

# LIQUID RECEIVERS

## RECIPIENTES DE LÍQUIDO

CO<sub>2</sub>

HFC



Up to  
**130 bar**

|                                                        |                                                                |
|--------------------------------------------------------|----------------------------------------------------------------|
| VOLUME / VOLUMEN                                       | From 0.75L up to 5000L<br>Desde 0,75L hasta 5000L              |
| CONNECTION TYPE / TIPO DE CONEXIÓN                     | According to customer's request<br>Según solicitud del cliente |
| MAXIMUM ALLOWABLE PRESSURE<br>PRESIÓN MÁXIMA ADMISIBLE | Max. 130 bar                                                   |
| TEMPERATURE RANGE<br>RANGO DE TEMPERATURA              | -10 / 120 °C                                                   |
| REFRIGERANT GROUP<br>GRUPO DE REFRIGERANTE             | 1 and 2                                                        |



### OUR PRODUCT RANGE

### NUESTRAS GAMAS DE PRODUCTOS



ROTALOCK VALVES  
VÁLVULAS ROTALOCK



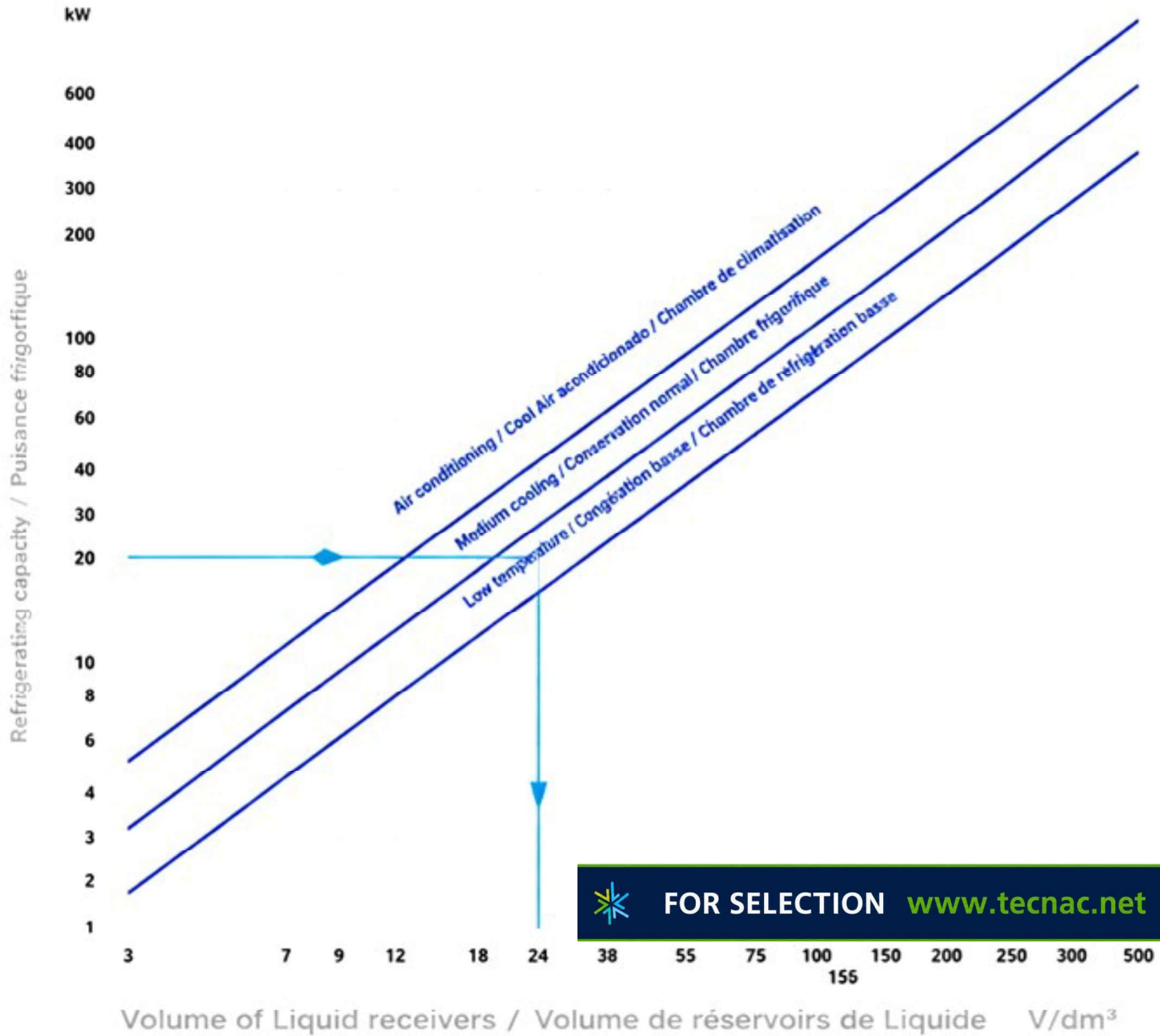
SAFETY VALVES  
VÁLVULAS DE SEGURIDAD



SERVICE VALVES  
VÁLVULAS DE SERVICIO



## SELECTION / SELECCIÓN



Factor for correcting receiver volume obtained below

Multiplicateur para la contención del volumen del recipiente indicado abajo

| f = 1,1                               | f = 1,0              | f = 1,2                                                                  | f = 1,4                                                 |
|---------------------------------------|----------------------|--------------------------------------------------------------------------|---------------------------------------------------------|
| R1234yf • R1234ze(E)<br>R513A • R450A | R454B • R454C<br>R32 | R744 (CO <sub>2</sub> )<br>Subcritical<br>(Temperatura crítica: 31,1 °C) | R404A • R507A • R407A<br>R407F • R448A • R449A<br>R452A |

Note: For other refrigerants, please consult our technical department.

Nota: Para otros refrigerantes, consulte con nuestro departamento técnico.



# TECNAC

## LIQUID RECEIVERS FROM 1L TO 15L

RECIPIENTES DE LIQUIDO DE 1L HASTA 15L

A2L-A3

HFC



The liquid receivers ensure the compensation of the variations in the volume of the refrigerant gas in the installations, which are due to the differences in operating temperature in different seasons and to the opening and closing sequences of the expansion valve that fills or not the evaporator of your refrigerant gas

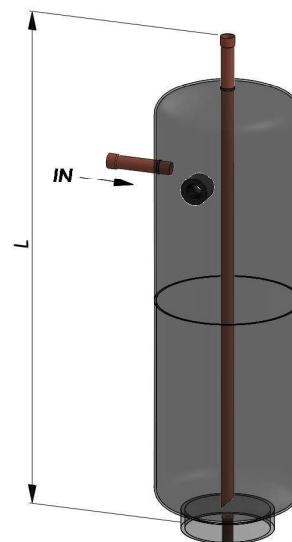
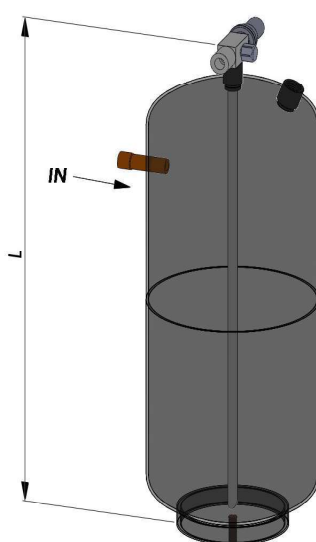
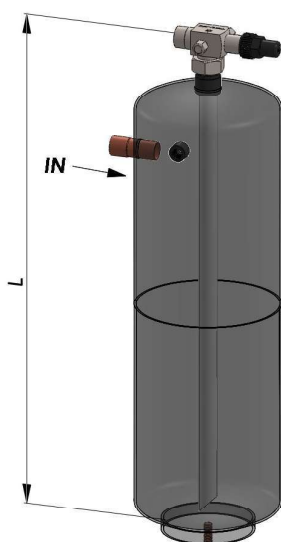
Allow the refrigerant gas of the installation to be stored, for maintenance or repair operations

Los depósitos de líquido aseguran la compensación de las variaciones de volumen del gas refrigerante en las instalaciones, las cuales son debidas a las diferencias de temperatura de funcionamiento en diferentes estaciones y a las secuencias de apertura y cierre de la válvula de expansión que llena o no el evaporador de su gas refrigerante

Permiten almacenar el gas refrigerante de la instalación, para las operaciones de mantenimiento o reparación

**MAXIMUM WORKING PRESSURE: 32 bar**

MAXIMA PRESIÓN DE TRABAJO: 32 bar



OPTIONAL / OPCIONAL

SAFETY VALVE  
VÁL. SEGURIDAD



ACCORDING TO EACH MODEL  
ACORDE A CADA MODELO





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DESIGN PRESSURE  
PRESIÓN DE DISEÑO

