandela junta (con cuerpo ducha) |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |                  |
| 24                                             | R675002 | Suplemento ducha                  |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |                  |
| 24                                             | R685003 | Suplemento ducha                  |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |                  |

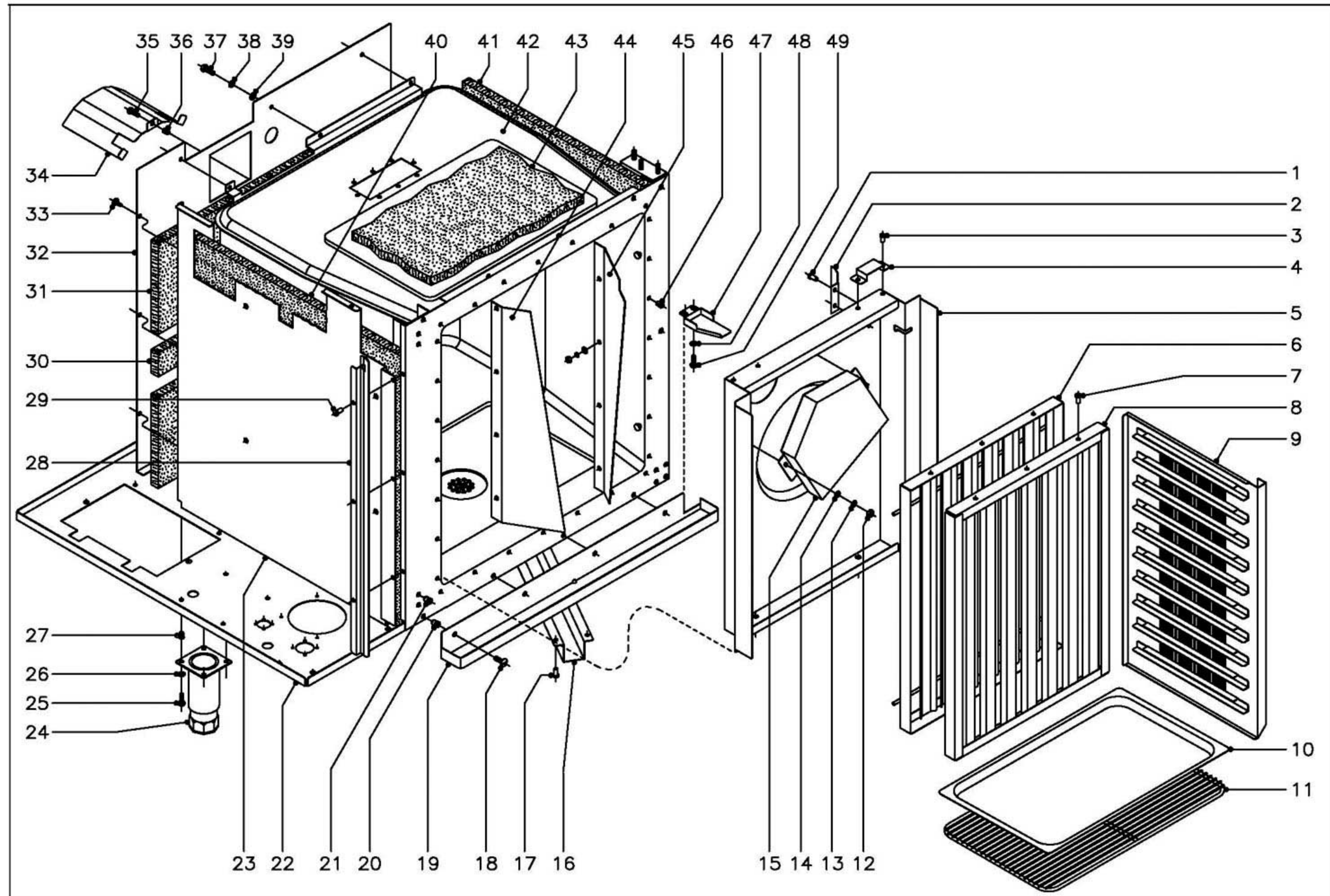
| MOD. HORNOS A GAS HVG ZONA MUEBLE PLANO C-1305 |         |                          |       |           |           |              |              |             |             |  |  |  |       |
|------------------------------------------------|---------|--------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|-------|
| ITEM                                           | CODIGO  | DENOMINACION             | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS |
|                                                | Q012042 | Tornillo exagonal M-6x15 |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 25                                             | T112817 | Panel lateral anterior   |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 25                                             | T122805 | Panel lateral anterior   |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                | Q221343 | Remache exagonal M-6     |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                | Q232040 | Arandela plana A-6       |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                | Q262040 | Arandela muelle A-6      |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                | Q012042 | Tornillo exagonal M-6x15 |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 26                                             | T112818 | Panel lateral posterior  |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                | Q221343 | Remache exagonal M-6     |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                | Q232040 | Arandela plana A-6       |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                | Q262040 | Arandela muelle A-6      |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                | Q012042 | Tornillo exagonal M-6x15 |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 27                                             | T112803 | Panel posterior exterior |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 27                                             | T122802 | Panel posterior exterior |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                | Q221342 | Remache exagonal M-5     |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
|                                                | Q152038 | Tornillo amarre M-5x30   |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 28                                             | T082808 | Tapa de separacion       |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 29                                             | T112819 | Protector superior       |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 29                                             | T122813 | Protector superior       |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                | Q412002 | Remache tubular Ø4x7,5   |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |       |
|                                                |         |                          |       |           |           |              |              |             |             |  |  |  |       |
|                                                |         |                          |       |           |           |              |              |             |             |  |  |  |       |
|                                                |         |                          |       |           |           |              |              |             |             |  |  |  |       |
|                                                |         |                          |       |           |           |              |              |             |             |  |  |  |       |
|                                                |         |                          |       |           |           |              |              |             |             |  |  |  |       |
|                                                |         |                          |       |           |           |              |              |             |             |  |  |  |       |
|                                                |         |                          |       |           |           |              |              |             |             |  |  |  |       |
|                                                |         |                          |       |           |           |              |              |             |             |  |  |  |       |



| <div> <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>PUERTA</div> <div>PLANO</div> <div>C-1306</div> </div> |            |                             |       |           |           |              |              |             |             |  |  |  |       |
|-------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|-------|
| ITEM                                                                                                                          | CODIGO     | DENOMINACION                | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS |
|                                                                                                                               | 1100002595 | KIT Puerta completa 10/11   |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
|                                                                                                                               | 1100002596 | KIT Puerta completa 10/21   |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                                                                                               |            |                             |       |           |           |              |              |             |             |  |  |  |       |
| 1                                                                                                                             | R670608    | Tapa cierre lampara         |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                               | Q032021    | Tornillo alomado M-4x10     |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |  |       |
|                                                                                                                               | Q222041    | Remache exagonal M-4        |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |  |       |
| 2                                                                                                                             | R670609    | Junta cierre lampara        |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 3                                                                                                                             | R670618    | Cristal de lampara          |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 4                                                                                                                             | R670610    | Deflector de lampara        |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 5                                                                                                                             | R663013    | Lampara 10 W. 12 V.         |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 6                                                                                                                             | R663058    | Portalamparas               |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 7                                                                                                                             | R670611    | Suplemento deflector        |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                               | Q042031    | Tornillo avellanado M-5x10  |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 8                                                                                                                             | R670617    | Tope cristal interior       |       | 6         | 6         | 6            | 6            | 6           | 6           |  |  |  |       |
| 9                                                                                                                             | R670615    | Base de bisagra             |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                               | Q042032    | Tornillo avellanado M-5x15  |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                               | Q222011    | Remache exagonal M-5        |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 10                                                                                                                            | T110500    | Contrapuerta completa 10/11 |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 10                                                                                                                            | T120500    | Contrapuerta completa 10/21 |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 11                                                                                                                            | 3715200    | Junta cristal L=2000        |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 11                                                                                                                            | 3715200    | Junta cristal L=2300        |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 12                                                                                                                            | Q212051    | Tuerca sombrerete M-8       |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |       |
| 13                                                                                                                            | Q265050    | Arandela muelle A-8         |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |       |
| 14                                                                                                                            | Q302025    | Arandela plana Ø8,4xØ20x1,5 |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |       |
| 15                                                                                                                            | Q012042    | Tornillo exagonal M-6x15    |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 16                                                                                                                            | Q242040    | Arandela abanico A-6        |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 17                                                                                                                            | R662807    | Arandela amarre puerta      |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 18                                                                                                                            | T130500    | Bisagra superior            |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 19                                                                                                                            | R660534    | Eje superior                |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |

| <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>PUERTA</div> <div>PLANO</div> <div>C-1306</div> |         |                                    |       |           |           |              |              |             |             |  |  |  |       |
|------------------------------------------------------------------------------------------------------------------|---------|------------------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|-------|
| ITEM                                                                                                             | CODIGO  | DENOMINACION                       | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS |
| 20                                                                                                               | Z850519 | Resorte                            |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 21                                                                                                               | R670612 | Base de pestillo                   |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                  | Q302022 | Arandela plana Ø16xØ6x1,2          |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                  | Q242040 | Arandela abanico A-6               |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                  | Q162040 | Tuerca exagonal M-6                |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 22                                                                                                               | R660605 | Muelle tensor pestillo             |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 23                                                                                                               | R670613 | Pestillo sujecion cristal interior |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 24                                                                                                               | R670600 | Panel puerta 10/11                 |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 24                                                                                                               | R680600 | Panel puerta 10/21                 |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
|                                                                                                                  | Q412002 | Remache tubular Ø4x7,5             |       | 14        | 14        | 14           | 14           | 14          | 14          |  |  |  |       |
| 25                                                                                                               | R670625 | Cristal exterior 10/11             |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 25                                                                                                               | R680609 | Cristal exterior 10/21             |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 26                                                                                                               | R660549 | Guia eje inferior                  |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 27                                                                                                               | Q062040 | Tornillo avellanado M-6x16         |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 28                                                                                                               | R660551 | Bisagra inferior                   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 29                                                                                                               | Q242040 | Arandela abanico A-6               |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 30                                                                                                               | Q012041 | Tornillo exagonal M-6x10           |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 31                                                                                                               | T130502 | Manilla                            |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 32                                                                                                               | Q132042 | Varilla roscada M-6x15             |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 33                                                                                                               | T130507 | Piton enganche                     |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 34                                                                                                               | T130506 | Resorte                            |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 35                                                                                                               | T130515 | Guia manilla                       |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 36                                                                                                               | T130513 | Soporte iman                       |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 37                                                                                                               | Z200507 | Protector iman                     |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 38                                                                                                               | Z200506 | Iman                               |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 39                                                                                                               | Z100522 | Interruptor magnetico              |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 40                                                                                                               | T130514 | Soporte resortes                   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 41                                                                                                               | Q032032 | Tornillo alomado M-5x15            |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 42                                                                                                               | T130511 | Suplemento fijacion cerradura      |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |

| MOD. HORNOS A GAS HVG |            |                                     |       |           |           |              |              |             |             |  |  |        |       |
|-----------------------|------------|-------------------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--------|-------|
| MOD.                  |            | HORNOS A GAS HVG                    |       | ZONA      |           | PUERTA       |              |             |             |  |  | PLANO  |       |
|                       |            |                                     |       |           |           |              |              |             |             |  |  | C-1306 |       |
| ITEM                  | CODIGO     | DENOMINACION                        | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |        | NOTAS |
| 43                    | Z608410    | Casquillo                           |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |        |       |
| 44                    | Q352001    | Pasador de aletas Ø2x15             |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |        |       |
| 45                    | Q042043    | Tornillo avellanado M-6x20          |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |        |       |
| 46                    | R260545    | Enganche                            |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |        |       |
| 47                    | R660538    | Calzo de enganche                   |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |        |       |
| 48                    | Q221343    | Remache exagonal M-6                |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |        |       |
| 49                    | T080503    | Suplemento elemento cierre          |       | 6         | 6         | 6            | 6            | 6           | 6           |  |  |        |       |
| 50                    | T080504    | Elemento de cierre                  |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |        |       |
| 51                    | Q262040    | Arandela muelle A-6                 |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |        |       |
| 52                    | Q162040    | Tuerca exagonal M-6                 |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |        |       |
| 53                    | R020502    | Tubo alargadera                     |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |        |       |
| 54                    | T130509    | Mecanismo de cierre                 |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |        |       |
| 55                    | Q262040    | Arandela muelle A-6                 |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |        |       |
| 56                    | Q162040    | Tuerca exagonal M-6                 |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |        |       |
| 57                    | T130508    | Eje de manilla                      |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |        |       |
| 58                    | T130505    | Casquillo                           |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |        |       |
| 59                    | Q271033    | Arandela de seguridad Ø6            |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |        |       |
| 60                    | Q032031    | Tornillo alomado M-5x10             |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |        |       |
| 60                    | Q032021    | Tornillo alomado M-4x10             |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |        |       |
| 61                    | T110502    | Tapa cierre puerta                  |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |        |       |
| 62                    | 1100002807 | KIT Cristal interior completo 10/11 |       | 1         | -         | 1            | -            | 1           | -           |  |  |        |       |
| 62                    | 1100002808 | KIT Cristal interior completo 10/21 |       | -         | 1         | -            | 1            | -           | 1           |  |  |        |       |
| 63                    | R670513    | Fijacion junta completa 10/11       |       | 1         | -         | 1            | -            | 1           | -           |  |  |        |       |
| 63                    | R680511    | Fijacion junta completa 10/21       |       | -         | 1         | -            | 1            | -           | 1           |  |  |        |       |
|                       | Q033021    | Tornillo alomado M-4x10 ( laton )   |       | 28        | 28        | 28           | 28           | 28          | 28          |  |  |        |       |
|                       | Q222041    | Remache exagonal M-4 inox.          |       | 28        | 28        | 28           | 28           | 28          | 28          |  |  |        |       |
| 64                    | R670500    | Junta de puerta 10/11               |       | 1         | -         | 1            | -            | 1           | -           |  |  |        |       |
| 64                    | R680500    | Junta de puerta 10/21               |       | -         | 1         | -            | 1            | -           | 1           |  |  |        |       |
|                       |            |                                     |       |           |           |              |              |             |             |  |  |        |       |