32 bar



DESIGN TEMPERATURE  
TEMPERATURA DE DISEÑO

-10/80°C

### VERTICAL LIQUID RECEIVER WITH ROTALOCK VALVE

RECIPIENTE DE LÍQUIDO VERTICAL CON VÁLVULA ROTALOCK

|         | Model<br>Modelo | Code<br>Código | Kg  | Vol (L) | Ø (mm) | L* (mm) | IN inch   | OUT inch      | SAFETY VALVE<br>VÁL.SEGURIDAD |
|---------|-----------------|----------------|-----|---------|--------|---------|-----------|---------------|-------------------------------|
| CAT- 0  | DVR-150-M       | 0.7011         | 1.1 | 1,2L    | 80     | 248     | 1/4 " ODS | 3/4" X 1/4"   | -                             |
| CAT. I  | DVR-200-M       | 0.7012         | 1.6 | 2L      | 110    | 270     | 3/8" ODS  | 3/4" X 3/8"   | -                             |
|         | DVR-300-M       | 0.7013         | 2.4 | 3L      | 110    | 397     | 1/2" ODS  | 1" X 1/2" ODS | 1/4 NPT                       |
|         | DVR-500-M       | 0.7014         | 3.7 | 5L      | 150    | 340     | 1/2" ODS  | 1" X 1/2" ODS | 1/4 NPT                       |
| CAT. II | DVR-700-M       | 0.7015         | 3.9 | 7L      | 150    | 475     | 1/2" ODS  | 1" X 1/2" ODS | 1/4 NPT                       |
|         | DVR-1100-M      | 0.7016         | 5.3 | 11L     | 180    | 467     | 5/8" ODS  | 1" X 1/2" ODS | 1/4 NPT                       |
|         | DVR-1500-M      | 0.7017         | 7.3 | 14L     | 180    | 632     | 7/8" ODS  | 1 1/4" X 7/8" | 1/4 NPT                       |

### VERTICAL LIQUID RECEIVER WITH TOP SERVICE VALVE

RECIPIENTE DE LÍQUIDO VERTICAL CON VÁLVULA DE SERVICIO SUPERIOR

|         | Model<br>Modelo | Code<br>Código | Kg  | Vol (L) | Ø (mm) | L* (mm) | IN inch  | OUT inch | SAFETY VALVE<br>VÁL.SEGURIDAD |
|---------|-----------------|----------------|-----|---------|--------|---------|----------|----------|-------------------------------|
| CAT. I  | BV2             | 22.022         | 1.6 | 2L      | 110    | 269     | 3/8" ODS | 3/8" ODS | -                             |
|         | BV3             | 22.023         | 2.4 | 3L      | 110    | 379     | 3/8" ODS | 1/2" ODS | -                             |
|         | BV5             | 22.024         | 3.7 | 5L      | 150    | 336     | 1/2" ODS | 1/2" ODS | -                             |
| CAT. II | BV7             | 22.037         | 3.9 | 7L      | 150    | 459     | 1/2" ODS | 1/2" ODS | 3/8" NPT                      |
|         | BV11            | 22.025         | 5.3 | 11L     | 180    | 464     | 1/2" ODS | 1/2" ODS | 3/8" NPT                      |
|         | BV15            | 22.026         | 7.3 | 14L     | 180    | 604     | 7/8" ODS | 5/8" ODS | 3/8" NPT                      |

### VERTICAL LIQUID RECEIVER WITH COPPER CONNECTIONS

RECIPIENTE DE LÍQUIDO VERTICAL CON CONEXIONES DE COBRE

|         | Model<br>Modelo | Code<br>Código | Kg  | Vol (L) | Ø (mm) | L* (mm) | IN inch  | OUT inch | SAFETY VALVE<br>VÁL.SEGURIDAD |
|---------|-----------------|----------------|-----|---------|--------|---------|----------|----------|-------------------------------|
| CAT- 0  | DVC-150-A       | 0.6001         | 1.1 | 1,2L    | 80     | 250     | 3/8 ODS  | 3/8 ODS  | -                             |
| CAT. I  | DVC-200-A       | 0.6002         | 1.6 | 2L      | 110    | 270     | 3/8 ODS  | 3/8 ODS  | -                             |
|         | DVC-300-A       | 0.6003         | 2.4 | 3L      | 110    | 390     | 3/8 ODS  | 3/8 ODS  | 1/4 NPT                       |
|         | DVC-500-A       | 0.6004         | 3.2 | 5L      | 150    | 348     | 1/2" ODS | 1/2" ODS | 1/4 NPT                       |
| CAT. II | DVC-700-A       | 0.6005         | 4   | 7L      | 150    | 468     | 1/2" ODS | 1/2" ODS | 1/4 NPT                       |
|         | DVC-1100-A      | 0.6006         | 5.2 | 11L     | 180    | 480     | 3/4" ODS | 3/4" ODS | 1/4 NPT                       |
|         | DVC-1500-A      | 0.6007         | 7   | 14L     | 180    | 620     | 3/4" ODS | 3/4" ODS | 1/4 NPT                       |

NOTE:

\* TOLERANCE  $\pm 3\%$





# TECNAC

## LIQUID RECEIVERS FROM 1L TO 15L

RECIPIENTES DE LIQUIDO DE 1L HASTA 15L

A2L-A3

CO<sub>2</sub>

HFC



The liquid receivers ensure the compensation of the variations in the volume of the refrigerant gas in the installations, which are due to the differences in operating temperature in different seasons and to the opening and closing sequences of the expansion valve that fills or not the evaporator of your refrigerant gas

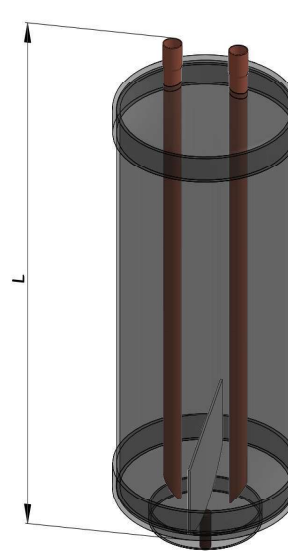
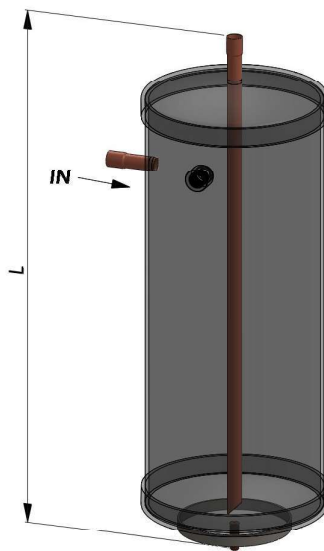
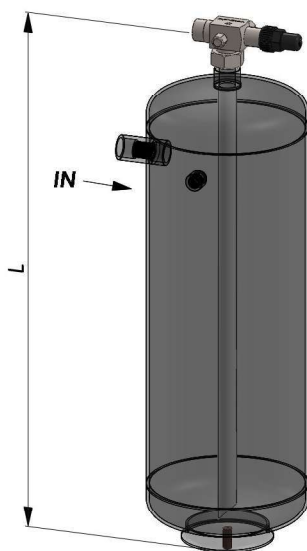
Allow the refrigerant gas of the installation to be stored, for maintenance or repair operations

Los depósitos de líquido aseguran la compensación de las variaciones de volumen del gas refrigerante en las instalaciones, las cuales son debidas a las diferencias de temperatura de funcionamiento en diferentes estaciones y a las secuencias de apertura y cierre de la válvula de expansión que llena o no el evaporador de su gas refrigerante

Permiten almacenar el gas refrigerante de la instalación, para las operaciones de mantenimiento o reparación

**MAXIMUM WORKING PRESSURE: 45 bar**

MAXIMA PRESIÓN DE TRABAJO: 45 bar



OPTIONAL / OPCIONAL

SAFETY VALVE  
VÁL. SEGURIDAD



ACCORDING TO EACH MODEL  
ACORDE A CADA MODELO





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|                                                                                   |                                      |        |                                                                                   |                                             |          |
|-----------------------------------------------------------------------------------|--------------------------------------|--------|-----------------------------------------------------------------------------------|---------------------------------------------|----------|
|  | DESIGN PRESSURE<br>PRESIÓN DE DISEÑO | 45 bar |  | DESIGN TEMPERATURE<br>TEMPERATURA DE DISEÑO | -10/80°C |
|  | DESIGN PRESSURE<br>PRESIÓN DE DISEÑO | 20 bar |  | DESIGN TEMPERATURE<br>TEMPERATURA DE DISEÑO | -40/80°C |

## VERTICAL LIQUID RECEIVER WITH ROTALOCK VALVE RECIPIENTE DE LÍQUIDO VERTICAL CON VÁLVULA ROTALOCK

|         | Model<br>Modelo  | Code<br>Código | Kg  | Vol (L) | Ø (mm) | L* (mm) | IN inch  | OUT inch          | SAFETY VALVE<br>VÁLV.SEGURIDAD |
|---------|------------------|----------------|-----|---------|--------|---------|----------|-------------------|--------------------------------|
| CAT- 0  | DVR-150-M/42bar  | 0.7020         | 2.8 | 1,2L    | 80     | 248     | 1/4" ODS | 3/4" X 1/4" ODS   | -                              |
| CAT. I  | DVR-200-M/45bar  | 0.7021         | 3   | 2L      | 127    | 270     | 3/8" ODS | 3/4" X 3/8" ODS   | -                              |
|         | DVR-300-M/45bar  | 0.7022         | 5   | 3L      | 127    | 397     | 1/2" ODS | 1" X 1/2" ODS     | 1/4 NPT                        |
|         | DVR-500-M/45bar  | 0.7023         | 6   | 5L      | 159    | 340     | 1/2" ODS | 1" X 1/2" ODS     | 1/4 NPT                        |
| CAT. II | DVR-700-M/45bar  | 0.7024         | 8   | 7L      | 159    | 475     | 1/2" ODS | 1" X 1/2" ODS     | 1/4 NPT                        |
|         | DVR-1100-M/45bar | 0.7025         | 12  | 11L     | 193    | 467     | 5/8" ODS | 1" X 1/2" ODS     | 1/4 NPT                        |
|         | DVR-1500-M/45bar | 0.7026         | 14  | 14L     | 193    | 632     | 7/8" ODS | 1 1/4" X 7/8" ODS | 1/4 NPT                        |

## VERTICAL LIQUID RECEIVER WITH COPPER CONNECTIONS RECIPIENTE DE LÍQUIDO VERTICAL CON CONEXIONES DE COBRE

|         | Model<br>Modelo  | Code<br>Código | Kg  | Vol (L) | Ø (mm) | L* (mm) | IN inch  | OUT inch | SAFETY VALVE<br>VÁLV.SEGURIDAD |
|---------|------------------|----------------|-----|---------|--------|---------|----------|----------|--------------------------------|
| CAT- 0  | DVC-150-A/42bar  | 0.6016         | 2.5 | 1,2L    | 80     | 250     | 3/8 ODS  | 3/8 ODS  | -                              |
| CAT. I  | DVC-200-A/45bar  | 0.6013         | 3   | 2L      | 127    | 270     | 3/8 ODS  | 3/8 ODS  | -                              |
|         | DVC-300-A/45bar  | 0.6017         | 6   | 3L      | 127    | 390     | 3/8 ODS  | 3/8 ODS  | 1/4 NPT                        |
|         | DVC-500-A/45bar  | 0.6012         | 7   | 5L      | 159    | 348     | 1/2" ODS | 1/2" ODS | 1/4 NPT                        |
| CAT. II | DVC-700-A/45bar  | 0.6009         | 8   | 7L      | 159    | 468     | 1/2" ODS | 1/2" ODS | 1/4 NPT                        |
|         | DVC-1100-A/45bar | 0.6010         | 12  | 11L     | 193    | 480     | 3/4" ODS | 3/4" ODS | 1/4 NPT                        |
|         | DVC-1500-A/45bar | 0.6011         | 13  | 14L     | 193    | 620     | 3/4" ODS | 3/4" ODS | 1/4 NPT                        |

|  | Model<br>Modelo | Code<br>Código | Kg  | Vol (L) | Ø (mm) | L* (mm) | IN inch  | OUT inch | SAFETY VALVE<br>VÁLV.SEGURIDAD |
|-------------------------------------------------------------------------------------|-----------------|----------------|-----|---------|--------|---------|----------|----------|--------------------------------|
| CAT- 0                                                                              | DVY-0.75/42bar  | 113.001        | 2   | 0,75L   | 80     | 190     | 1/2" ODS | 1/2" ODS | -                              |
|                                                                                     | DVY-1.5/42bar   | 113.002        | 2.6 | 1.5L    | 80     | 260     | 1/2" ODS | 1/2" ODS | 1/4 NPT                        |
| CAT. I                                                                              | DVY-2/45bar     | 113.003        | 3.3 | 2L      | 127    | 248     | 5/8" ODS | 5/8" ODS | 1/4 NPT                        |
|                                                                                     | DVY-3/45bar     | 113.004        | 4.8 | 3L      | 127    | 348     | 5/8" ODS | 5/8" ODS | 1/4 NPT                        |
|                                                                                     | DVY-5/45bar     | 113.005        | 6.4 | 5L      | 159    | 340     | 5/8" ODS | 5/8" ODS | 1/4 NPT                        |
| CAT. II                                                                             | DVY-7/45bar     | 113.006        | 10  | 7L      | 159    | 440     | 5/8" ODS | 5/8" ODS | 1/4 NPT                        |
|                                                                                     | DVY-11/45bar    | 113.007        | 12  | 11L     | 219    | 390     | 7/8" ODS | 7/8" ODS | 1/4 NPT                        |
|                                                                                     | DVY15/45bar     | 113.008        | 16  | 15L     | 219    | 521     | 7/8" ODS | 7/8" ODS | 1/4 NPT                        |

NOTE:

\* TOLERANCE ± 3%



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## VERTICAL LIQUID RECEIVERS

RECIPIENTES DE LIQUIDO VERTICAL

A2L-A3

HFC



MODEL BAV-18  
MODELO BAV-18:



**MAXIMUM WORKING PRESSURE: 32 bar**

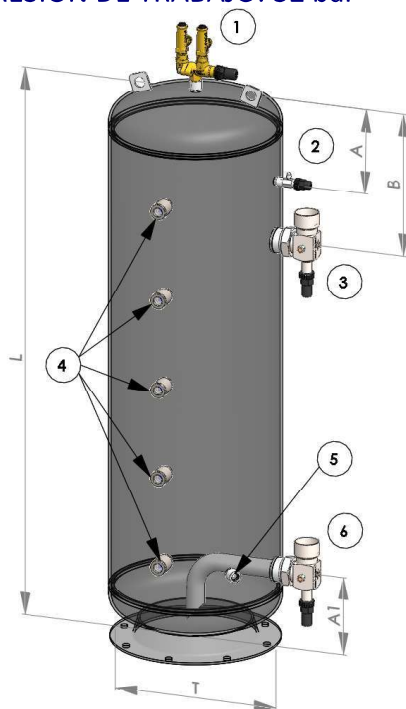
**MAXIMA PRESIÓN DE TRABAJO: 32 bar**

The liquid receivers ensure the compensation of the variations in the volume of the refrigerant gas in the installations, which are due to the differences in operating temperature in different seasons and to the opening and closing sequences of the expansion valve that fills or not the evaporator of your refrigerant gas

Allow the refrigerant gas of the installation to be stored, for maintenance or repair operations

Los depósitos de líquido aseguran la compensación de las variaciones de volumen del gas refrigerante en las instalaciones, las cuales son debidas a las diferencias de temperatura de funcionamiento en diferentes estaciones y a las secuencias de apertura y cierre de la válvula de expansión que llena o no el evaporador de su gas refrigerante

Permiten almacenar el gas refrigerante de la instalación, para las operaciones de mantenimiento o reparación



- 1.- SAFETY VALVE / VÁLVULA DE SEGURIDAD
- 2.- SERVICE VALVE 1/4" / VÁLVULA DE SERVICIO 1/4"
- 3.- INLET ROTALOCK VALVE / VÁLVULA DE ENTRADA ROTALOCK.
- 4.- SIGHT GLASSES / VISORES NIVEL DE LÍQUIDO
- 5.- 1/2" NPT FOR LEVEL DETECTOR / CONEXIÓN DETECTOR DE NIVEL 1/2" NPT
- 6.- OUTLET ROTALOCK VALVE / VÁLVULA SALIDA ROTALOCK.