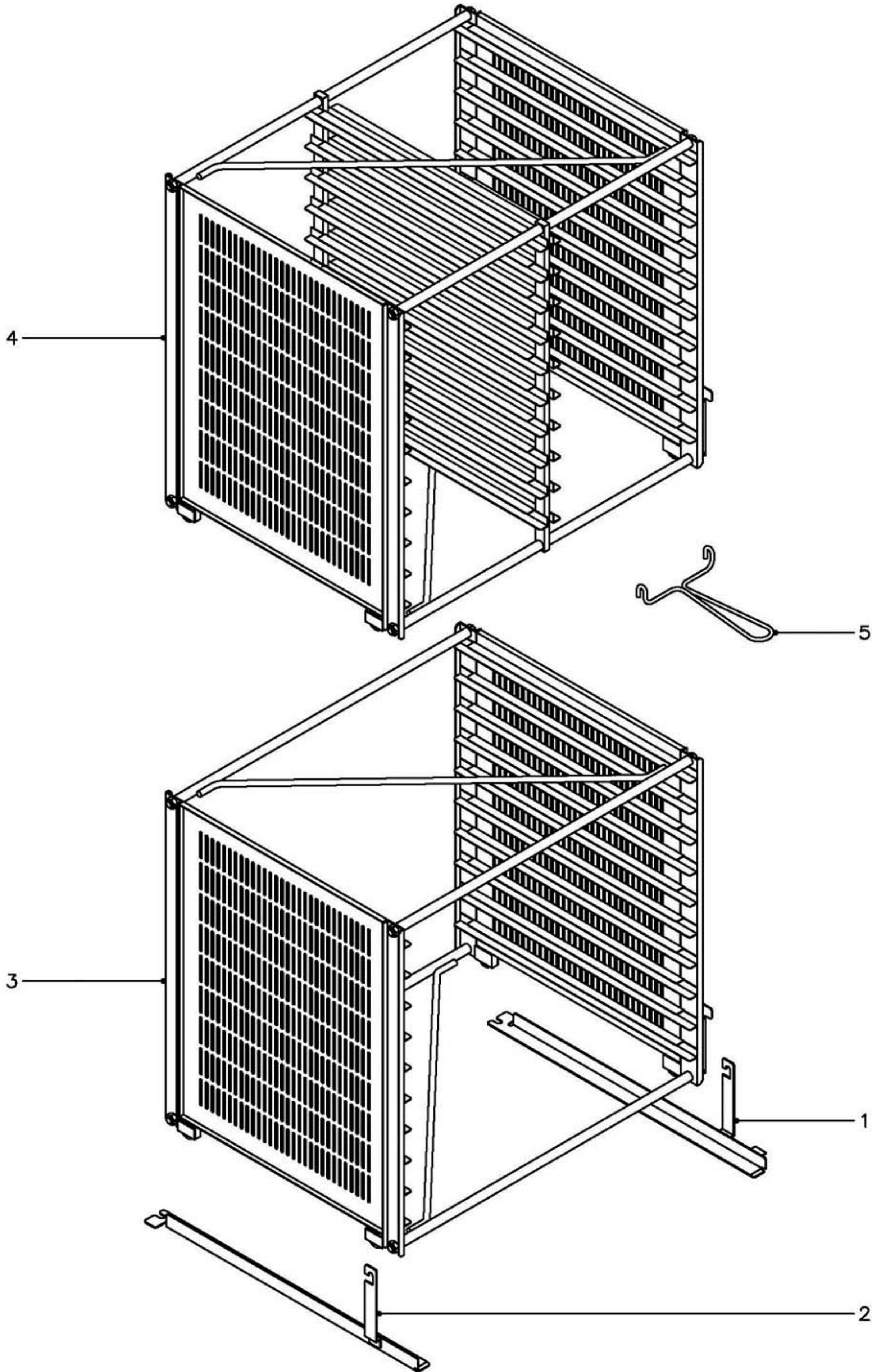


|         |                                                                                     |         |                                |                 |        |                                       |
|---------|-------------------------------------------------------------------------------------|---------|--------------------------------|-----------------|--------|---------------------------------------|
| N plano | Firma                                                                               | Fecha   | Aparato                        | MUEBLE INTERIOR | Lamina | Fagor Industrial S.Coop. <b>FAGOR</b> |
| C-1307  |  | 03-2003 | HORNOS A GAS HVG-10/11 Y 10/21 | 3               | Oñate  |                                       |

| MOD. |         | HORNOS A GAS HVG                  |       | ZONA      | MUEBLE INTERIOR |              |              |             |             |  | PLANO | C-1307                  |       |
|------|---------|-----------------------------------|-------|-----------|-----------------|--------------|--------------|-------------|-------------|--|-------|-------------------------|-------|
| ITEM | CODIGO  | DENOMINACION                      | TEXTO | HVG-10/11 | HVG-10/21       | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |       |                         | NOTAS |
| 1    | Q412002 | Remache tubular Ø4x7,5            |       | 4         | 4               | 4            | 4            | 4           | 4           |  |       |                         |       |
| 2    | R292647 | Escuadra sujecion cubreventilador |       | 2         | 2               | 2            | 2            | 2           | 2           |  |       |                         |       |
| 3    | Q412002 | Remache tubular Ø4x7,5            |       | 4         | 4               | 4            | 4            | 4           | 4           |  |       |                         |       |
| 4    | T122613 | Apoyo cubreventilador             |       | 2         | 2               | 2            | 2            | 2           | 2           |  |       |                         |       |
| 5    | T112620 | Cubreventilador 10/11             |       | 1         | -               | 1            | -            | 1           | -           |  |       |                         |       |
| 5    | T122652 | Cubreventilador 10/21             |       | -         | 1               | -            | 1            | -           | 1           |  |       |                         |       |
| 6    | R092621 | Posterior de filtro               |       | 1         | 1               | 1            | 1            | 1           | 1           |  |       |                         |       |
| 7    | Q412002 | Remache tubular Ø4x7,5            |       | 6         | 6               | 6            | 6            | 6           | 6           |  |       |                         |       |
| 8    | R092618 | Anterior de filtro                |       | 1         | 1               | 1            | 1            | 1           | 1           |  |       |                         |       |
| 9    | T112615 | Guia de bandejas derecha 10/11    |       | 1         | -               | 1            | -            | 1           | -           |  |       |                         |       |
| 9    | T122614 | Guia de bandejas derecha 10/21    |       | -         | 1               | -            | -            | -           | -           |  |       |                         |       |
| s/n  | T112617 | Guia de bandejas izquierda 10/11  |       | 1         | -               | 1            | -            | 1           | -           |  |       |                         |       |
| s/n  | T122616 | Guia de bandejas izquierda 10/21  |       | -         | 1               | -            | -            | -           | -           |  |       |                         |       |
| 9    | R682640 | Guia de bandejas (UL y MF) 10/21  |       | -         | -               | -            | 2            | -           | 2           |  |       | ( Derecha e izquierda ) |       |
| 10   | R252816 | Bandeja 1/1 ( 530x325x20 )        |       | 1         | -               | -            | -            | -           | -           |  |       |                         |       |
| 10   | R032605 | Bandeja 2/1 ( 530x650x40 )        |       | -         | 1               | -            | -            | -           | -           |  |       |                         |       |
| 11   | R672665 | Parrilla 1/1                      |       | 1         | -               | 5            | -            | 5           | -           |  |       |                         |       |
| 11   | R682676 | Parrilla 2/1                      |       | -         | 1               | -            | -            | -           | -           |  |       |                         |       |
| 11   | R682641 | Parrilla 2/1 ( UL y MF )          |       | -         | -               | -            | 5            | -           | 5           |  |       |                         |       |
| 12   | Q162030 | Tuerca exagonal M-5               |       | 2         | 2               | 2            | 2            | 2           | 2           |  |       |                         |       |
| 13   | Q242030 | Arandela abanico A-5              |       | 2         | 2               | 2            | 2            | 2           | 2           |  |       |                         |       |
| 14   | Q232030 | Arandela plana A-5                |       | 2         | 2               | 2            | 2            | 2           | 2           |  |       |                         |       |
| 15   | T112610 | Conduccion de humos               |       | 1         | 1               | 1            | 1            | 1           | 1           |  |       |                         |       |
| 16   | R672804 | Cubredesagüe                      |       | 1         | -               | 1            | -            | 1           | -           |  |       |                         |       |
| 16   | R682805 | Cubredesagüe                      |       | -         | 1               | -            | 1            | -           | 1           |  |       |                         |       |
| 17   | Q412002 | Remache tubular Ø4x7,5            |       | 8         | 8               | 8            | 8            | 8           | 8           |  |       |                         |       |
| 18   | Q152017 | Tornillo amarre M-6x13            |       | 4         | 4               | 4            | 4            | 4           | 4           |  |       |                         |       |
| 19   | T112813 | Recogeaguas                       |       | 1         | -               | 1            | -            | 1           | -           |  |       |                         |       |
| 19   | T122811 | Recogeaguas                       |       | -         | 1               | -            | 1            | -           | 1           |  |       |                         |       |

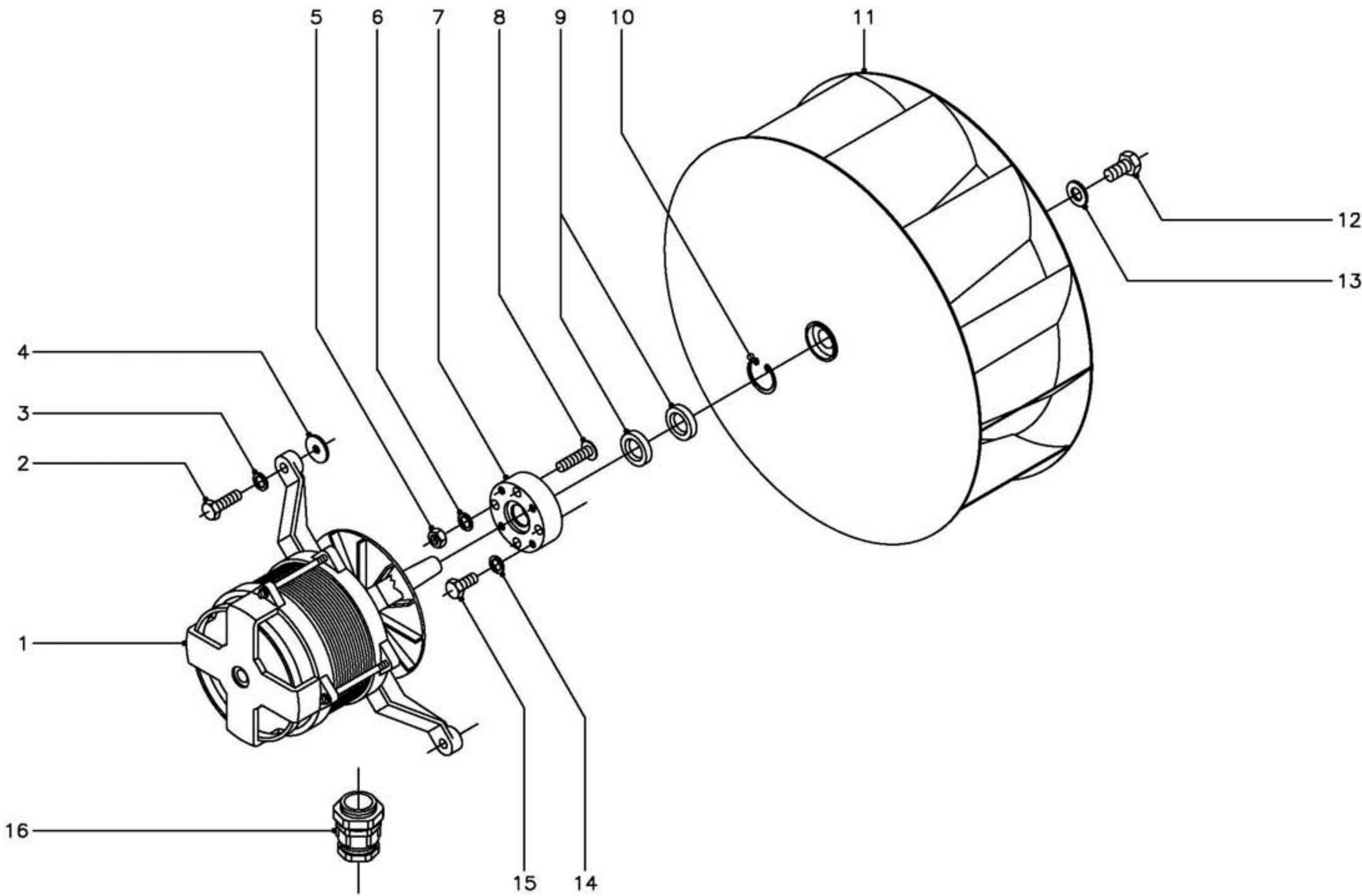
| <div> <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>MUEBLE INTERIOR</div> <div>PLANO</div> <div>C-1307</div> </div> |         |                               |       |           |           |              |              |             |             |  |  |  |       |
|----------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|-------|
| ITEM                                                                                                                                   | CODIGO  | DENOMINACION                  | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS |
| 20                                                                                                                                     | Q221343 | Remache exagonal M-6          |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 21                                                                                                                                     | Q221343 | Remache exagonal M-6          |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 22                                                                                                                                     | T112800 | Base exterior de horno        |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 22                                                                                                                                     | T122800 | Base exterior de horno        |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 23                                                                                                                                     | T112624 | Soporte lateral aislante      |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 23                                                                                                                                     | T122619 | Soporte lateral aislante      |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 24                                                                                                                                     | X260151 | Pata regulable                |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 25                                                                                                                                     | Q012031 | Tornillo exagonal M-5x10      |       | 16        | 16        | 16           | 16           | 16          | 16          |  |  |  |       |
| 26                                                                                                                                     | Q242030 | Arandela abanico A-5          |       | 16        | 16        | 16           | 16           | 16          | 16          |  |  |  |       |
| 27                                                                                                                                     | Q221342 | Remache exagonal M-5          |       | 16        | 16        | 16           | 16           | 16          | 16          |  |  |  |       |
| 28                                                                                                                                     | T112652 | Protector portamandos         |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 29                                                                                                                                     | Q412002 | Remache tubular Ø4x7,5        |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |       |
| 30                                                                                                                                     | R662616 | Aislante posterior 560x60x20  |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 31                                                                                                                                     | R672631 | Aislante posterior 670x230x20 |       | 2         | -         | 2            | -            | 2           | -           |  |  |  |       |
| 31                                                                                                                                     | R032625 | Aislante posterior 760x230x20 |       | -         | 2         | -            | 2            | -           | 2           |  |  |  |       |
| 32                                                                                                                                     | T112631 | Soporte aislante posterior    |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 32                                                                                                                                     | T122604 | Soporte aislante posterior    |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 33                                                                                                                                     | Q151301 | Tornillo alomado              |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |       |
| 34                                                                                                                                     | R142628 | Tejadillo motor turbina       |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| s/n                                                                                                                                    | R142614 | Tejadillo ventilador soplante |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 35                                                                                                                                     | Q012042 | Tornillo exagonal M-6x15      |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |       |
| 36                                                                                                                                     | Q221343 | Remache exagonal M-6          |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 37                                                                                                                                     | Q012042 | Tornillo exagonal M-6x15      |       | 12        | 12        | 12           | 12           | 12          | 12          |  |  |  |       |
| 38                                                                                                                                     | Q262040 | Arandela muelle A-6           |       | 12        | 12        | 12           | 12           | 12          | 12          |  |  |  |       |
| 39                                                                                                                                     | Q232040 | Arandela plana A-6            |       | 12        | 12        | 12           | 12           | 12          | 12          |  |  |  |       |
| 40                                                                                                                                     | R672630 | Aislante lateral 770x650x20   |       | 3         | -         | 3            | -            | 3           | -           |  |  |  |       |
| 40                                                                                                                                     | R682623 | Aislante lateral 860x790x20   |       | -         | 3         | -            | 3            | -           | 3           |  |  |  |       |
| 41                                                                                                                                     | R672630 | Aislante lateral 770x650x20   |       | 2         | -         | 2            | -            | 2           | -           |  |  |  |       |
| 41                                                                                                                                     | R682623 | Aislante lateral 860x790x20   |       | -         | 2         | -            | 2            | -           | 2           |  |  |  |       |