### OPTIONAL / OPCIONAL

SAFETY VALVE  
VÁL. SEGURIDAD



ACCORDING TO EACH MODEL  
ACORDE A CADA MODELO

ELECTRONICAL LEVEL DETECTOR  
DETECTOR DE NIVEL ELECTRÓNICO



CODE / CÓDIGO: A-005308





TECNAC



DESIGN PRESSURE  
PRESIÓN DE DISEÑO

32 bar



DESIGN TEMPERATURE  
TEMPERATURA DE DISEÑO

-20/+100°C

|          | Model<br>Modelo | Code<br>Código | Kg   | Vol (L) | Valves<br>Válvulas |                    | Safety valve<br>Válvula<br>Seguridad | Sight glasses<br>Visores (1") | DIMENSIONS<br>DIMENSIONES (mm) |      |      |         |     |
|----------|-----------------|----------------|------|---------|--------------------|--------------------|--------------------------------------|-------------------------------|--------------------------------|------|------|---------|-----|
|          |                 |                |      |         | IN inch<br>Entrada | OUT inch<br>Salida |                                      |                               | Ø                              | L*   | T    | A/A1*   | B*  |
| CAT. II  | BAV-18          | 12.004         | 15   | 18      | 7/8" ODS           | 1" X 5/8" ODS      | 3/8"                                 | -                             | 273                            | 435  | 300  | - / 267 | -   |
| CAT. II  | RV-30           | 0.8001         | 26   | 30      | 1 3/4" x 1 1/8"    | 1 1/4" x 7/8"      | 3/8"                                 | 3                             | 273                            | 642  | Ø220 | 123/180 | 123 |
| CAT. III | RV-45           | 0.8002         | 33   | 45      | 1 3/4" x 1 1/8"    | 1 3/4" x 1 1/8"    | 3/8"                                 | 3                             | 273                            | 925  | Ø220 | 116/180 | 216 |
|          | RV-60           | 0.8003         | 40   | 60      | 1 3/4" x 1 3/8"    | 1 3/4" x 1 1/8"    | 3/8"                                 | 3                             | 323,9                          | 865  | Ø280 | 130/180 | 215 |
|          | RV-90           | 0.8004         | 61   | 90      | 2 1/4" x 1 5/8"    | 1 3/4" x 1 3/8"    | 1/2"                                 | 3                             | 323,9                          | 1200 | Ø280 | 125/180 | 250 |
| CAT. IV  | RV-120          | 0.8005         | 73   | 120     | 2 1/4" x 2 1/8"    | 2 1/4" x 1 5/8"    | 2 x 1/2"                             | 5                             | 323,9                          | 1680 | Ø280 | 150/180 | 350 |
|          | RV-150          | 0.8012         | 94   | 150     | 2 1/4" x 2 1/8"    | 2 1/4" x 1 5/8"    | 2 x 1/2"                             | 5                             | 406,4                          | 1356 | Ø355 | 150/190 | 350 |
|          | RV-180          | 0.8006         | 111  | 180     | 2 1/4" x 2 1/8"    | 2 1/4" x 1 5/8"    | 2 x 1/2"                             | 5                             | 406,4                          | 1606 | Ø355 | 165/184 | 350 |
|          | RV-250          | 0.8013         | 133  | 225     | 2 1/2"             | 2 1/4" x 2 1/8"    | 2 x 1/2"                             | 5                             | 406                            | 1766 | Ø355 | 165/184 | 280 |
|          | RV250 (610)     | 0.8028         | 185  | 250     | 2 1/2"             | 2 1/4" x 2 1/8"    | 2 x 1/2"                             | 3                             | 610                            | 1032 | Ø530 | 205/263 | 305 |
|          | RV-350          | 0.8008         | 208  | 350     | 3"                 | 2 1/2"             | 2 x 1/2"                             | 5                             | 610                            | 1442 | Ø530 | 205/263 | 344 |
|          | RV-500          | 0.8009         | 253  | 500     | 3"                 | 2 1/2"             | 2 x 1/2"                             | 5                             | 610                            | 1780 | Ø530 | 237/253 | 389 |
|          | RV-750          | 0.8010         | 397  | 750     | 4"                 | 3"                 | 2 x 1/2"                             | 5                             | 610                            | 2738 | Ø530 | 253/253 | 405 |
|          | RV-750 (813)    | 0.8029         | 540  | 750     | 4"                 | 3"                 | 2 X 1/2"                             | 3                             | 813                            | 1670 | □640 | 250/340 | 388 |
|          | RV-1000         | 0.8011         | 570  | 1000    | 5"                 | 4"                 | 2 x 1/2"                             | 5                             | 813                            | 2040 | □640 | 235/330 | 375 |
|          | RV-1250         | 0.8007         | 710  | 1250    | 5"                 | 4"                 | 2 x 1/2"                             | 5                             | 813                            | 2540 | □640 | 310/330 | 640 |
|          | RV-1500         | 0.8014         | 830  | 1500    | 5"                 | 4"                 | 2 x 1/2"                             | 5                             | 813                            | 3040 | □640 | 310/350 | 640 |
|          | RV-2000         | 0.8015         | 960  | 2000    | 5"                 | 4"                 | 2 x 1/2"                             | 5                             | 914                            | 3182 | □640 | 310/382 | 503 |
|          | RV-2500         | 0.8018         | 1350 | 2500    | 5"                 | 4"                 | 1"                                   | 5                             | 914                            | 4169 | □640 | 310/382 | 640 |

For the models / Para los modelos :

RV-250, RV-350, RV-500, RV-750, RV-1000, RV-1250, RV-1500 and RV-2000, valves (válvulas) 2 1/2", 3", 4" y 5"

**CONSULT FOR R410A**  
CONSULTAR PARA R410A

NOTE:

\* TOLERANCE ± 3%





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## HORIZONTAL LIQUID RECEIVERS FROM 15L

RECIPIENTES DE LIQUIDO HORIZONTAL DESDE 15L

A2L-A3

HFC



**MAXIMUM WORKING PRESSURE: 32 bar**

**MAXIMA PRESIÓN DE TRABAJO: 32 bar**

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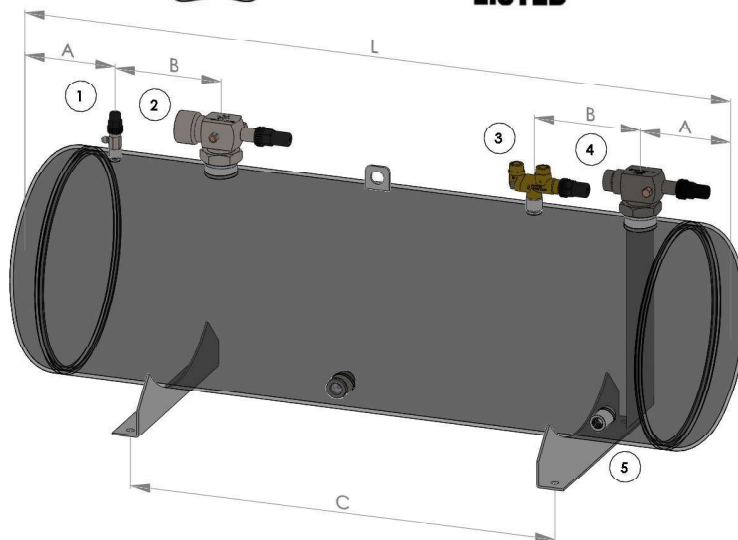
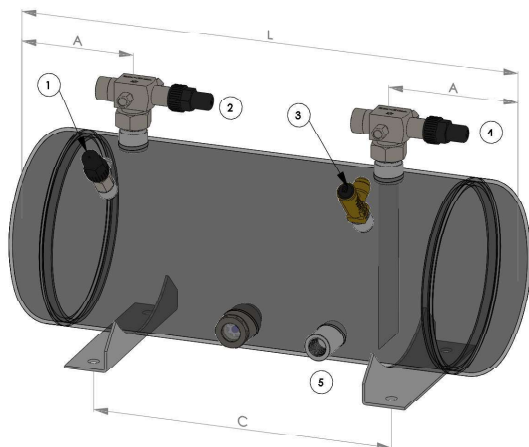
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Permiten almacenar el gas refrigerante de la instalación, para las operaciones de mantenimiento o reparación



(\*) RH20:



- 1.- SERVICE VALVE 1/4" / VÁLVULA DE SERVICIO 1/4"
- 2.- INLET ROTALOCK VALVE / VÁLVULA DE ENTRADA ROTALOCK.
- 3.- SAFETY VALVE / VÁLVULA DE SEGURIDAD
- 4.- OUTLET ROTALOCK VALVE / VÁLVULA SALIDA ROTALOCK.
- 5.- 1/2" NPT FOR LEVEL DETECTOR / CONEXIÓN DETECTOR DE NIVEL 1/2" NPT

### OPTIONAL / OPCIONAL

SAFETY VALVE  
VÁL. SEGURIDAD



ACCORDING TO EACH MODEL  
ACORDE A CADA MODELO

ELECTRONICAL LEVEL DETECTOR  
DETECTOR DE NIVEL ELECTRÓNICO



CODE / CÓDIGO: A-005308





TECNAC

DESIGN PRESSURE  
PRESIÓN DE DISEÑO

32 bar

DESIGN TEMPERATURE  
TEMPERATURA DE DISEÑO

-20/+100°C

|          | Model<br>Modelo | Code<br>Código | Kg    | V (L) | VALVES              |                     | SAFETY<br>Seguridad | Sightglass<br>Visor | DIMENSIONS<br>DIMENSIONES (mm) |      |     |     |      |     |
|----------|-----------------|----------------|-------|-------|---------------------|---------------------|---------------------|---------------------|--------------------------------|------|-----|-----|------|-----|
|          |                 |                |       |       | VÁLVULAS            |                     |                     |                     | Ø                              | L*   | A*  | B*  | C    | T   |
|          |                 |                |       |       | IN                  | OUT                 |                     |                     |                                |      |     |     |      |     |
|          |                 |                |       |       | Entrada             | Salida              |                     |                     |                                |      |     |     |      |     |
| CAT. II  | RH-20           | 0.9016         | 14.5  | 20    | 1 1/4" x 7/8" ODS   | 1 1/4" x 7/8" ODS   | 3/8"                | 1                   | 219,1                          | 583  | 152 | (*) | 350  | 170 |
|          | RH-30           | 0.9001         | 21    | 30    | 1 3/4" x 1 1/8" ODS | 1 1/4" x 7/8" ODS   | 3/8"                | 1                   | 219,1                          | 866  | 123 | 160 | 500  | 170 |
| CAT. III | RH-45           | 0.9002         | 29.5  | 45    | 1 3/4" x 1 1/8" ODS | 1 3/4" x 1 1/8" ODS | 3/8"                | 1                   | 219,1                          | 1310 | 120 | 200 | 600  | 170 |
|          | RH-60           | 0.9003         | 33    | 60    | 1 3/4" x 1 3/8" ODS | 1 3/4" x 1 1/8" ODS | 3/8"                | 1                   | 273                            | 1142 | 141 | 200 | 600  | 220 |
|          | RH-90           | 0.9004         | 40    | 90    | 2 1/4" x 1 5/8" ODS | 1 3/4" x 1 3/8" ODS | 1/2"                | 1                   | 273                            | 1635 | 128 | 200 | 800  | 220 |
| CAT. IV  | RH-120          | 0.9005         | 63    | 120   | 2 1/4" x 2 1/8" ODS | 2 1/4" x 1 5/8" ODS | 2 x 1/2"            | 1                   | 273                            | 2140 | 215 | 400 | 1100 | 220 |
|          | RH-150          | 0.9012         | 96.4  | 150   | 2 1/4" x 2 1/8" ODS | 2 1/4" x 1 5/8" ODS | 2 x 1/2"            | 1                   | 406.4                          | 1330 | 170 | 200 | 800  | 350 |
|          | RH-180          | 0.9006         | 111.4 | 180   | 2 1/4" x 2 1/8" ODS | 2 1/4" x 1 5/8" ODS | 2 x 1/2"            | 1                   | 406,4                          | 1580 | 170 | 200 | 900  | 350 |
|          | RH-250          | 0.9013         | 152.8 | 250   | 2 1/2"              | 2 1/4" x 2 1/8" ODS | 2 x 1/2"            | 1                   | 406,4                          | 2100 | 275 | 400 | 1100 | 350 |
|          | RH-350          | 0.9008         | 212.2 | 350   | 3"                  | 2 1/2"              | 2 x 1/2"            | 1                   | 406,4                          | 2900 | 270 | 400 | 1500 | 350 |
|          | RH-500          | 0.9009         | 257.5 | 500   | 3"                  | 2 1/2"              | 2 x 1/2"            | 1                   | 610                            | 1764 | 310 | 400 | 1100 | 450 |
|          | RH-750          | 0.9010         | 384   | 750   | 4"                  | 3"                  | 2 x 1/2"            | 1                   | 610                            | 2714 | 352 | 400 | 1700 | 450 |
|          | RH-1000         | 0.9011         | 562.7 | 1000  | 5"                  | 4"                  | 2 x 1/2"            | 1                   | 813                            | 2000 | 368 | 400 | 1000 | 840 |
|          | RH-1250         | 0.9007         | 683   | 1250  | 5"                  | 4"                  | 2 x 1/2"            | 1                   | 813                            | 2500 | 355 | 350 | 1500 | 840 |
|          | RH-1500         | 0.9014         | 803   | 1500  | 5"                  | 4"                  | 2 x 1/2"            | 1                   | 813                            | 3000 | 355 | 350 | 2000 | 840 |
|          | RH-2000         | 0.9015         | 957.7 | 2000  | 5"                  | 4"                  | 2 x 1/2"            | 1                   | 914                            | 3150 | 355 | 350 | 1513 | 940 |
|          | RH-2500         | 0.9029         | 1270  | 2500  | 5"                  | 4"                  | 1"                  | 1                   | 914                            | 4137 | 355 | 350 | 2500 | 940 |

For the models / Para los modelos :

RV-250, RV-350, RV-500, RV-750, RV-1000, RV-1250, RV-1500 and RV-2000, valves (válvulas) 2 1/2", 3", 4" y 5"

CONSULT FOR R410A  
CONSULTAR PARA R410A

NOTE:

\* TOLERANCE  $\pm 3\%$



TECNAC

# HORIZONTAL LIQUID RECEIVERS WITH BASEPLATE FOR COMPRESSOR

RECIPIENTES DE LIQUIDO HORIZONTAL CON SOPORTE PARA COMPRESOR

A2L-A3

HFC



(\*) RHC15:



The liquid receivers ensure the compensation of the variations in the volume of the refrigerant gas in the installations, which are due to the differences in operating temperature in different seasons and to the opening and closing sequences of the expansion valve that fills or not the evaporator of your refrigerant gas

Allow the refrigerant gas of the installation to be stored, for maintenance or repair operations

Los depósitos de líquido aseguran la compensación de las variaciones de volumen del gas refrigerante en las instalaciones, las cuales son debidas a las diferencias de temperatura de funcionamiento en diferentes estaciones y a las secuencias de apertura y cierre de la válvula de expansión que llena o no el evaporador de su gas refrigerante

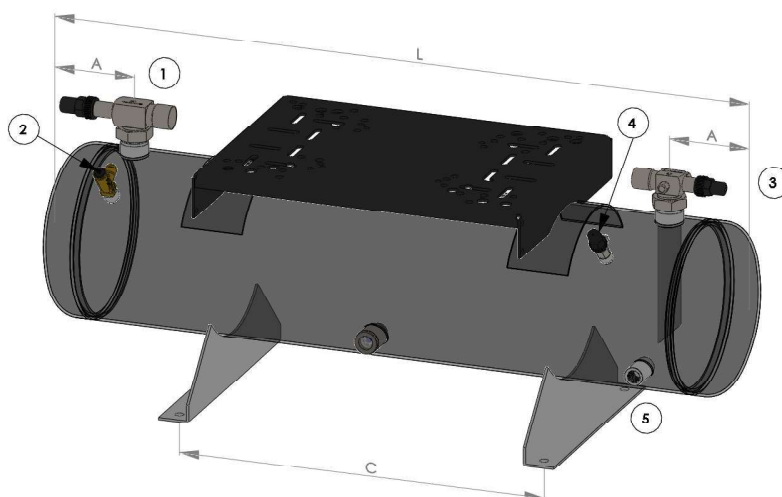
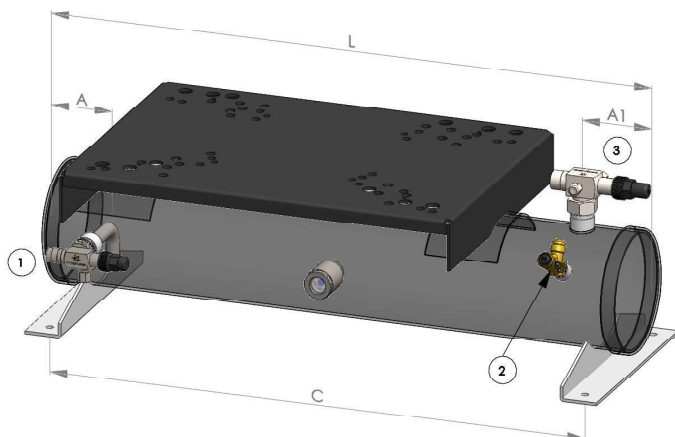
Permiten almacenar el gas refrigerante de la instalación, para las operaciones de mantenimiento o reparación