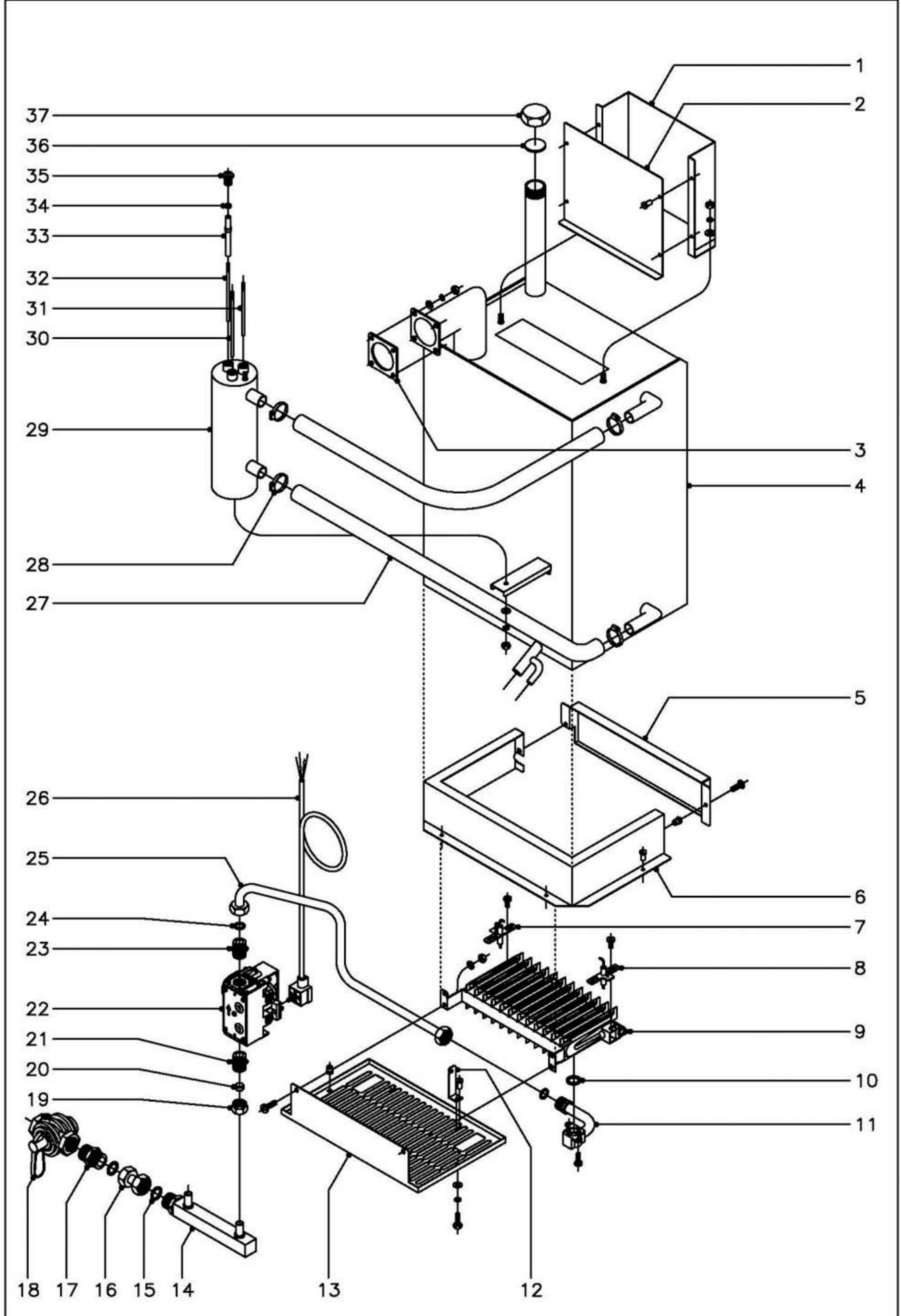


|         |                                                                                     |         |                                      |                            |        |                                       |
|---------|-------------------------------------------------------------------------------------|---------|--------------------------------------|----------------------------|--------|---------------------------------------|
| N plano | Firma                                                                               | Fecha   | Aparato                              | EXSTRUCTURAS PORTABANDEJAS | Lamina | Fagor Industrial S.Coop. <b>FAGOR</b> |
| C-1308  |  | 03-2003 | HORNOS A GAS HVG-10/11,10/21,2-10/11 |                            | 4      | Onate                                 |





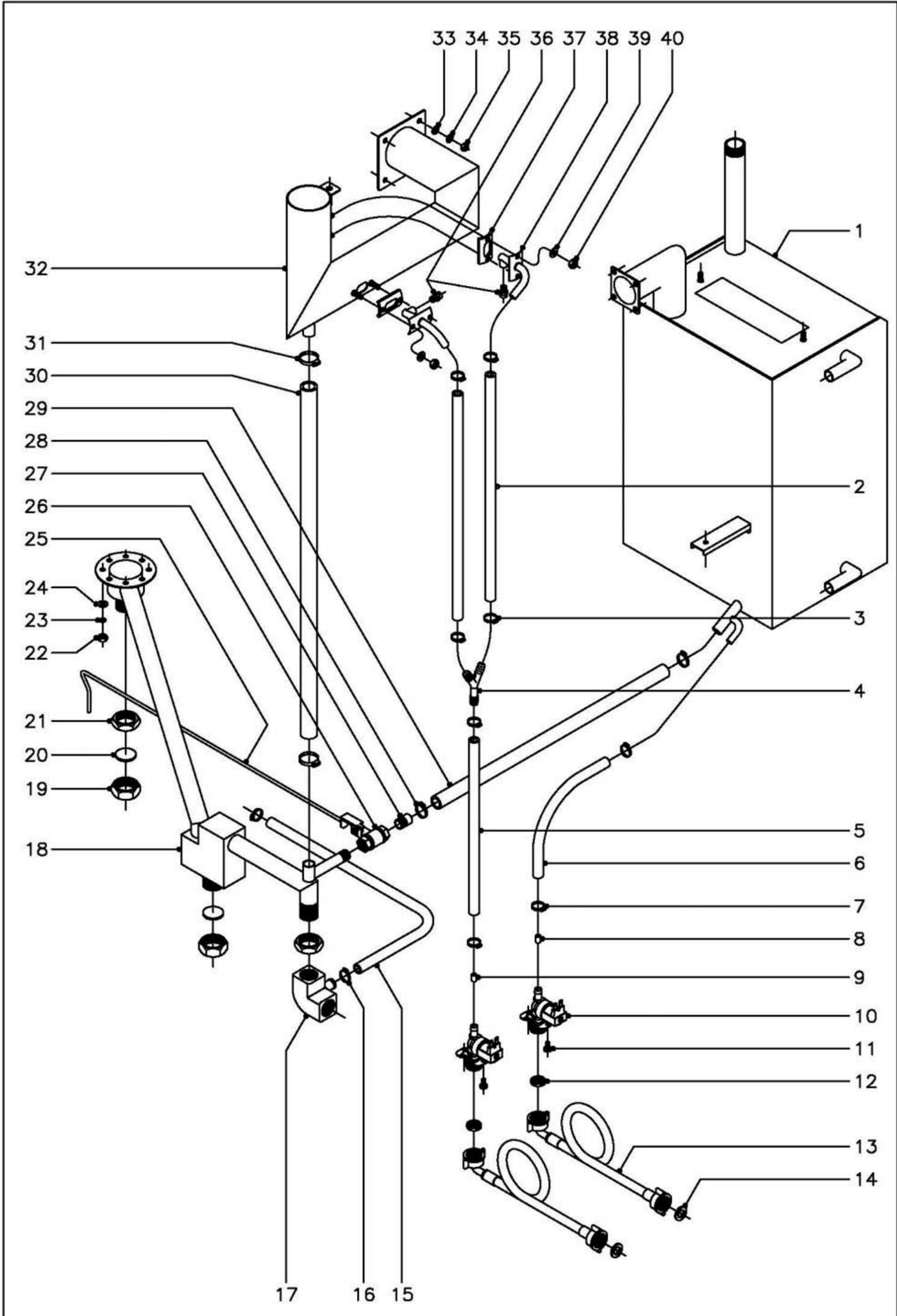




| <div> <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>GENERADOR DE VAPOR</div> <div>PLANO</div> <div>C-1310</div> </div> |         |                                      |       |           |           |              |              |             |             |  |  |  |       |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|-------|
| ITEM                                                                                                                                      | CODIGO  | DENOMINACION                         | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS |
| 1                                                                                                                                         | T115009 | Anterior de chimenea generador       |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | T115041 | Aislante anterior de chimenea        |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | Q302022 | Arandela plana Ø16xØ6x1,2            |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                                           | Q262030 | Arandela muelle A-5                  |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                                           | Q162030 | Tuerca exagonal M-5                  |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 2                                                                                                                                         | T115010 | Posterior de chimenea generador      |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | T115066 | Aislante posterior de chimenea       |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | Q412002 | Remache tubular Ø4x7,5               |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 3                                                                                                                                         | T115037 | Junta entrada vapor                  |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 4                                                                                                                                         | T115000 | Generador de vapor                   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | T115039 | Aislante anterior generador          |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | T115040 | Aislante posterior generador         |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | T115064 | Aislante lateral izquierdo generador |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | T135043 | Aislante lateral derecho generador   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | T115065 | Aislante superior generador          |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | Q232040 | Arandela plana A-6                   |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
|                                                                                                                                           | Q262040 | Arandela muelle A-6                  |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
|                                                                                                                                           | Q162040 | Tuerca exagonal M-6                  |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 5                                                                                                                                         | T115701 | Tapa caja quemador                   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | T115068 | Aislante tapa caja quemador          |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | Q221342 | Remache exagonal M-5                 |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                                           | Q152004 | Tornillo aplastado M-5x13            |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 6                                                                                                                                         | T115700 | Caja quemador                        |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | T115067 | Aislante caja quemador               |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | Q412002 | Remache tubular Ø4x7,5               |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 7                                                                                                                                         | Z955802 | Electrodo ignicion                   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | Q151320 | Tornillo alomado M-4x6               |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 8                                                                                                                                         | Z955803 | Electrodo deteccion                  |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
|                                                                                                                                           | Q151320 | Tornillo alomado M-4x6               |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |

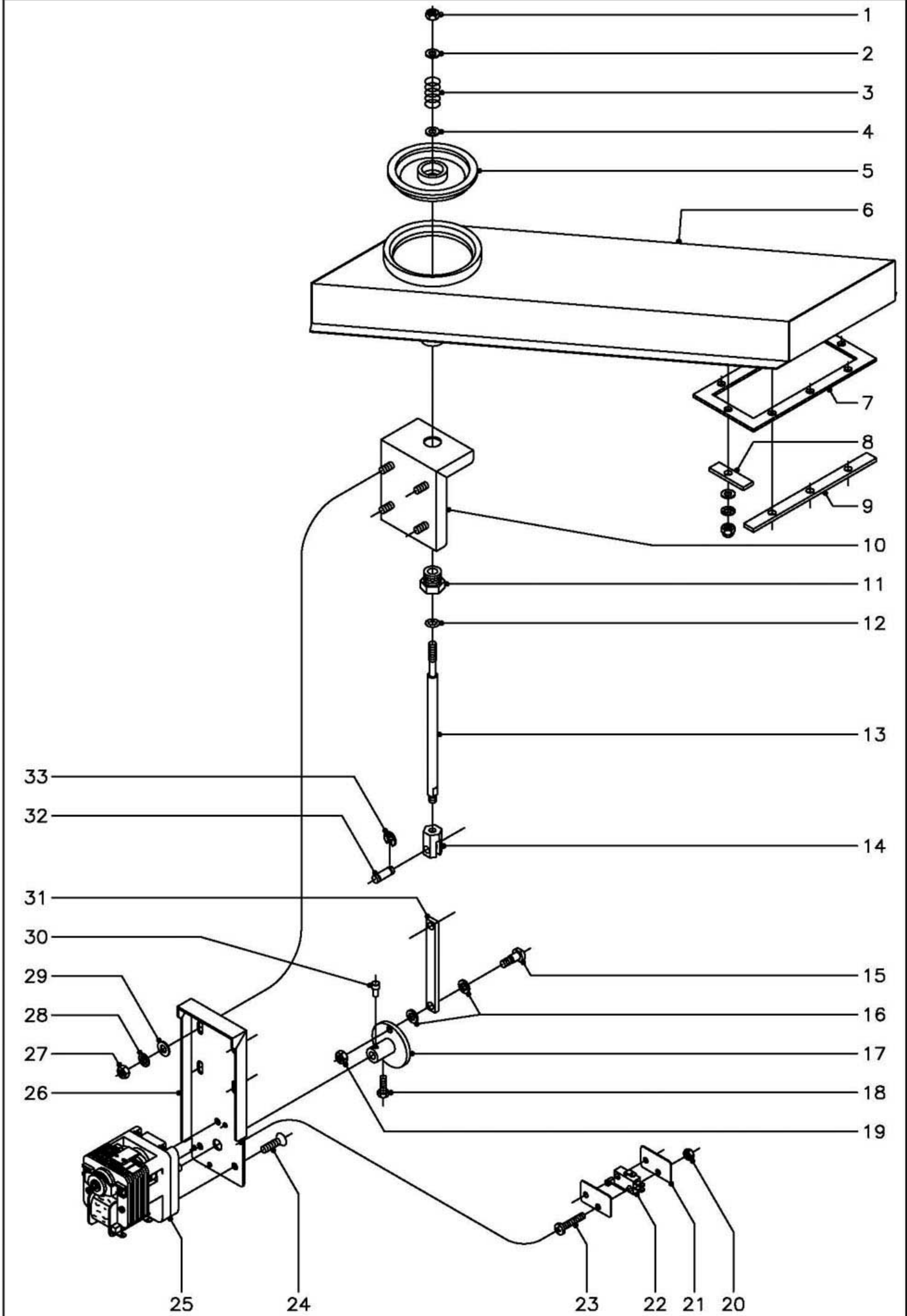
| MOD. |         | HORNOS A GAS HVG                |       | ZONA      | GENERADOR DE VAPOR |              |              |             |             |  | PLANO | C-1310 |                                |
|------|---------|---------------------------------|-------|-----------|--------------------|--------------|--------------|-------------|-------------|--|-------|--------|--------------------------------|
| ITEM | CODIGO  | DENOMINACION                    | TEXTO | HVG-10/11 | HVG-10/21          | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |       |        | NOTAS                          |
| 9    | Z955801 | Quemador completo               |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        |                                |
|      | Q032021 | Tornillo alomado M-4x10         |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
|      | Q242020 | Arandela abanico A-4            |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
|      | Q162020 | Tuerca exagonal M-4             |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
| 10   | Z955807 | Arandela junta (corcho)         |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        |                                |
| 11   | T115713 | Acoplador de quemador           |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        |                                |
|      | Q151320 | Tornillo alomado M-4x6          |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
| 12   | T112609 | Soporte quemador                |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
|      | Q412002 | Remache tubular Ø4x7,5          |       | 4         | 4                  | 4            | 4            | 4           | 4           |  |       |        |                                |
| 13   | T112829 | Tapa de quemador                |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        |                                |
|      | Q221343 | Remache exagonal M-6            |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
|      | Q232040 | Arandela plana A-6              |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
|      | Q262040 | Arandela muelle A-6             |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
|      | Q012042 | Tornillo exagonal M-6x15        |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
| 14   | T115015 | Entrada de gas                  |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        |                                |
| 15   | Q300019 | Arandela junta Ø23,5xØ17x1,5    |       | -         | -                  | 2            | 2            | 2           | 2           |  |       |        |                                |
| 16   | T115113 | Conduccion para llave de paso   |       | -         | -                  | 1            | 1            | 1           | 1           |  |       |        |                                |
| 17   | R695024 | Manguito doble 3/4"             |       | -         | -                  | 1            | 1            | 1           | 1           |  |       |        |                                |
| 18   | R725090 | Llave de paso de gas 3/4"       |       | -         | -                  | 1            | 1            | 1           | 1           |  |       |        |                                |
| 19   | Q221334 | Tuerca 1/2" ( Para tubo Ø12 )   |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        |                                |
| 20   | U055043 | Bicono Ø 12                     |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        |                                |
| 21   | S205023 | Manguito doble 1/2"             |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        |                                |
| 22   | Z952201 | Valvula SIT-830 ( 50 Hz.)       |       | 1         | 1                  | -            | -            | -           | -           |  |       |        | ( G.L.P.y Gas Natural, 50 Hz.) |
| 22   | Z953501 | Valvula SIT-830 ( 60 Hz.)       |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        | ( G.L.P.y Gas Natural, 60 Hz.) |
| 23   | S205023 | Manguito doble 1/2"             |       | 1         | 1                  | 1            | 1            | 1           | 1           |  |       |        |                                |
| 24   | Q306012 | Arandela junta Ø18xØ13x1,5      |       | 2         | 2                  | 2            | 2            | 2           | 2           |  |       |        |                                |
| 25   | T115109 | Conduccion a quemador generador |       | 1         | -                  | -            | -            | -           | -           |  |       |        |                                |
| 25   | T115102 | Conduccion a quemador generador |       | -         | -                  | 1            | -            | 1           | -           |  |       |        |                                |
| 25   | T125026 | Conduccion a quemador generador |       | -         | 1                  | -            | -            | -           | -           |  |       |        |                                |