**MAXIMUM WORKING PRESSURE: 32 bar**

**MAXIMA PRESIÓN DE TRABAJO: 32 bar**



(\*) RHC15:



- 1.- INLET ROTALOCK VALVE / VÁLVULA DE ENTRADA ROTALOCK.
- 2.- SAFETY VALVE / VÁLVULA DE SEGURIDAD
- 3.- OUTLET ROTALOCK VALVE / VÁLVULA SALIDA ROTALOCK.
- 4.- SERVICE VALVE 1/4" / VÁLVULA DE SERVICIO 1/4"
- 5.- 1/2" NPT FOR LEVEL DETECTOR / CONEXIÓN DETECTOR DE NIVEL 1/2" NPT

## OPTIONAL / OPCIONAL

SAFETY VALVE  
VÁL. SEGURIDAD



ACCORDING TO EACH MODEL  
ACORDE A CADA MODELO

ELECTRONICAL LEVEL DETECTOR  
DETECTOR DE NIVEL ELECTRÓNICO



CODE / CÓDIGO: A-005308





# TECNAC



**DESIGN PRESSURE**  
PRESIÓN DE DISEÑO

**32 bar**



**DESIGN TEMPERATURE**  
TEMPERATURA DE DISEÑO

**-20/+100°C**

| 32 bar<br>-20/100°C | Model<br>Modelo | Code<br>Código | Kg   | Vol<br>(L) | SAFETY<br>VALVE<br>Válvula<br>Seguridad | Sightglass<br>Visores | Valve<br>Válvula   |                    | DIMENSIONS—<br>DIMENSIONES (mm) |      |     |      |     | TYPE OF<br>COMPRESSORS<br>TIPOS DE COMPRESOR                                                                                       |
|---------------------|-----------------|----------------|------|------------|-----------------------------------------|-----------------------|--------------------|--------------------|---------------------------------|------|-----|------|-----|------------------------------------------------------------------------------------------------------------------------------------|
|                     |                 |                |      |            |                                         |                       | IN inch<br>Entrada | OUT inch<br>Salida | Ø                               | L*   | A*  | C    | T   |                                                                                                                                    |
| CAT. II             | RHC-15          | 37.007         | 16   | 15         | 3/8"                                    | 1                     | 1 1/4" x 7/8"      | 1" x 5/8"          | 159                             | 830  | (*) | 740  | 250 | ADAPTED TO ALL<br>THE<br>COMPRESSORS<br>BITZER<br>REFCOMP<br>COPELAND<br>FRASCOLD<br>DURINZ<br>OTHER Consult.<br>OTROS (consultar) |
| CAT. II             | RHC-20          | 37.006         | 24   | 20         | 3/8"                                    | 1                     | 1 1/4" x 7/8"      | 1 1/4" x 7/8"      | 193                             | 800  | 99  | 400  | 250 |                                                                                                                                    |
|                     | RHC-30          | 37.001         | 30   | 30         | 3/8"                                    | 1                     | 1 3/4" x 1 1/8"    | 1 1/4" x 7/8"      | 219,1                           | 866  | 103 | 500  | 300 |                                                                                                                                    |
| CAT. III            | RHC-45          | 37.002         | 41.5 | 45         | 3/8"                                    | 1                     | 1 3/4" x 1 1/8"    | 1 3/4" x 1 1/8"    | 219,1                           | 1310 | 110 | 600  | 300 |                                                                                                                                    |
|                     | RHC-60          | 37.003         | 44   | 60         | 3/8"                                    | 1                     | 1 3/4" X 1 3/8"    | 1 3/4" x 1 1/8"    | 273                             | 1142 | 131 | 600  | 350 |                                                                                                                                    |
|                     | RHC-90          | 37.004         | 56   | 90         | 1/2"                                    | 1                     | 2 1/4" x 1 5/8"    | 1 3/4" x 1 3/8"    | 273                             | 1635 | 134 | 800  | 350 |                                                                                                                                    |
| CAT. IV             | RHC-120         | 37.005         | 97   | 120        | 2 x 1/2"                                | 1                     | 2 1/4" x 2 1/8"    | 2 1/4" x 1 5/8"    | 273                             | 2140 | 140 | 1100 | 350 |                                                                                                                                    |

**CONSULT FOR R410A**  
CONSULTAR PARA R410A

NOTE:

\* TOLERANCE ± 3%



# TECNAC

## CO<sub>2</sub> VERTICAL RECEIVERS RECIPIENTES VERTICALES PARA CO<sub>2</sub>

CO<sub>2</sub>



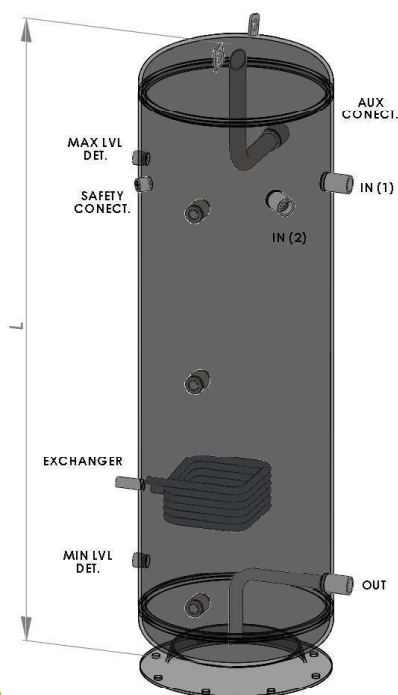
The liquid receivers ensure the compensation of the variations in the volume of the refrigerant gas in the installations, which are due to the differences in operating temperature in different seasons and to the opening and closing sequences of the expansion valve that fills or not the evaporator of your refrigerant gas

Allow the refrigerant gas of the installation to be stored, for maintenance or repair operations

Los depósitos de líquido aseguran la compensación de las variaciones de volumen del gas refrigerante en las instalaciones, las cuales son debidas a las diferencias de temperatura de funcionamiento en diferentes estaciones y a las secuencias de apertura y cierre de la válvula de expansión que llena o no el evaporador de su gas refrigerante

Permiten almacenar el gas refrigerante de la instalación, para las operaciones de mantenimiento o reparación

**MAXIMUM WORKING PRESSURE: 45 bar**  
**MAXIMA PRESIÓN DE TRABAJO: 45 bar**



### OPTIONAL / OPCIONAL

SAFETY VALVE  
VÁL. SEGURIDAD



ACCORDING TO EACH MODEL  
ACORDE A CADA MODELO

ELECTRONICAL LEVEL DETECTOR  
DETECTOR DE NIVEL ELECTRÓNICO



CODE / CÓDIGO: A-005308





# TECNAC



**DESIGN PRESSURE**  
PRESIÓN DE DISEÑO

**45 bar**



**DESIGN TEMPERATURE**  
TEMPERATURA DE DISEÑO

**-10/120°C**

|          | Model<br>Modelo                   | Code<br>Código | V (L) | Ø<br>mm | L*<br>mm | IN (1)     | IN (2)     | OUT        | Sightglass<br>Visores | Safety<br>Seguridad | Min. Level<br>Detector /<br>Detector de Nivel<br>Mín. | Auxiliar   | Máx. Level<br>Detector<br>Detector de Nivel<br>Máx. |
|----------|-----------------------------------|----------------|-------|---------|----------|------------|------------|------------|-----------------------|---------------------|-------------------------------------------------------|------------|-----------------------------------------------------|
| CAT. II  | RV10-45bar-CO <sub>2</sub>        | 91.001         | 10    | 159     | 620      | 7/8" ODS   | -          | 1/2" ODS   | 2                     | 1/2" NPT            | 1/2" NPT                                              | -          | -                                                   |
| CAT. II  | RV15-45bar-CO <sub>2</sub>        | 91.002         | 15    | 159     | 920      | 7/8" ODS   | -          | 1/2" ODS   | 2                     | 1/2" NPT            | 1/2" NPT                                              | -          | -                                                   |
| CAT. III | RV30-45bar-CO <sub>2</sub>        | 91.003         | 30    | 219     | 900      | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 2                     | 1/2" NPT            | 1/2" NPT                                              | 7/8" ODS   | 1/2" NPT                                            |
| CAT. III | RV45-45bar-CO <sub>2</sub>        | 91.004         | 45    | 219     | 1343     | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 2                     | 1/2" NPT            | 1/2" NPT                                              | 7/8" ODS   | 1/2" NPT                                            |
| CAT. III | RV60-45bar-CO <sub>2</sub>        | 91.005         | 60    | 273     | 1192     | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 2                     | 1/2" NPT            | 1/2" NPT                                              | 7/8" ODS   | 1/2" NPT                                            |
| CAT. IV  | RV90-45bar-CO <sub>2</sub> (273)  | 91.006         | 90    | 273     | 1684     | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 2                     | 1/2" NPT            | 1/2" NPT                                              | 1-1/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV90-45bar-CO <sub>2</sub> (355)  | 91.007         | 90    | 355     | 1108     | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 2                     | 1/2" NPT            | 1/2" NPT                                              | 1-1/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV120-45bar-CO <sub>2</sub>       | 91.008         | 120   | 323     | 1700     | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 3                     | 1/2" NPT            | 1/2" NPT                                              | 1-1/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV120-45bar-CO <sub>2</sub> (355) | 91.009         | 120   | 355     | 1446     | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 3                     | 1/2" NPT            | 1/2" NPT                                              | 1-1/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV150-45bar-CO <sub>2</sub>       | 91.010         | 150   | 406     | 1396     | 1 1/8" ODS | 1 1/8" ODS | 1 1/8" ODS | 3                     | 1/2" NPT            | 1/2" NPT                                              | 1-3/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV180-45bar-CO <sub>2</sub>       | 91.011         | 180   | 406     | 1646     | 1 1/8" ODS | 1 1/8" ODS | 1 1/8" ODS | 3                     | 1/2" NPT            | 1/2" NPT                                              | 1-3/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV250-45bar-CO <sub>2</sub>       | 91.012         | 250   | 406     | 2000     | 1 1/8" ODS | 1 1/8" ODS | 1 1/8" ODS | 3                     | 1/2" NPT            | 1/2" NPT                                              | 1-5/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV300-45bar-CO <sub>2</sub>       | 91.013         | 300   | 406     | 2600     | 1 1/8" ODS | 1 1/8" ODS | 1 1/8" ODS | 3                     | 1/2" NPT            | 1/2" NPT                                              | 1-5/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV300-45bar-CO <sub>2</sub> (508) | 91.014         | 300   | 508     | 1763     | 1 1/8" ODS | 1 1/8" ODS | 1 1/8" ODS | 3                     | 1/2" NPT            | 1/2" NPT                                              | 1-5/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV400-45bar-CO <sub>2</sub>       | 91.047         | 400   | 508     | 2350     | 1 5/8" ODS | 1 5/8" ODS | 1 5/8" ODS | 3                     | 1/2" NPT            | 1/2" NPT                                              | 2 1/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV500-45bar-CO <sub>2</sub>       | 91.048         | 500   | 610     | 1780     | 1 5/8" ODS | 1 5/8" ODS | 1 5/8" ODS | 5                     | 1/2" NPT            | 1/2" NPT                                              | 3 1/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV750-45bar-CO <sub>2</sub>       | 91.049         | 750   | 610     | 2738     | 1 5/8" ODS | 1 5/8" ODS | 1 5/8" ODS | 5                     | 1/2" NPT            | 1/2" NPT                                              | 4 1/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV1000-45bar-CO <sub>2</sub>      | 91.050         | 1000  | 813     | 2040     | 2 1/8" ODS | 2 1/8" ODS | 2 1/8" ODS | 5                     | 1/2" NPT            | 1/2" NPT                                              | 2 5/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV1250-45bar-CO <sub>2</sub>      | 91.051         | 1250  | 813     | 2540     | 2 1/8" ODS | 2 1/8" ODS | 2 1/8" ODS | 5                     | 1/2" NPT            | 1/2" NPT                                              | 3 5/8" ODS | 1/2" NPT                                            |
| CAT. IV  | RV1500-45bar-CO <sub>2</sub>      | 91.052         | 1500  | 813     | 3040     | 2 1/8" ODS | 2 1/8" ODS | 2 1/8" ODS | 5                     | 1/2" NPT            | 1/2" NPT                                              | 4 1/8" ODS | 1/2" NPT                                            |

NOTE:

\* TOLERANCE ± 3%



TECNAC

## CO<sub>2</sub> HORIZONTAL RECEIVERS

RECIPIENTES HORIZONTALES PARA CO<sub>2</sub>

CO<sub>2</sub>



The liquid receivers ensure the compensation of the variations in the volume of the refrigerant gas in the installations, which are due to the differences in operating temperature in different seasons and to the opening and closing sequences of the expansion valve that fills or not the evaporator of your refrigerant gas

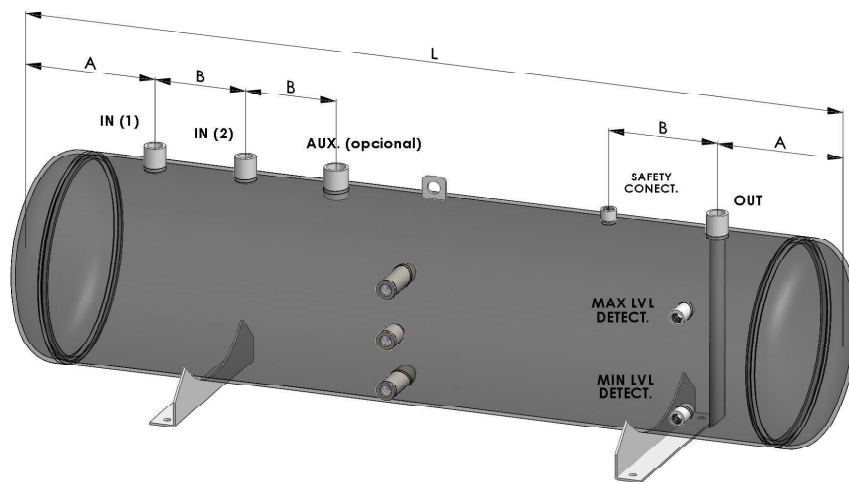
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Permiten almacenar el gas refrigerante de la instalación, para las operaciones de mantenimiento o reparación