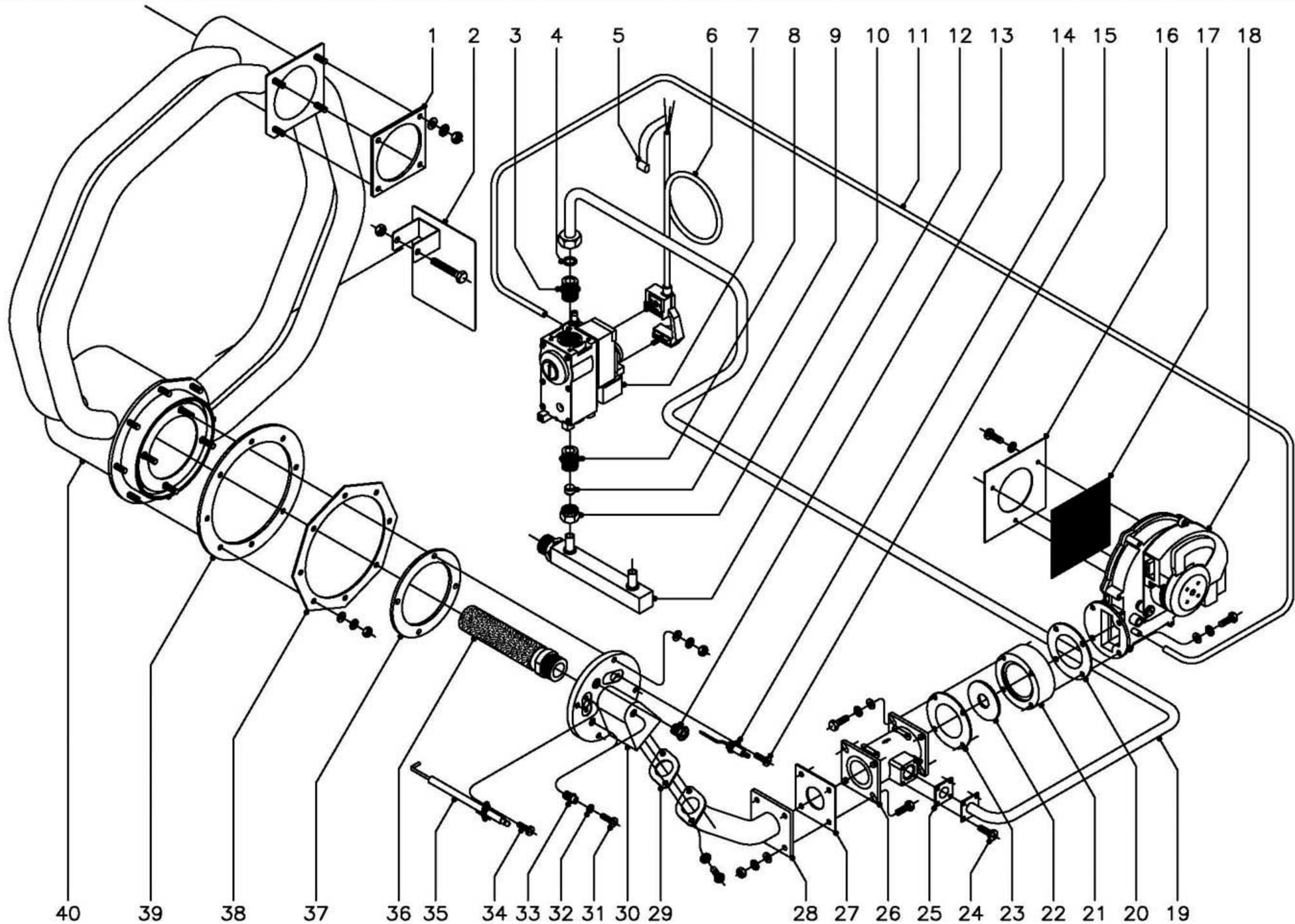
| MOD. HORNOS A GAS HVG ZONA CONDUCCIONES AGUA, VAPOR Y DESAGUE PLANO C-1311 |         |                                    |       |           |           |              |              |             |             |  |  |  |       |
|----------------------------------------------------------------------------|---------|------------------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|-------|
| ITEM                                                                       | CODIGO  | DENOMINACION                       | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS |
| 1                                                                          | T115000 | Generador de vapor                 |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 2                                                                          | 3676900 | Tubo goma negra Ø17xØ10x400        |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 3                                                                          | Q881302 | Abrazadera 12 - 20                 |       | 6         | 6         | 6            | 6            | 6           | 6           |  |  |  |       |
| 4                                                                          | Z201106 | Racord en "Y"                      |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 5                                                                          | 3676900 | Tubo goma negra Ø17xØ10x500        |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 6                                                                          | 3676900 | Tubo goma negra Ø17xØ10x700        |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 7                                                                          | Q881302 | Abrazadera 12 - 20                 |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 8                                                                          | Z601156 | Regulador caudal 8 l./m. (rojo)    |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 9                                                                          | P443042 | Regulador caudal 3 l./m. (negro)   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 10                                                                         | Z701135 | Electrovalvula entrada de agua     |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 11                                                                         | Q032021 | Tornillo alomado M-4x10            |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 12                                                                         | Z701132 | Filtro-junta entrada de agua       |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 13                                                                         | Z601114 | Manguera entrada de agua           |       | 2         | 2         | -            | -            | -           | -           |  |  |  |       |
| 13                                                                         | Z602121 | Manguera entrada de agua           |       | -         | -         | 2            | 2            | 2           | 2           |  |  |  |       |
| 14                                                                         | Q307031 | Junta manguera Ø24xØ14x3           |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 15                                                                         | 3715600 | Tubo silicona forrado Ø26xØ18x1200 |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 16                                                                         | Q881304 | Abrazadera 20 - 32                 |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 17                                                                         | R665067 | Codo desagüe                       |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 18                                                                         | T115017 | Conjunto desagüe completo          |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 18                                                                         | T125004 | Conjunto desagüe completo          |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 19                                                                         | R665053 | Tuerca tapon 1" laton              |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 20                                                                         | R015011 | Arandela junta Ø34x3               |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 21                                                                         | Q223014 | Contratuerca 1"                    |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 22                                                                         | Q162040 | Tuerca exagonal M-6                |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |  |       |
| 23                                                                         | Q262040 | Arandela muelle A-6                |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |  |       |
| 24                                                                         | Q232040 | Arandela plana A-6                 |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |  |       |
| 25                                                                         | R342803 | Palanca grifo vaciado              |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 25                                                                         | R032804 | Palanca grifo vaciado              |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 26                                                                         | R015034 | Cuerpo grifo vaciado               |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |





| <div> <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>CIERRE CHIMENEA</div> <div>PLANO</div> <div>C-1312</div> </div> |         |                                  |       |           |           |              |              |             |             |  |  |  |       |
|----------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|-------|
| ITEM                                                                                                                                   | CODIGO  | DENOMINACION                     | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS |
| 1                                                                                                                                      | Q162040 | Tuerca exagonal M-6              |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 2                                                                                                                                      | Q302022 | Arandela plana Ø16xØ6x1,2        |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 3                                                                                                                                      | R725008 | Resorte                          |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 4                                                                                                                                      | Q302022 | Arandela plana Ø16xØ6x1,2        |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 5                                                                                                                                      | T115115 | Retencion vapores                |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 5                                                                                                                                      | T125027 | Retencion vapores                |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 6                                                                                                                                      | T112650 | Chimenea completa                |       | 1         | -         | 1            | -            | 1           | -           |  |  |  |       |
| 6                                                                                                                                      | T122625 | Chimenea completa                |       | -         | 1         | -            | 1            | -           | 1           |  |  |  |       |
| 7                                                                                                                                      | T122630 | Junta chimenea                   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 8                                                                                                                                      | T132634 | Pletina corta refuerzo inferior  |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 9                                                                                                                                      | T122631 | Pletina larga refuerzo inferior  |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
|                                                                                                                                        | Q232030 | Arandela plana A-5               |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |  |       |
|                                                                                                                                        | Q242030 | Arandela abanico A-5             |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |  |       |
|                                                                                                                                        | Q213131 | Tuerca sombrerete M-5            |       | 8         | 8         | 8            | 8            | 8           | 8           |  |  |  |       |
| 10                                                                                                                                     | T135022 | Soporte amarre motor completo    |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 11                                                                                                                                     | R725030 | Tuerca guia retencion            |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 12                                                                                                                                     | Q307067 | Junta torica Ø14,43xØ9,19xØ2,62  |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 13                                                                                                                                     | T135044 | Eje retencion vapores            |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 14                                                                                                                                     | T135045 | Suplemento eje retencion         |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 15                                                                                                                                     | T135009 | Eje de leva                      |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 16                                                                                                                                     | Q308013 | Arandela de teflon Ø14xØ8x2      |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 17                                                                                                                                     | T135012 | Leva                             |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 18                                                                                                                                     | Q012021 | Tornillo exagonal M-4x10         |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 19                                                                                                                                     | Q162040 | Tuerca exagonal M-6              |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |       |
| 20                                                                                                                                     | Q221350 | Tuerca exagonal autoblocante M-3 |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 21                                                                                                                                     | R010535 | Placa separadora                 |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 22                                                                                                                                     | R010534 | Interruptor puerta               |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |       |
| 23                                                                                                                                     | Q032013 | Tornillo alomado M-3x20          |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |       |
| 24                                                                                                                                     | Q042031 | Tornillo avellanado M-5x10       |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |       |

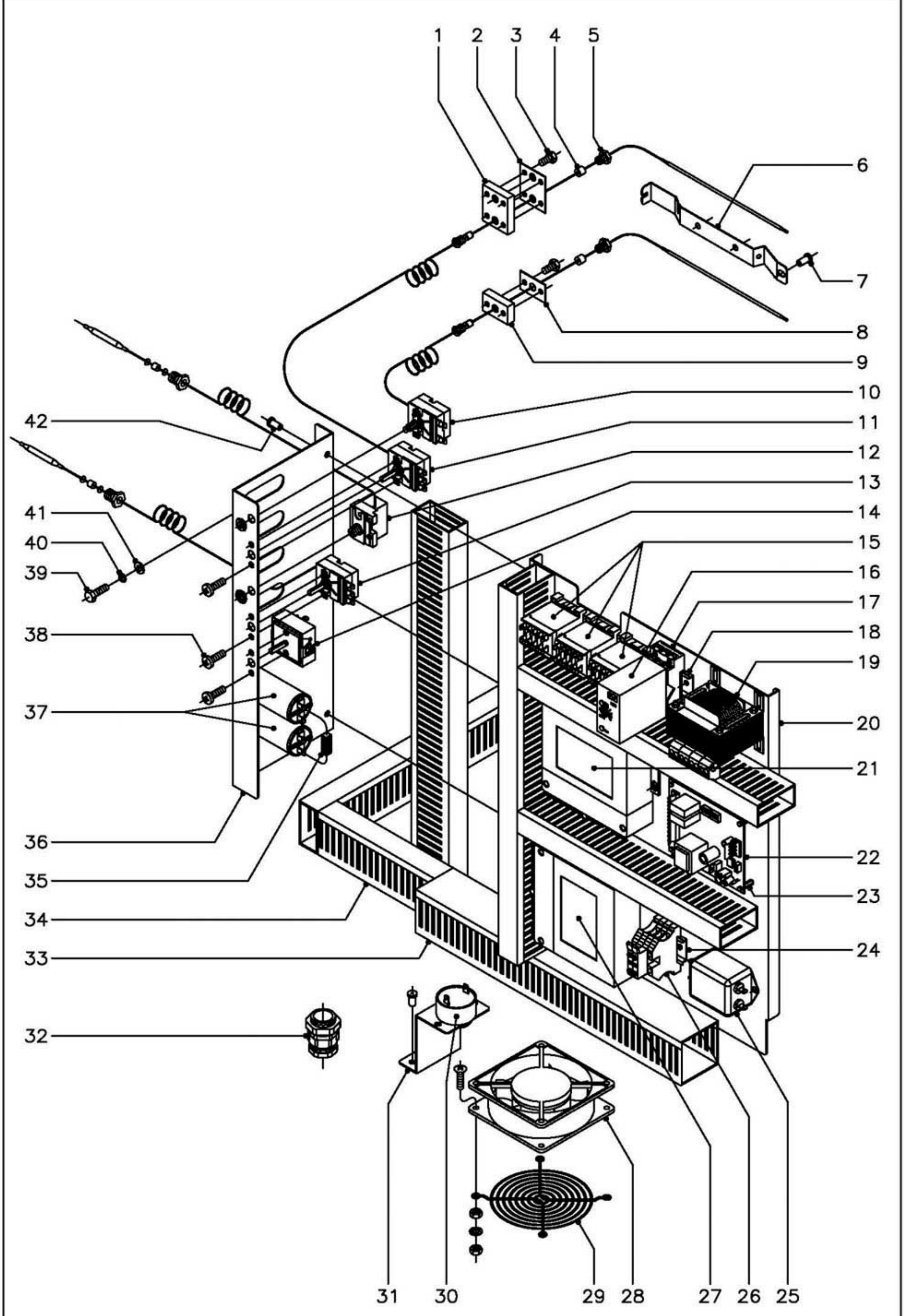




|         |                                                                                     |         |                                |                     |        |                                       |
|---------|-------------------------------------------------------------------------------------|---------|--------------------------------|---------------------|--------|---------------------------------------|
| N plano | Firma                                                                               | Fecha   | Aparato                        | PARTE FUNCIONAL GAS | Lamina | Fagor Industrial S.Coop. <b>FAGOR</b> |
| C-1313  |  | 03-2003 | HORNOS A GAS HVG-10/11 Y 10/21 |                     | 9      | Grata                                 |

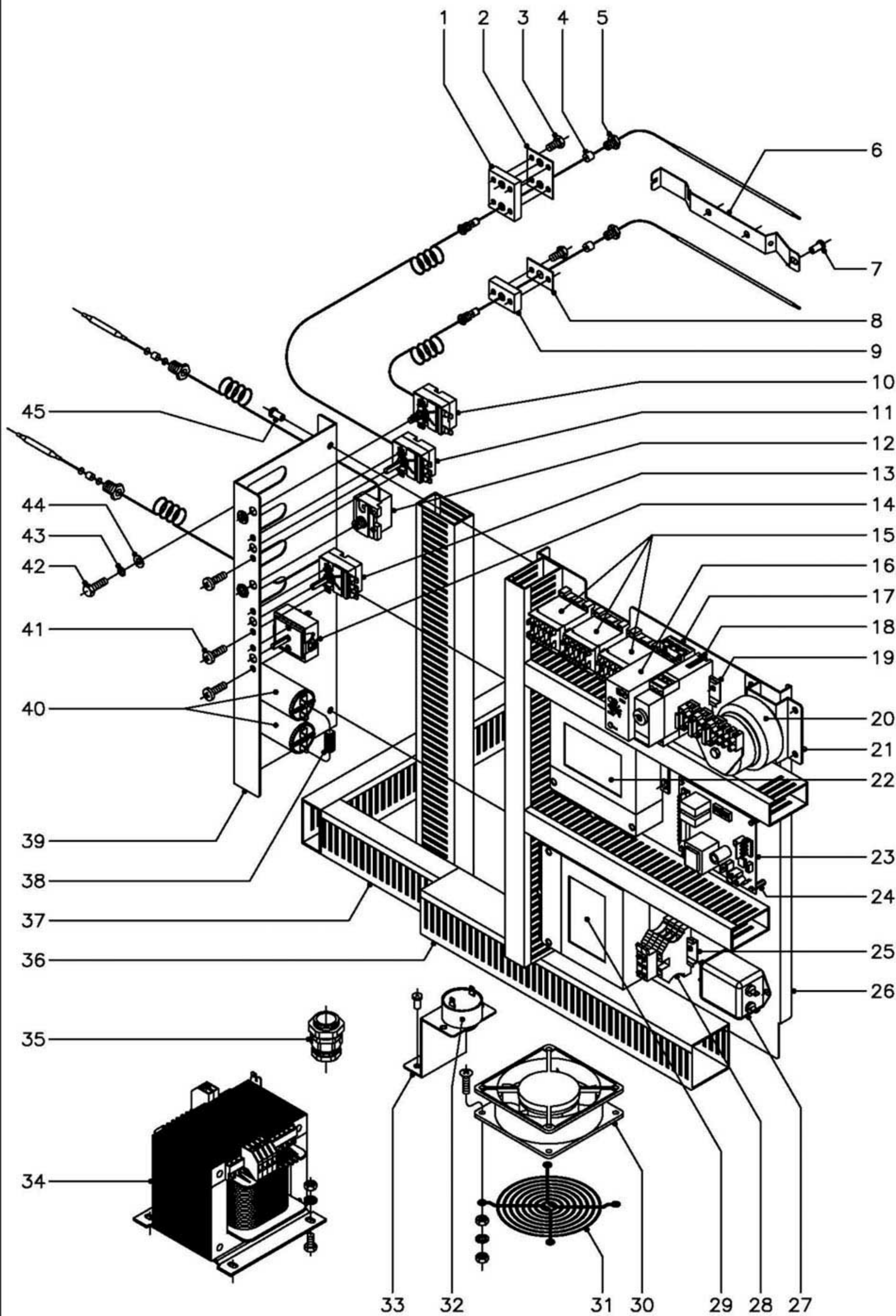
| <div> <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>PARTE FUNCIONAL GAS</div> <div>PLANO</div> <div>C-1313</div> </div> |         |                                      |       |           |           |              |              |             |             |  |  |  |           |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------|-------|-----------|-----------|--------------|--------------|-------------|-------------|--|--|--|-----------|
| ITEM                                                                                                                                       | CODIGO  | DENOMINACION                         | TEXTO | HVG-10/11 | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  | NOTAS     |
| 1                                                                                                                                          | R725052 | Junta colector                       |       | 2         | 2         | 2            | 2            | 2           | 2           |  |  |  |           |
|                                                                                                                                            | Q232040 | Arandela plana A-6                   |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |           |
|                                                                                                                                            | Q242040 | Arandela abanico A-6                 |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |           |
|                                                                                                                                            | Q162040 | Tuerca exagonal M-6                  |       | 4         | 4         | 4            | 4            | 4           | 4           |  |  |  |           |
| 2                                                                                                                                          | R722629 | Aleron intercambiador                |       | 3         | -         | 3            | -            | 3           | -           |  |  |  |           |
|                                                                                                                                            | Q012046 | Tornillo exagonal M-6x40             |       | 3         | -         | 3            | -            | 3           | -           |  |  |  |           |
|                                                                                                                                            | Q162040 | Tuerca exagonal M-6                  |       | 3         | -         | 3            | -            | 3           | -           |  |  |  |           |
| 3                                                                                                                                          | S205023 | Manguito doble 1/2"                  |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 4                                                                                                                                          | Q306012 | Arandela junta Ø18xØ13x1,5           |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 5                                                                                                                                          | Z233012 | Condensador antiparasitario          |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 6                                                                                                                                          | T085012 | Conector valvula Honeywell           |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 7                                                                                                                                          | T115097 | Valvula Honeywell ( Regulado a B.P.) |       | 1         | 1         | -            | -            | -           | -           |  |  |  | ( 50 Hz.) |
| 7                                                                                                                                          | T115098 | Valvula Honeywell ( Regulado a G.N.) |       | 1         | 1         | -            | -            | -           | -           |  |  |  | ( 50 Hz.) |
| 7                                                                                                                                          | T115100 | Valvula Honeywell ( Regulado a B.P.) |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  | ( 60 Hz.) |
| 7                                                                                                                                          | T115101 | Valvula Honeywell ( Regulado a G.N.) |       | 1         | 1         | -            | -            | -           | -           |  |  |  | ( 60 Hz.) |
| 7                                                                                                                                          | T115099 | Valvula Honeywell ( Regulado a G.N.) |       | -         | -         | 1            | 1            | 1           | 1           |  |  |  | ( 60 Hz.) |
| 8                                                                                                                                          | S205023 | Manguito doble 1/2"                  |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 9                                                                                                                                          | U055043 | Bicono Ø 12                          |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 10                                                                                                                                         | Q221334 | Tuerca 1/2" ( Para tubo Ø 12 )       |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 11                                                                                                                                         | 3702400 | Tubo goma negra Ø 8xØ 4x1500         |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 12                                                                                                                                         | T115015 | Entrada de gas                       |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 13                                                                                                                                         | R725015 | Visor de encendido                   |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 14                                                                                                                                         | T115712 | Electrodo de deteccion               |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 15                                                                                                                                         | Q153021 | Tornillo alomado M-4x10              |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 16                                                                                                                                         | T115096 | Chapa amarre malla ventilador        |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
|                                                                                                                                            | Q032021 | Tornillo alomado M-4x10              |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |           |
|                                                                                                                                            | Q242020 | Arandela abanico A-4                 |       | 3         | 3         | 3            | 3            | 3           | 3           |  |  |  |           |
| 17                                                                                                                                         | T115095 | Malla ventilador                     |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |
| 18                                                                                                                                         | T083000 | Ventilador E.B.M.-RG130              |       | 1         | 1         | 1            | 1            | 1           | 1           |  |  |  |           |

| MOD. | HORNOS A GAS HVG |                                       | ZONA  | PARTE FUNCIONAL GAS |           |              |              |             |             | PLANO                      | C-1313 |                    |
|------|------------------|---------------------------------------|-------|---------------------|-----------|--------------|--------------|-------------|-------------|----------------------------|--------|--------------------|
| ITEM | CODIGO           | DENOMINACION                          | TEXTO | HVG-10/11           | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |                            |        | NOTAS              |
| 19   | T115078          | Conduccion de gas completa            |       | 1                   | -         | -            | -            | -           | -           |                            |        |                    |
| 19   | T115104          | Conduccion de gas completa            |       | -                   | -         | 1            | -            | 1           | -           |                            |        |                    |
| 19   | T125021          | Conduccion de gas completa            |       | -                   | 1         | -            | -            | -           | -           |                            |        |                    |
| 19   | T125023          | Conduccion de gas completa            |       | -                   | -         | -            | 1            | -           | 1           |                            |        |                    |
| 20   | T115081          | Junta acoplamiento ventilador y mixer |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 21   | T115076          | Acoplamiento ventilador mixer         |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 22   | T115082          | Arandela regulacion ventilador Ø 18   |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        | ( Butano-Propano ) |
| 22   | T115083          | Arandela regulacion ventilador Ø 20   |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        | ( Gas Natural )    |
| 23   | T115081          | Junta acoplamiento ventilador y mixer |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 24   | Q032021          | Tornillo alomado M-4x10               |       | 4                   | 4         | 4            | 4            | 4           | 4           |                            |        |                    |
| 25   | T115080          | Junta conduccion mixer                |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 26   | T115075          | Mixer 35 KW.                          |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 27   | T115079          | Junta mixer conducto                  |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 28   | T115077          | Conducto mixer tapa principal         |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 29   | T095021          | Junta conducto tapa                   |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 30   | T115782          | Tapa principal                        |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 31   | Q152024          | Tornillo avellanado M-4x8             |       | 2                   | 2         | 2            | 2            | 2           | 2           |                            |        |                    |
| 32   | R725061          | Junta toma de presion                 |       | 2                   | 2         | 2            | 2            | 2           | 2           |                            |        |                    |
| 33   | R725017          | Boquilla toma de presion              |       | 2                   | 2         | 2            | 2            | 2           | 2           |                            |        |                    |
| 34   | Q153021          | Tornillo alomado M-4x10               |       | 2                   | 2         | 2            | 2            | 2           | 2           |                            |        |                    |
| 35   | T115781          | Electrodo de ignicion                 |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 36   | T115710          | Quemador Furigas ( 10/11 y 10/21 )    |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 37   | R725055          | Junta de tapa principal               |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 38   | -                | Brida amarre intercambiador           |       | -                   | -         | -            | -            | -           | -           | Caldeado a cuerpo de horno |        |                    |
| 39   | R725051          | Junta camara combustion               |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
| 40   | R725701          | Intercambiador completo               |       | 1                   | 1         | 1            | 1            | 1           | 1           |                            |        |                    |
|      | Q232040          | Arandela plana A-6                    |       | 12                  | 12        | 12           | 12           | 12          | 12          |                            |        |                    |
|      | Q262040          | Arandela muelle A-6                   |       | 12                  | 12        | 12           | 12           | 12          | 12          |                            |        |                    |
|      | Q163040          | Tuerca exagonal M-6                   |       | 12                  | 12        | 12           | 12           | 12          | 12          |                            |        |                    |



| <div> <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>CUADRO ELECTRICO</div> <div>PLANO</div> <div>C-1314</div> </div> |         |                                     |       |           |           |  |  |  |  |  |  |  |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------|-------|-----------|-----------|--|--|--|--|--|--|--|--------------------------|
| ITEM                                                                                                                                    | CODIGO  | DENOMINACION                        | TEXTO | HVG-10/11 | HVG-10/21 |  |  |  |  |  |  |  | NOTAS                    |
| 1                                                                                                                                       | R662659 | Pasamuros doble                     |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 2                                                                                                                                       | R692811 | Junta pasamuros doble               |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 3                                                                                                                                       | Q012021 | Tornillo exagonal M-4x10            |       | 6         | 6         |  |  |  |  |  |  |  |                          |
| 4                                                                                                                                       | R662662 | Junta cierre bulbo limitador        |       | 2         | 2         |  |  |  |  |  |  |  |                          |
| 5                                                                                                                                       | R662629 | Racord cierre sonda                 |       | 2         | 2         |  |  |  |  |  |  |  |                          |
| 6                                                                                                                                       | R662630 | Soporte bulbo                       |       | 2         | 2         |  |  |  |  |  |  |  |                          |
| 7                                                                                                                                       | Q412002 | Remache tubular Ø4x7,5              |       | 6         | 6         |  |  |  |  |  |  |  |                          |
| 8                                                                                                                                       | R692812 | Junta pasamuros simple              |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 9                                                                                                                                       | T112625 | Pasamuros simple                    |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 10                                                                                                                                      | R243016 | Limitador temperatura horno         |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 11                                                                                                                                      | R343018 | Termostato horno                    |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 12                                                                                                                                      | Z953036 | Termostato limitador generador      |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 13                                                                                                                                      | R343100 | Termostato generador ( 30 - 85°C.)  |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 14                                                                                                                                      | S333001 | Regulador de energia                |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 15                                                                                                                                      | Z683087 | Contactor 3TF20 01-3AL2 230V.       |       | 3         | 3         |  |  |  |  |  |  |  |                          |
| 16                                                                                                                                      | R343072 | Detector de niveles                 |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 17                                                                                                                                      | R743009 | Base enchufable detector            |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 18                                                                                                                                      | Z123019 | Guia contactor L=175                |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 19                                                                                                                                      | R503005 | Transformador                       |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 20                                                                                                                                      | T133005 | Panel cuadro electrico              |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 21                                                                                                                                      | Z953004 | Control combustion                  |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 22                                                                                                                                      | T083002 | Variador de velocidad               |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 23                                                                                                                                      | T133007 | Distanciador M-3                    |       | 4         | 4         |  |  |  |  |  |  |  | Amarre variador a cuadro |
|                                                                                                                                         | T133008 | Tornillo amarre M-3x23 ( plastico ) |       | 4         | 4         |  |  |  |  |  |  |  | Amarre variador a cuadro |
|                                                                                                                                         | Q161310 | Tuerca exagonal M-3                 |       | 4         | 4         |  |  |  |  |  |  |  | Amarre variador a cuadro |
| 24                                                                                                                                      | Z123018 | Guia contactor L=55                 |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 25                                                                                                                                      | T113023 | Filtro de entrada modelo FF-6Z      |       | 1         | 1         |  |  |  |  |  |  |  |                          |
| 26                                                                                                                                      | P453026 | Borne tierra 10                     |       | 1         | 1         |  |  |  |  |  |  |  |                          |
|                                                                                                                                         | R073005 | Borna portafusibles                 |       | 2         | 2         |  |  |  |  |  |  |  |                          |

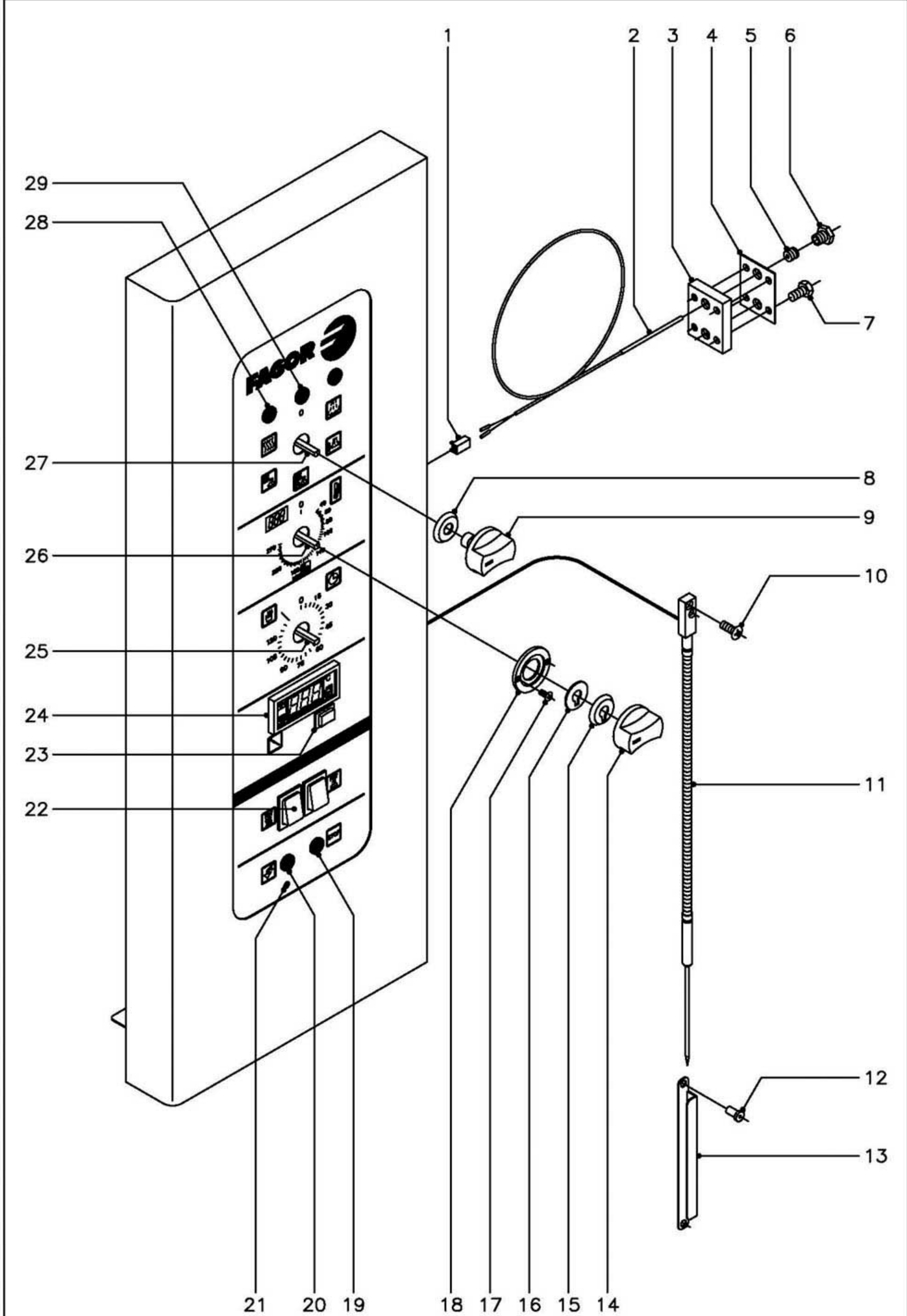
| <div> <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>CUADRO ELECTRICO</div> <div>PLANO</div> <div>C-1314</div> </div> |         |                                   |       |           |           |  |  |  |  |  |  |  |       |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------|-------|-----------|-----------|--|--|--|--|--|--|--|-------|
| ITEM                                                                                                                                    | CODIGO  | DENOMINACION                      | TEXTO | HVG-10/11 | HVG-10/21 |  |  |  |  |  |  |  | NOTAS |
|                                                                                                                                         | R723015 | Fusible cristal 10 A.             |       | 2         | 2         |  |  |  |  |  |  |  |       |
|                                                                                                                                         | Z263303 | Tope final                        |       | 1         | 1         |  |  |  |  |  |  |  |       |
| 27                                                                                                                                      | Z953004 | Control combustion                |       | 1         | 1         |  |  |  |  |  |  |  |       |
| 28                                                                                                                                      | Z103066 | Ventilador 230 V., 50-60 Hz.      |       | 2         | 2         |  |  |  |  |  |  |  |       |
| 29                                                                                                                                      | T113015 | Proteccion ventilador             |       | 2         | 2         |  |  |  |  |  |  |  |       |
|                                                                                                                                         | Q042022 | Tornillo avellanado M-4x15        |       | 8         | 8         |  |  |  |  |  |  |  |       |
|                                                                                                                                         | Q242020 | Arandela abanico A-4              |       | 8         | 8         |  |  |  |  |  |  |  |       |
|                                                                                                                                         | Q162020 | Tuerca exagonal M-4               |       | 16        | 16        |  |  |  |  |  |  |  |       |
| 30                                                                                                                                      | R693067 | Zumbador                          |       | 1         | 1         |  |  |  |  |  |  |  |       |
| 31                                                                                                                                      | T143001 | Soporte zumbador                  |       | 1         | 1         |  |  |  |  |  |  |  |       |
|                                                                                                                                         | Q412002 | Remache tubular Ø 4x7,5           |       | 2         | 2         |  |  |  |  |  |  |  |       |
| 32                                                                                                                                      | R073004 | Prensaestopas                     |       | 1         | 1         |  |  |  |  |  |  |  |       |
| 33                                                                                                                                      | 3715510 | Canaleta unex ( 60x60x longitud ) |       | 1         | 1         |  |  |  |  |  |  |  |       |
| 34                                                                                                                                      | 3715520 | Canaleta unex ( 60x30x longitud ) |       | 7         | 7         |  |  |  |  |  |  |  |       |
| 35                                                                                                                                      | R073008 | Cableado PTC                      |       | 1         | 1         |  |  |  |  |  |  |  |       |
| 36                                                                                                                                      | T133006 | Apoyo componentes                 |       | 1         | 1         |  |  |  |  |  |  |  |       |
| 37                                                                                                                                      | R293000 | Condensador 14 mf.                |       | 2         | 2         |  |  |  |  |  |  |  |       |
| 38                                                                                                                                      | Q151320 | Tornillo alomado M-4x6            |       | 6         | 6         |  |  |  |  |  |  |  |       |
| 39                                                                                                                                      | Q012042 | Tornillo exagonal M-6x15          |       | 4         | 4         |  |  |  |  |  |  |  |       |
| 40                                                                                                                                      | Q262040 | Arandela muelle A-6               |       | 4         | 4         |  |  |  |  |  |  |  |       |
| 41                                                                                                                                      | Q232040 | Arandela plana A-6                |       | 4         | 4         |  |  |  |  |  |  |  |       |
| 42                                                                                                                                      | Q412002 | Remache tubular Ø 4x7,5           |       | 3         | 3         |  |  |  |  |  |  |  |       |
|                                                                                                                                         |         |                                   |       |           |           |  |  |  |  |  |  |  |       |
|                                                                                                                                         |         |                                   |       |           |           |  |  |  |  |  |  |  |       |
|                                                                                                                                         |         |                                   |       |           |           |  |  |  |  |  |  |  |       |
|                                                                                                                                         |         |                                   |       |           |           |  |  |  |  |  |  |  |       |
|                                                                                                                                         |         |                                   |       |           |           |  |  |  |  |  |  |  |       |
|                                                                                                                                         |         |                                   |       |           |           |  |  |  |  |  |  |  |       |
|                                                                                                                                         |         |                                   |       |           |           |  |  |  |  |  |  |  |       |



| <div> <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>CUADRO ELECTRICO</div> <div>PLANO</div> <div>C-1315</div> </div> |         |                                     |       |              |              |             |             |  |  |  |  |  |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------|-------|--------------|--------------|-------------|-------------|--|--|--|--|--|--------------------------|
| ITEM                                                                                                                                    | CODIGO  | DENOMINACION                        | TEXTO | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  |  |  | NOTAS                    |
| 1                                                                                                                                       | R662659 | Pasamuros doble                     |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 2                                                                                                                                       | R692811 | Junta pasamuros doble               |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 3                                                                                                                                       | Q012021 | Tornillo exagonal M-4x10            |       | 6            | 6            | 6           | 6           |  |  |  |  |  |                          |
| 4                                                                                                                                       | R662662 | Junta cierre bulbo limitador        |       | 2            | 2            | 2           | 2           |  |  |  |  |  |                          |
| 5                                                                                                                                       | R662629 | Racord cierre sonda                 |       | 2            | 2            | 2           | 2           |  |  |  |  |  |                          |
| 6                                                                                                                                       | R662630 | Soporte bulbo                       |       | 2            | 2            | 2           | 2           |  |  |  |  |  |                          |
| 7                                                                                                                                       | Q412002 | Remache tubular Ø4x7,5              |       | 6            | 6            | 6           | 6           |  |  |  |  |  |                          |
| 8                                                                                                                                       | R692812 | Junta pasamuros simple              |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 9                                                                                                                                       | T112625 | Pasamuros simple                    |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 10                                                                                                                                      | R243016 | Limitador temperatura horno         |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 11                                                                                                                                      | R343018 | Termostato horno                    |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 12                                                                                                                                      | Z953036 | Termostato limitador generador      |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 13                                                                                                                                      | R343100 | Termostato generador ( 30 - 85°C.)  |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 14                                                                                                                                      | S333001 | Regulador de energia                |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 15                                                                                                                                      | Z683087 | Contactor 3TF20 01-3AL2 230V.       |       | 3            | 3            | 3           | 3           |  |  |  |  |  |                          |
| 16                                                                                                                                      | R743031 | Detector de niveles                 |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 17                                                                                                                                      | R743009 | Base enchufable detector            |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 18                                                                                                                                      | Z123022 | Temporizador                        |       | 1            | 1            | 1           | 1           |  |  |  |  |  | En version 120 V.        |
| 19                                                                                                                                      | Z123019 | Guia contactor L=175                |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 19                                                                                                                                      | Z123018 | Guia contactor L=55                 |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 20                                                                                                                                      | R723063 | Transformador ( UL )                |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 21                                                                                                                                      | T112653 | Soporte transformador ( UL )        |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 22                                                                                                                                      | T113060 | Control combustion y encendido      |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| s/n                                                                                                                                     | T113058 | Soporte control combus. y encen.    |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 23                                                                                                                                      | T083002 | Variador de velocidad               |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |
| 24                                                                                                                                      | T133007 | Distanciador M-3                    |       | 4            | 4            | 4           | 4           |  |  |  |  |  | Amarre variador a cuadro |
|                                                                                                                                         | T133008 | Tornillo amarre M-3x23 ( plastico ) |       | 4            | 4            | 4           | 4           |  |  |  |  |  | Amarre variador a cuadro |
|                                                                                                                                         | Q161310 | Tuerca exagonal M-3                 |       | 4            | 4            | 4           | 4           |  |  |  |  |  | Amarre variador a cuadro |
| 25                                                                                                                                      | Z123018 | Guia contactor L=55                 |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                          |

| <div>MOD.</div> <div>HORNOS A GAS HVG</div> <div>ZONA</div> <div>CUADRO ELECTRICO</div> <div>PLANO</div> <div>C-1315</div> |         |                                     |       |              |              |             |             |  |  |  |  |  |                       |
|----------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------|-------|--------------|--------------|-------------|-------------|--|--|--|--|--|-----------------------|
| ITEM                                                                                                                       | CODIGO  | DENOMINACION                        | TEXTO | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |  |  |  | NOTAS                 |
| 26                                                                                                                         | T133005 | Panel cuadro electrico              |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| 27                                                                                                                         | T113023 | Filtro de entrada modelo FF-6Z      |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| 28                                                                                                                         | P453026 | Borne tierra 10                     |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
|                                                                                                                            | R073005 | Borna portafusibles                 |       | 2            | 2            | 2           | 2           |  |  |  |  |  |                       |
|                                                                                                                            | R723015 | Fusible cristal 10 A. ( 208/240 V.) |       | 2            | 2            | 2           | 2           |  |  |  |  |  | En version 208/240 V. |
|                                                                                                                            | T113078 | Fusible cristal 12,5 A. ( 120 V.)   |       | 2            | 2            | 2           | 2           |  |  |  |  |  | En version 120 V.     |
|                                                                                                                            | Z263303 | Tope final                          |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| 29                                                                                                                         | T113060 | Control combustion y encendido      |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| s/n                                                                                                                        | T113058 | Soporte control combus. y encen.    |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| 30                                                                                                                         | Z103066 | Ventilador 230 V., 50-60 Hz.        |       | 2            | 2            | 2           | 2           |  |  |  |  |  |                       |
| 31                                                                                                                         | T113015 | Proteccion ventilador               |       | 2            | 2            | 2           | 2           |  |  |  |  |  |                       |
|                                                                                                                            | Q042022 | Tornillo avellanado M-4x15          |       | 8            | 8            | 8           | 8           |  |  |  |  |  |                       |
|                                                                                                                            | Q242020 | Arandela abanico A-4                |       | 8            | 8            | 8           | 8           |  |  |  |  |  |                       |
|                                                                                                                            | Q162020 | Tuerca exagonal M-4                 |       | 16           | 16           | 16          | 16          |  |  |  |  |  |                       |
| 32                                                                                                                         | T113076 | Zumbador 24 V.                      |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| s/n                                                                                                                        | T113077 | Resistencia zumbador 33 KH. 2W.     |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| 33                                                                                                                         | T143001 | Soporte zumbador                    |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
|                                                                                                                            | Q412002 | Remache tubular Ø 4x7,5             |       | 2            | 2            | 2           | 2           |  |  |  |  |  |                       |
| 34                                                                                                                         | R723052 | Transformador Siemens               |       | 1            | 1            | 1           | 1           |  |  |  |  |  | En version 120 V.     |
|                                                                                                                            | Q012041 | Tornillo exagonal M-6x10            |       | 4            | 4            | 4           | 4           |  |  |  |  |  |                       |
|                                                                                                                            | Q242040 | Arandela abanico A-6                |       | 4            | 4            | 4           | 4           |  |  |  |  |  |                       |
|                                                                                                                            | Q162040 | Tuerca exagonal M-6                 |       | 4            | 4            | 4           | 4           |  |  |  |  |  |                       |
| 35                                                                                                                         | R073004 | Prensaestopas                       |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| 36                                                                                                                         | 3715510 | Canaleta unex ( 60x60x longitud )   |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| 37                                                                                                                         | 3715520 | Canaleta unex ( 60x30x longitud )   |       | 7            | 7            | 7           | 7           |  |  |  |  |  |                       |
| 38                                                                                                                         | R073008 | Cableado PTC                        |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| 39                                                                                                                         | T133006 | Apoyo componentes                   |       | 1            | 1            | 1           | 1           |  |  |  |  |  |                       |
| 40                                                                                                                         | R293000 | Condensador 14 mf.                  |       | 2            | 2            | 2           | 2           |  |  |  |  |  |                       |
| 41                                                                                                                         | Q151320 | Tornillo alomado M-4x6              |       | 6            | 6            | 6           | 6           |  |  |  |  |  |                       |





| MOD. | HORNOS A GAS HVG |                                     | ZONA  | PARTE ELECTRICA PORTAMANDOS |           |              |              |             |             |  |  | PLANO | C-1316 |
|------|------------------|-------------------------------------|-------|-----------------------------|-----------|--------------|--------------|-------------|-------------|--|--|-------|--------|
| ITEM | CODIGO           | DENOMINACION                        | TEXTO | HVG-10/11                   | HVG-10/21 | HVG-10/11 UL | HVG-10/21 UL | MFHVG-10/11 | MFHVG-10/21 |  |  |       | NOTAS  |
| 1    | R663092          | Conector 2 vias                     |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 2    | R663090          | Conjunto termopar L=1400            |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 3    | R662659          | Pasamuros doble                     |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 4    | R692811          | Junta pasamuros doble               |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 5    | R662652          | Bicono cierre sonda                 |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 6    | R662629          | Racord cierre sonda                 |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 7    | Q012021          | Tornillo exagonal M-4x10            |       | 4                           | 4         | 4            | 4            | 4           | 4           |  |  |       |        |
| 8    | R663046          | Junta ( conmutadores )              |       | 2                           | 2         | 2            | 2            | 2           | 2           |  |  |       |        |
| 9    | R663062          | Boton de mando Ø6 ( conmutadores )  |       | 2                           | 2         | 2            | 2            | -           | -           |  |  |       |        |
| 9    | R663070          | Boton de mando Ø6 ( conmutadores )  |       | -                           | -         | -            | -            | 2           | 2           |  |  |       |        |
| 10   | Q042022          | Tornillo avellanado M-4x15          |       | 2                           | 2         | 2            | 2            | 2           | 2           |  |  |       |        |
| 11   | T113007          | Conjunto sonda nucleo               |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 12   | Q412002          | Remache tubular Ø 4x7,5             |       | 2                           | 2         | 2            | 2            | 2           | 2           |  |  |       |        |
| 13   | R672643          | Soporte de sonda                    |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 14   | R663063          | Boton de mando Ø6 (termos.electro.) |       | 1                           | 1         | 1            | 1            | -           | -           |  |  |       |        |
| 14   | R663071          | Boton de mando Ø6 (termos.electro.) |       | -                           | -         | -            | -            | 1           | 1           |  |  |       |        |
| 15   | R663045          | Junta (termostato electronico )     |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 16   | R662810          | Arandela guia                       |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 17   | Q151346          | Tornillo avellanado M-3x5           |       | 2                           | 2         | 2            | 2            | 2           | 2           |  |  |       |        |
| 18   | R662809          | Guia boton de mando                 |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 19   | T113040          | Piloto rojo                         |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 20   | R693056          | Piloto ambar                        |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 21   | Z953035          | Termostato limitador aviso          |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 22   | Z213033          | Pulsador rearme generador y horno   |       | 2                           | 2         | 2            | 2            | 2           | 2           |  |  |       |        |
| 23   | R743008          | Interruptor regulacion sonda        |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 24   | T133004          | Termostato digital tipo K ( °C.)    |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 24   | R743035          | Termostato digital ( ° F.)          |       | -                           | -         | 1            | 1            | 1           | 1           |  |  |       |        |
| 25   | R723000          | Temporizador manual                 |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |
| 26   | R743013          | Termostato electronico 270° C.      |       | 1                           | 1         | 1            | 1            | 1           | 1           |  |  |       |        |





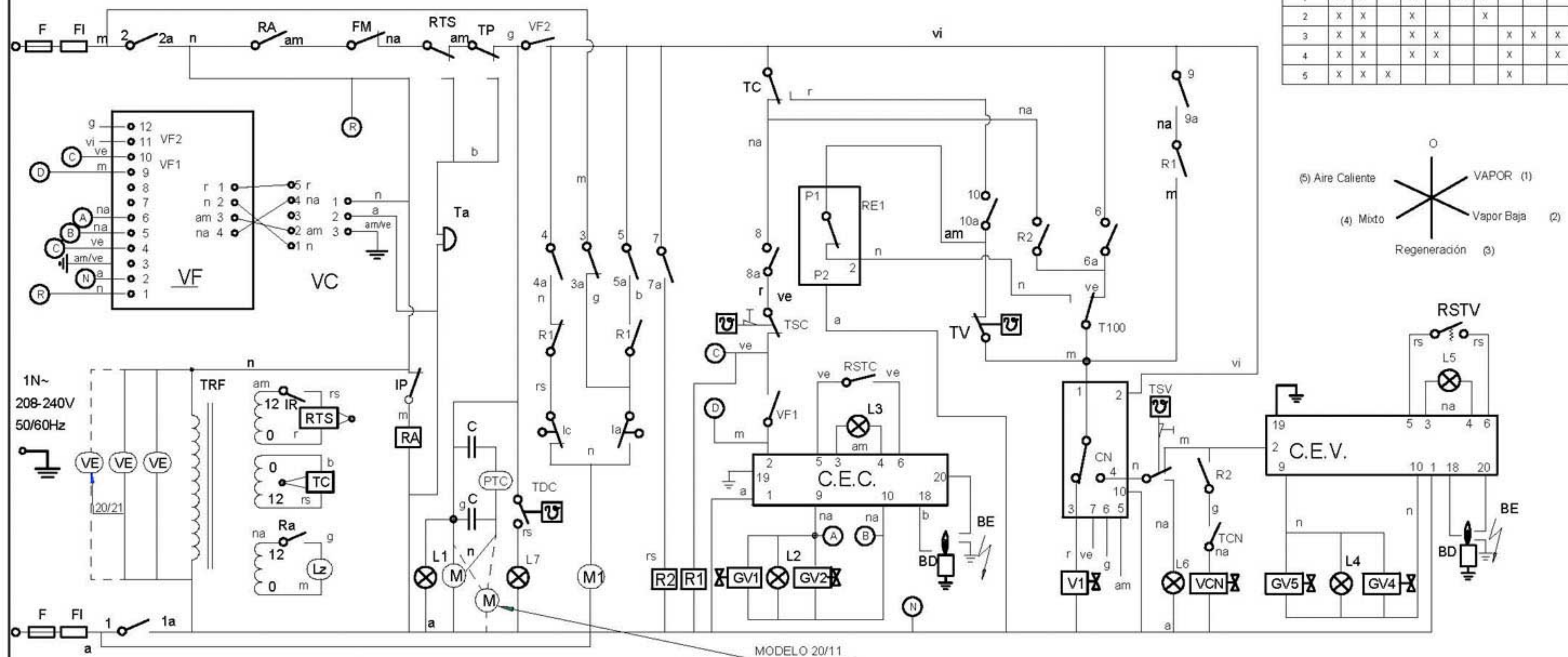


| MOD.             |         |                                     |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
|------------------|---------|-------------------------------------|-------|-----------|----------------------------------------------------------------------------------------------------|------------|----------------------------|-----------------------------|-----------------------------|--|--|--|-------|------------------|
| HORNOS A GAS HVG |         |                                     | ZONA  |           | PIEZAS ESPECIFICAS PARA LOS DISTINTOS GASES<br>(B.P. Y G.N.) Y DISTINTAS FRECUENCIAS (50 Y 60 Hz.) |            |                            |                             |                             |  |  |  | PLANO | C-1310<br>C-1313 |
| ITEM             | CODIGO  | DENOMINACION                        | TEXTO | HVG-10/11 | HVG-10/21<br>HVG-2-10/11                                                                           | HVG-10/11A | HVG-10/21A<br>HVG-2-10/11A | HVG-10/11 UL<br>MFHVG-10/11 | HVG-10/21 UL<br>MFHVG-10/21 |  |  |  |       | NOTAS            |
|                  |         | <b>BUTANO - PROPANO 50 Hz.</b>      |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
| s/n              | Z955899 | Inyector Ø 0,7 (En quemad. item 9)  |       | 12        | 12                                                                                                 | 12         | 12                         | -                           | -                           |  |  |  |       | Plano C-1310     |
| 22               | Z952201 | Valvula SIT-830 50 Hz. (B.P.y G.N.) |       | 1         | 1                                                                                                  | 1          | 1                          | -                           | -                           |  |  |  |       | Plano C-1310     |
| 7                | T115097 | Valvula Honeywell 50Hz. (B.P.)      |       | 1         | 1                                                                                                  | 1          | 1                          | -                           | -                           |  |  |  |       | Plano C-1313     |
| 22               | T115082 | Arandela regulacion ventilador Ø18  |       | 1         | 1                                                                                                  | 1          | 1                          | -                           | -                           |  |  |  |       | Plano C-1313     |
|                  |         |                                     |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
|                  |         | <b>BUTANO - PROPANO 60 Hz.</b>      |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
| s/n              | Z955899 | Inyector Ø 0,7 (En quemad. item 9)  |       | 12        | 12                                                                                                 | 12         | 12                         | 12                          | 12                          |  |  |  |       | Plano C-1310     |
| 22               | Z953501 | Valvula SIT-830 60 Hz. (B.P.y G.N.) |       | 1         | 1                                                                                                  | 1          | 1                          | 1                           | 1                           |  |  |  |       | Plano C-1310     |
| 7                | T115100 | Valvula Honeywell 60Hz. (B.P.)      |       | 1         | 1                                                                                                  | 1          | 1                          | 1                           | 1                           |  |  |  |       | Plano C-1313     |
| 22               | T115082 | Arandela regulacion ventilador Ø18  |       | 1         | 1                                                                                                  | 1          | 1                          | 1                           | 1                           |  |  |  |       | Plano C-1313     |
|                  |         |                                     |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
|                  |         | <b>GAS NATURAL 50 Hz.</b>           |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
| s/n              | Z956104 | Inyector Ø 1,1 (En quemad. item 9)  |       | 12        | 12                                                                                                 | -          | -                          | -                           | -                           |  |  |  |       | Plano C-1310     |
| s/n              | Z956109 | Inyector Ø 1,2 (En quemad. item 9)  |       | -         | -                                                                                                  | 12         | 12                         | -                           | -                           |  |  |  |       | Plano C-1310     |
| 22               | Z952201 | Valvula SIT-830 50 Hz. (B.P.y G.N.) |       | 1         | 1                                                                                                  | 1          | 1                          | -                           | -                           |  |  |  |       | Plano C-1310     |
| 7                | T115098 | Valvula Honeywell 50Hz. (G.N.)      |       | 1         | 1                                                                                                  | 1          | 1                          | -                           | -                           |  |  |  |       | Plano C-1313     |
| 22               | T115083 | Arandela regulacion ventilador Ø20  |       | 1         | 1                                                                                                  | 1          | 1                          | -                           | -                           |  |  |  |       | Plano C-1313     |
|                  |         |                                     |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
|                  |         | <b>GAS NATURAL 60 Hz.</b>           |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
| s/n              | Z956104 | Inyector Ø 1,1 (En quemad. item 9)  |       | 12        | 12                                                                                                 | 12         | 12                         | 12                          | 12                          |  |  |  |       | Plano C-1310     |
| 22               | Z953501 | Valvula SIT-830 60 Hz. (B.P.y G.N.) |       | 1         | 1                                                                                                  | 1          | 1                          | 1                           | 1                           |  |  |  |       | Plano C-1310     |
| 7                | T115101 | Valvula Honeywell 60Hz. (G.N.)      |       | 1         | 1                                                                                                  | 1          | 1                          | -                           | -                           |  |  |  |       | Plano C-1313     |
| 7                | T115099 | Valvula Honeywell 60Hz. (G.N.)      |       | -         | -                                                                                                  | -          | -                          | 1                           | 1                           |  |  |  |       | Plano C-1313     |
| 22               | T115083 | Arandela regulacion ventilador Ø20  |       | 1         | 1                                                                                                  | 1          | 1                          | 1                           | 1                           |  |  |  |       | Plano C-1313     |
|                  |         |                                     |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
|                  |         |                                     |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
|                  |         |                                     |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |
|                  |         |                                     |       |           |                                                                                                    |            |                            |                             |                             |  |  |  |       |                  |

[illegible]

# HVG-10/11 HVG-10/21 HVG-20/11 HVG-20/21

## MFHVG-10/11 MFHVG-10/21 MFHVG-20/11 MFHVG-20/21



T-113031

|                          |               |                                                                                                                                     |                  |
|--------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Esquema teorico adhesivo |               | T-113031                                                                                                                            |                  |
| Nº                       | Cant.         | Material                                                                                                                            | Nº Clasificación |
| Nº                       | Modificación  | Propuesta de                                                                                                                        | Fecha            |
| 1                        | Introducir VE | Maillo                                                                                                                              | 16/10/2001       |
|                          |               | Tolerancias generales                                                                                                               |                  |
|                          |               | <div> <div>&lt;5±</div> <div>5-25±</div> <div>25-50±</div> </div> <div> <div>50-100±</div> <div>&gt;100±</div> <div>∞±</div> </div> |                  |
| Dibujado                 |               | Firma                                                                                                                               | Fecha            |
| Proyectado               |               | KONTXI                                                                                                                              | 22/2/01          |
| Comprobado               |               | FAGOR                                          |                  |
| Escala                   |               | Fagor Industrial, Koop Elk, Mugatua                                                                                                 |                  |
| 5                        |               | HORNO HVG                                                                                                                           |                  |
|                          |               | Plano hau ez dateke erabili ez berrizta gure baimenitz gabe                                                                         |                  |
|                          |               | Mecanizado superficial                                                                                                              |                  |
|                          |               | Plano numero                                                                                                                        |                  |
|                          |               | HC-75606 -01                                                                                                                        |                  |
|                          |               | Sustituye al N°                                                                                                                     |                  |
|                          |               | HC-75448                                                                                                                            |                  |
|                          |               | Sustituido por                                                                                                                      |                  |

# ESPAÑOL

# FRANÇAIS

# ENGLISH

# DEUTSCH

# ITALIANO

## CODIGO DE COLORES:

r = rojo  
a = azul  
m = marron  
g = gris  
n = negro  
b = blanco  
vi = violeta  
am = amarillo  
na = naranja  
rs = rosa  
ve = verde  
am/ve = amarillo verde

## COMPONENTES:

BD = Bujía de detector de llama  
BE = Bujía de Encendido  
C = Condensador Motor  
**C.E.C. = Control Encendido cámara**  
C.E.V. = Control encendido vapor  
CN = Control nivel de agua  
① F, F1, F2, F3 = Fusible  
FI = Filtro interferencias  
**FM = Térmico Motor**  
GV1 = Electroválvula de gas cámara (Control)  
GV2 = Electroválvula de gas cámara (Seguridad)  
GV4 = Electroválvula de gas vapor (Control)  
GV5 = Electroválvula de gas vapor (Seguridad)  
la = Micro chimenea abierta  
lc = Micro chimenea cerrada  
IG = Interruptor general  
IP = Interruptor puerta  
IR = Selector regulador sonda núcleo  
L1 = Lámpara de funcionamiento  
L2 = Lámpara calentamiento cámara  
L4 = Lámpara entrada de vapor  
L3 = Lámpara indicador de bloqueo cámara  
L5 = Lámpara indicador de bloqueo vapor  
L6 = Lámpara seguridad de vapor  
L7 = Lámpara detección de cal  
Lz = Luz interior cámara  
M = Motor  
M1 = Motor accionamiento chimenea  
R2, R1, Ra = Relé Auxiliar  
RE1 = Regulador de energía  
RSTC = Pulsador de rearme cámara  
RSTV = Pulsador de rearme vapor  
RTS = Regulador sonda núcleo  
T100 = Termostato fijo 100°C  
Ta = Timbre avisador  
TC = Termostato cámara  
TCN = Termostato condensación  
TDC = Termostato detección de cal  
① TP, TMP = Temporizador  
① TRF, TRF1 = Transformador  
**TSC = Termostato seguridad cámara**  
TSV = Termostato seguridad de vapor  
TV = Termostato de vapor  
**V1 = Electroválvula de agua de llenado**  
VC = Ventilador centrifugo premezcla  
**VCN = Electroválvula de agua de condensación**  
**VE = Ventilador cuadro eléctrico**  
VF = Variador de frecuencia

## CODES DE COULEURS:

r = rouge  
a = bleu  
m = marron  
g = gris  
n = noir  
b = blanc  
vi = violet  
am = jaune  
na = orange  
rs = rose  
ve = vert  
am/ve = jaune/vert

## COMPOSANTS:

**BD = Veilleuse de détection de flamme**  
BE = Veilleuse d'allumage  
C = Condensateur moteur  
C.E.C. = Contrôle d'allumage de chambre  
C.E.V. = Contrôle d'allumage de vapeur  
CN = Contrôle du niveau d'eau  
① F, F1, F2, F3 = Fusible  
**FI = Filtre interférences**  
FM = Moteur thermique  
GV1 = Electrovalve de chambre gaz (contrôle)  
GV2 = Electrovalve de chambre gaz (sécurité)  
GV4 = Electrovalve de vapeur gaz (contrôle)  
GV5 = Electrovalve de vapeur gaz (sécurité)  
**la = Micro cheminée ouverte**  
**lc = Micro cheminée fermée**  
IG = Interruptor general  
IP = Interrupteur de porte  
IR = Sélecteur régulateur de sonde noyau  
L1 = Lampe de fonctionnement  
L2 = Lampe de chauffe chambre  
L4 = Lampe d'arrivée de vapeur  
L3 = Lampe témoin de blocage de chambre  
L5 = Lampe témoin de blocage de vapeur  
L6 = Lampe de sureté de vapeur  
L7 = Lampe de détection de calcaire  
Lz = Lumière intérieure de chambre  
M = Moteur  
**M1 = Actionnement moteur de cheminée**  
R2, R1, Ra = Relais auxiliaire  
**RE1 = Régulateur d'énergie**  
RSTC = Bouton de réarmement de chambre  
RSTV = Bouton de réarmement de vapeur  
RTS = Régulateur de sonde noyau  
T100 = Thermostat fixe 100°C  
Ta = Sonnerie d'alarme  
TC = Thermostat de chambre  
TCN = Thermostat de condensation  
TDC = Thermostat de détection de calcaire  
① TP, TMP = Temporisateur 0-120  
① TRF, TRF1 = Transformador  
**TSC = Thermostat de sureté de chambre**  
TSV = Thermostat de sureté de vapeur  
TV = Thermostat de vapeur  
V1 = Electrovalve de remplissage d'eau  
**VC = Ventilateur de centrifugeuse de prémélange**  
VCN = Electrovalve de condensation d'eau  
VE = Ventilateur tableau électrique  
VF = Variador de frecuencia

## COLOUR CODE:

r = red  
a = blue  
m = brown  
g = grey  
n = black  
b = white  
vi = violet  
am = yellow  
na = orange  
rs = pink  
ve = green  
am/ve = yellow-green

## COMPONENTS:

BD = Flame detector spark plug  
BE = Ignition spark plug  
C = Motor condenser  
C.E.C. = Cooking chamber ignition control  
C.E.V. = Steam ignition control  
CN = Water level control  
① F, F1, F2, F3 = Fusible  
FI = Interference filter  
FM = Motor thermal switch  
Cooking chamber gas solenoid valve (control)  
GV2 = Cooking chamber gas solenoid valve (safety)  
GV4 = Steam gas solenoid valve (control)  
GV5 = Steam gas solenoid valve (safety)  
**la = Chimney open microswitch**  
**lc = Chimney closed microswitch**  
IG = Interruptor general  
IP = Door switch  
IR = Core probe regulator selector  
L1 = On/off lamp  
L2 = Cooking chamber heating lamp  
L4 = Steam inlet lamp  
L3 = Cooking chamber lock indicator lamp  
L5 = Steam lock indicator lamp  
L6 = Steam safety lamp  
L7 = Lime detection lamp  
Lz = Cooking chamber interior lamp  
M = Motor  
M1 = Chimney drive motor  
R2, R1, Ra = Auxiliary relay  
RE1 = Energy regulator  
RSTC = Cooking chamber reset button  
RSTV = Steam reset button  
RTS = Core probe regulator  
T100 = Fixed 100°C thermostat  
Ta = Warning buzzer  
TC = Cooking chamber thermostat  
TCN = Condensation thermostat  
TDC = Lime detection thermostat  
① TP, TMP = 0-120 timer  
① TRF, TRF1 = Transformer  
**TSC = Cooking chamber safety thermostat**  
TSV = Steam safety thermostat  
TV = Steam thermostat  
V1 = Water filling solenoid valve  
VC = Pre-mix centrifuge fan  
VCN = Condensation water solenoid valve  
VE = Switchboard fan  
VF = Frequency inverter

## FARBENCODE:

r = rot  
a = blau  
m = braun  
g = grau  
n = schwarz  
b = weiss  
vi = violett  
am = gelb  
na = orangers  
rs = rosa  
ve = grün  
am/ve = gelb/grün

## KOMPONENTEN:

BD = Zündkerze des Flammendetektors  
BE = Zündkerze der Zündung  
C = Motorkondensator  
C.E.C. = Zündkontrolle Kammer  
C.E.V. = Zündkontrolle Dampf  
CN = Kontrolle Wasserstand  
① F, F1, F2, F3 = Fusible  
FI = Interferenzefilter  
FM = Thermomoter  
GV1 = Electroventil Gas, Kammer (Kontrolle)  
GV2 = Electroventil Gas, kammer (Sicherheit)  
GV4 = Electroventil Gas, Dampf (Kontrolle)  
GV5 = Electroventil Gas, Dampf (Sicherheit)  
**la = Mikroschacht geöffnet**  
**lc = Mikroschacht geschlossen**  
IG = Hauptschalter  
IP = Turschalter  
IR = Wahlregler Kernsonde  
L1 = Funktionsleuchtanzeige  
L2 = Erwärmungsleuchtanzeige Kammer  
L4 = Leuchtanzeige Dampfeintritt  
L3 = Leuchtanzeige Blockierung Kammer  
L5 = Leuchtanzeige Blockierung Dampf  
L6 = Sicherheitsleuchtanzeige Dampf  
L7 = Kalkanzeige  
Lz = Innenbeleuchtung Kammer  
M = Motor  
M1 = Motorantrieb Mikroschacht  
**R2, R1, Ra = Relé Auxiliar**  
RE1 = Hilfsrelais  
RSTC = Bedienungstaste Durch, Aufladung Kammer  
RSTV = Bedienungstaste Durch, Aufladung Dampf  
RTS = Kernsondenregler  
T100 = Thermostat auf 100°C  
Ta = Meldeklingel/Lautwerk  
TC = Thermostat Kammer  
TCN = Kondensationsthermostat  
TDC = Thermostat Kalkanzeige  
① TP, TMP = Zeitschalter 0-120  
① TRF, TRF1 = Transformator  
**TSC = Sicherheitsthermostat Kammer**  
TSV = Sicherheitsthermostat Dampf  
TV = Dampfthermostat  
V1 = Elektroventil Wasserfüllung  
VC = Zentrifugallüfter Vormischung  
VCN = Elektroventil Kondenswasser  
VE = Schalttafelventilator  
VF = Frequenzwandler

## CODICE DEI COLORI:

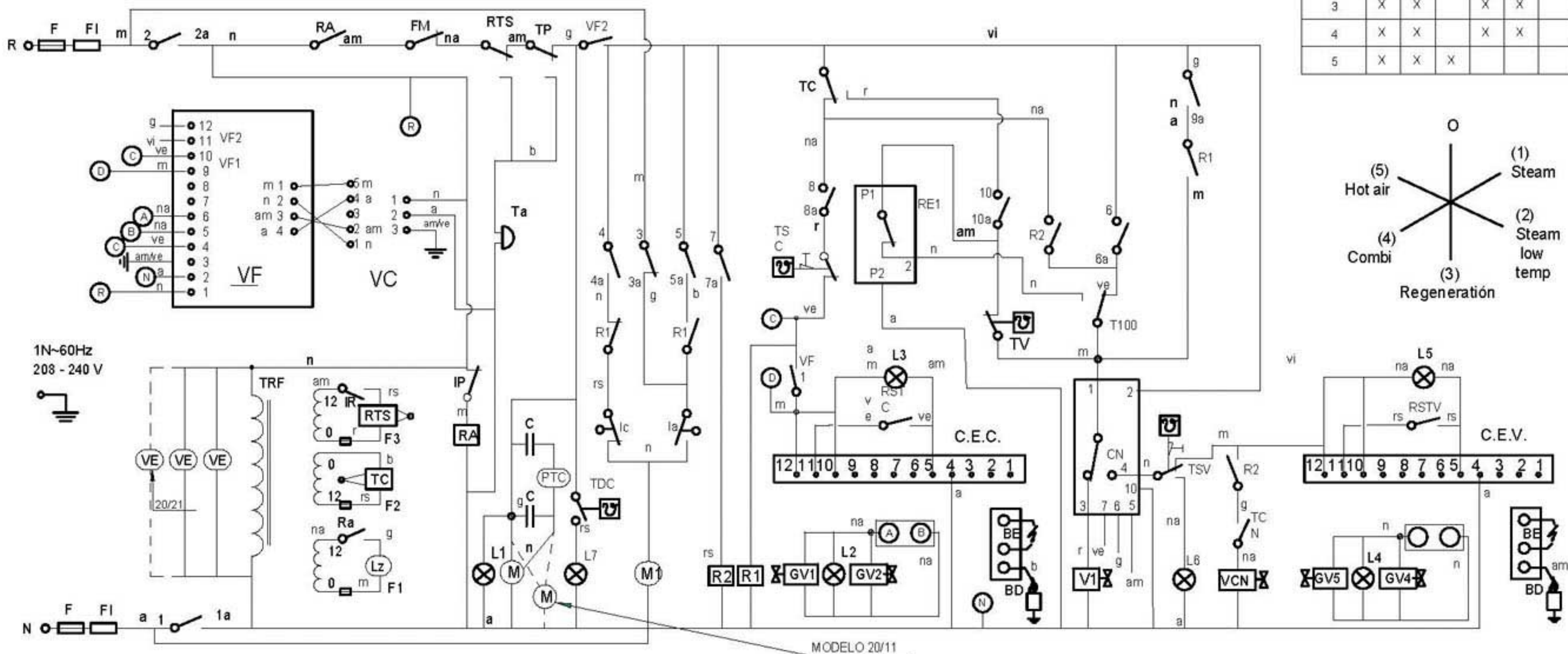
r = rosso  
a = azzurro  
m = marrone  
g = grigio  
n = nero  
b = bianco  
vi = viola  
am = giallo  
na = arancione  
rs = rosa  
ve = verde  
am/ve = giallo/verde

## COMPONENTI:

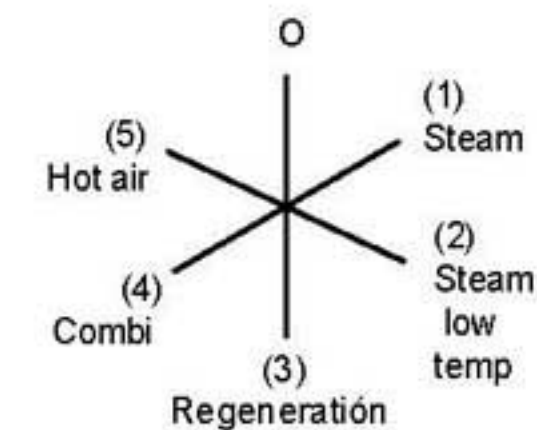
BD = Candela del rilevatore di fiamma  
BE = Candela d'accensione  
C = Condensatore motore  
C.E.C. = Controllo accensione cabina  
C.E.V. = Controllo accensione vapore  
CN = Controllo livello d'acqua  
① F, F1, F2, F3 = Fusibile  
FI = Filtro interferenze  
FM = Termico Motore  
GV1 = Elettrovalvola gas cabina (controllo)  
GV2 = Elettrovalvola gas cabina (sicurezza)  
GV4 = Elettrovalvola gas vapore (controllo)  
GV5 = Elettrovalvola gas vapore (sicurezza)  
**la = Micro camino aperto**  
**lc = Micro camino chiuso**  
IG = Interruttore generale  
IP = Interruttore porta  
IR = Selettore regolatore sonda nucleo  
L1 = Lampadina di funzionamento  
L2 = Lampadina riscaldamento cabina  
L4 = Lampadina ingresso vapore  
L3 = Lampadina indicatore di blocco cabina  
L5 = Lampadina indicatore di blocco vapore  
L6 = Lampadina di sicurezza vapore  
L7 = Lampadina rilevatore di calcare  
Lz = Luce interna cabina  
M = Motore  
M1 = Motore funzionamento camino  
R2, R1, Ra = Relais ausiliario  
**RE1 = Regolatore d'energia**  
RSTC = Pulsante di riarmo vapore  
RSTV = Regolatore sonda nucleo  
RTS = Regolador Sonda Nucleo  
T100 = Termostato fisso 100°C  
Ta = Campanello avvisatore  
TC = Termostato cabina  
TCN = Termostato condensazione  
TDC = Termostato rilevatore di calcare  
① TP, TMP = Timer 0-120  
① TRF, TRF1 = Transformador  
**TSC = Termostato sicurezza cabina**  
TSV = Termostato sicurezza vapore  
TV = Termostato vapore  
V1 = Elettrovalvola acqua di riempimento  
VC = Ventilatore centrifuga  
VCN = Elettrovalvola acqua di condensazione  
VE = Ventilatore quadro elettrico  
VF = Variatore di frequenza

HVG-10/11 HVG-10/21 HVG-20/11 HVG-20/21 (UL)

MFHVG-10/11 MFHVG-10/21 MFHVG-20/11 MFHVG-20/21



| IG | 1<br>1a | 2<br>2a | 3<br>3a | 4<br>4a | 5<br>5a | 6<br>6a | 7<br>7a | 8<br>8a | 9<br>9a | 10<br>10a |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| 0  |         |         | X       |         |         |         |         |         |         |           |
| 1  | X       | X       |         | X       |         | X       | X       |         |         |           |
| 2  | X       | X       |         | X       |         |         | X       |         |         |           |
| 3  | X       | X       |         | X       | X       |         |         | X       | X       | X         |
| 4  | X       | X       |         | X       | X       |         |         | X       |         | X         |
| 5  | X       | X       | X       |         |         |         |         | X       |         |           |



T113061000

|                          |              |                                                                                                              |                                          |
|--------------------------|--------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Esquema teorico adhesivo |              | T113061000                                                                                                   |                                          |
| Nº                       | Cant.        | Material                                                                                                     | Nº Clasificación                         |
| Nº                       | Modificación | Propuesta de                                                                                                 | Fecha                                    |
|                          |              | Egido                                                                                                        | 2002-07-17                               |
|                          |              | Tolerancias generales                                                                                        |                                          |
|                          |              | <div> <div> &lt;5± 5-25± 25-50± </div> <div> 50-100± &gt;100± X± </div> </div>                               |                                          |
| Firma                    |              | Fecha                                                                                                        | <br>Fagor Industrial, Koop. Elk. Mugatua |
| Dibujado                 |              | 30/10/01                                                                                                     |                                          |
| Proyectado               |              |                                                                                                              |                                          |
| Comprobado               |              |                                                                                                              |                                          |
| Escala                   |              | <div> <div> HORNO HVG </div> <div> Plano hau ez daitake erabil ez berritza gure baimenitz gabe </div> </div> |                                          |
|                          |              | <div> <div> Plano numero </div> <div> HC-76511 </div> </div>                                                 |                                          |
|                          |              | <div> <div> Sustituye al Nº </div> <div> HC-75606 </div> </div>                                              |                                          |
|                          |              | <div> <div> Sustituido por </div> </div>                                                                     |                                          |