**MAXIMUM WORKING PRESSURE: 45 bar**

**MAXIMA PRESIÓN DE TRABAJO: 45 bar**



### OPTIONAL / OPCIONAL

SAFETY VALVE  
VÁL. SEGURIDAD



ACCORDING TO EACH MODEL  
ACORDE A CADA MODELO

ELECTRONICAL LEVEL DETECTOR  
DETECTOR DE NIVEL ELECTRÓNICO



CODE / CÓDIGO: A-005308





# TECNAC



**DESIGN PRESSURE**  
PRESIÓN DE DISEÑO

**45 bar**



**DESIGN TEMPERATURE**  
TEMPERATURA DE DISEÑO

**-10/120°C**

|         | Model<br>Modelo                   | Code<br>Código | V (L) | IN (1)     | IN (2)     | OUT        | Ø<br>(mm) | L*<br>(mm) | Sightglas-<br>ses<br>Visores | Safety<br>Seguri-<br>dad | Min level<br>detector<br>Detector<br>Nivel<br>Mínimo | Auxiliar   | Max. level<br>detector<br>Detector<br>Nivel Máxi-<br>mo |
|---------|-----------------------------------|----------------|-------|------------|------------|------------|-----------|------------|------------------------------|--------------------------|------------------------------------------------------|------------|---------------------------------------------------------|
| CAT.II  | RH10-45bar-CO <sub>2</sub>        | 90.001         | 10    | 7/8" ODS   | -          | 1/2" ODS   | 159       | 580        | 1                            | 1/2" NPT                 | 1/2" NPT                                             | -          | 1/2" NPT                                                |
| CAT.II  | RH15-45bar-CO <sub>2</sub>        | 90.002         | 15    | 7/8" ODS   | -          | 1/2" ODS   | 159       | 874        | 1                            | 1/2" NPT                 | 1/2" NPT                                             | -          | 1/2" NPT                                                |
| CAT.III | RH30-45bar-CO <sub>2</sub>        | 90.003         | 30    | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 219       | 866        | 2                            | 1/2" NPT                 | 1/2" NPT                                             | 7/8" ODS   | 1/2" NPT                                                |
| CAT.III | RH45-45bar-CO <sub>2</sub>        | 90.004         | 45    | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 219       | 1310       | 2                            | 1/2" NPT                 | 1/2" NPT                                             | 7/8" ODS   | 1/2" NPT                                                |
| CAT.III | RH60-45bar-CO <sub>2</sub>        | 90.005         | 60    | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 273       | 1143       | 2                            | 1/2" NPT                 | 1/2" NPT                                             | 7/8" ODS   | 1/2" NPT                                                |
| CAT.IV  | RH90-45bar-CO <sub>2</sub> (273)  | 90.006         | 90    | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 273       | 1635       | 3                            | 1/2" NPT                 | 1/2" NPT                                             | 1-1/8" ODS | 1/2" NPT                                                |
| CAT.IV  | RH90-45bar-CO <sub>2</sub> (355)  | 90.007         | 90    | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 355       | 1058       | 3                            | 1/2" NPT                 | 1/2" NPT                                             | 1-1/8" ODS | 1/2" NPT                                                |
| CAT.IV  | RH120-45bar-CO <sub>2</sub> (323) | 90.008         | 120   | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 323       | 1655       | 3                            | 1/2" NPT                 | 1/2" NPT                                             | 1-1/8" ODS | 1/2" NPT                                                |
| CAT.IV  | RH120-45bar-CO <sub>2</sub> (355) | 90.009         | 120   | 7/8" ODS   | 7/8" ODS   | 7/8" ODS   | 355       | 1396       | 3                            | 1/2" NPT                 | 1/2" NPT                                             | 1-1/8" ODS | 1/2" NPT                                                |
| CAT.IV  | RH150-45bar-CO <sub>2</sub>       | 90.010         | 150   | 1-1/8" ODS | 1-1/8" ODS | 1-1/8" ODS | 406       | 1330       | 3                            | 1/2" NPT                 | 1/2" NPT                                             | 1-3/8" ODS | 1/2" NPT                                                |
| CAT.IV  | RH180-45bar-CO <sub>2</sub>       | 90.011         | 180   | 1-1/8" ODS | 1-1/8" ODS | 1-1/8" ODS | 406       | 1580       | 3                            | 1/2" NPT                 | 1/2" NPT                                             | 1-3/8" ODS | 1/2" NPT                                                |
| CAT.IV  | RH250-45bar-CO <sub>2</sub>       | 90.012         | 250   | 1-1/8" ODS | 1-1/8" ODS | 1-1/8" ODS | 406       | 2166       | 3                            | 1/2" NPT                 | 1/2" NPT                                             | 1-5/8" ODS | 1/2" NPT                                                |
| CAT.IV  | RH300-45bar-CO <sub>2</sub>       | 90.013         | 300   | 1-1/8" ODS | 1-1/8" ODS | 1-1/8" ODS | 406       | 2610       | 3                            | 1/2" NPT                 | 1/2" NPT                                             | 1-5/8" ODS | 1/2" NPT                                                |

NOTE:

\* TOLERANCE ± 3%

**MANUFACTURE UP 130BAR**

**FABRICACIÓN HASTA 130BAR**



TECNAC

## CO<sub>2</sub> VERTICAL RECEIVERS (TRANSCRITICAL)

RECIPIENTES VERTICALES PARA CO<sub>2</sub> (TRANSCRÍTICO)

CO<sub>2</sub>



The liquid receivers ensure the compensation of the variations in the volume of the refrigerant gas in the installations, which are due to the differences in operating temperature in different seasons and to the opening and closing sequences of the expansion valve that fills or not the evaporator of your refrigerant gas

Allow the refrigerant gas of the installation to be stored, for maintenance or repair operations

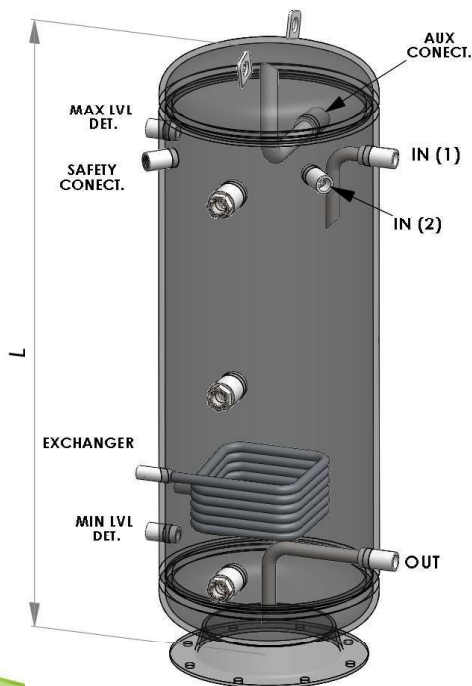
Los depósitos de líquido aseguran la compensación de las variaciones de volumen del gas refrigerante en las instalaciones, las cuales son debidas a las diferencias de temperatura de funcionamiento en diferentes estaciones y a las secuencias de apertura y cierre de la válvula de expansión que llena o no el evaporador de su gas refrigerante

Permiten almacenar el gas refrigerante de la instalación, para las operaciones de mantenimiento o reparación



**MAXIMUM WORKING PRESSURE: 130 bar**

**MAXIMA PRESIÓN DE TRABAJO: 130 bar**



### OPTIONAL / OPCIONAL

SAFETY VALVE  
VÁL. SEGURIDAD



ACCORDING TO EACH MODEL  
ACORDE A CADA MODELO

ELECTRONICAL LEVEL DETECTOR  
DETECTOR DE NIVEL ELECTRÓNICO



CODE / CÓDIGO : A-005266





TECNAC

DESIGN PRESSURE  
PRESIÓN DE DISEÑO

60 bar

DESIGN TEMPERATURE  
TEMPERATURA DE DISEÑO

-20/100°C

| Model<br>Modelo     | Code<br>Código | V (L) | Ø<br>mm | L*<br>mm | IN (1)     | IN (2)     | OUT        | Sightglass<br>Visores | Safety<br>Seguridad | Min. Level<br>Detector | Auxiliar   | Máx. Level<br>Detector | OPTIONAL<br>Exchanger<br>Intercambiador |  |  |  |  |  |
|---------------------|----------------|-------|---------|----------|------------|------------|------------|-----------------------|---------------------|------------------------|------------|------------------------|-----------------------------------------|--|--|--|--|--|
| RV10-60bar-TR       | 91.015         | 10    | 193     | 460      | 7/8" ODS   | -          | 1/2" ODS   | 1" NPT                | 1/2" NPT            | 1/2" NPT               | -          | -                      | -                                       |  |  |  |  |  |
| RV15-60bar-TR       | 91.016         | 15    |         | 650      |            | -          |            |                       |                     |                        | -          | -                      |                                         |  |  |  |  |  |
| RV30-60bar-TR       | 91.017         | 30    | 273     | 642      |            | 7/8" ODS   | 7/8" ODS   |                       |                     |                        | 7/8" ODS   | 1/2" NPT               | 5/8"                                    |  |  |  |  |  |
| RV45-60bar-TR       | 91.018         | 45    |         | 925      |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV60-60bar-TR       | 91.019         | 60    |         | 1192     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV90-60bar-TR (273) | 91.020         | 90    | 355     | 1684     | 1-1/8" ODS | 1-1/8" ODS | 1-1/8" ODS |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV90-60bar-TR (355) | 91.021         |       |         | 1060     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV120-60bar-TR      | 91.022         |       |         | 1413     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV150-60bar-TR      | 91.023         | 150   | 406     | 1396     |            | 1-1/8" ODS | 1-1/8" ODS |                       |                     |                        | 1-3/8" ODS | 1/2" NPT               | 5/8"                                    |  |  |  |  |  |
| RV180-60bar-TR      | 91.024         | 180   |         | 1646     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV250-60bar-TR      | 91.025         | 250   |         | 2000     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV300-60bar-TR      | 91.026         | 300   |         | 2614     |            |            |            |                       |                     |                        | 1-5/8" ODS |                        |                                         |  |  |  |  |  |
| RV400-60bar-TR      | 91.053         | 400   |         | 1733     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV500-60bar-TR      | 91.054         | 500   | 610     | 1780     | 1 5/8" ODS | 1 5/8" ODS | 1 5/8" ODS |                       |                     |                        | 3 1/8" ODS |                        |                                         |  |  |  |  |  |
| RV750-60bar-TR      | 91.055         | 750   | 610     | 2738     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV1000-60bar-TR     | 91.056         | 1000  | 813     | 2040     | 2 1/8" ODS | 2 1/8" ODS | 2 1/8" ODS |                       |                     |                        | 2 5/8" ODS |                        |                                         |  |  |  |  |  |
| RV1250-60bar-TR     | 91.057         | 1250  | 813     | 2540     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV1500-60bar-TR     | 91.058         | 1500  | 813     | 3040     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |

DESIGN PRESSURE  
PRESIÓN DE DISEÑO

90 bar

DESIGN TEMPERATURE  
TEMPERATURA DE DISEÑO

-20/120°C

DESIGN PRESSURE  
PRESIÓN DE DISEÑO

60 bar

DESIGN TEMPERATURE  
TEMPERATURA DE DISEÑO

-40/100°C

| Model<br>Modelo     | Code<br>Código | V (L) | Ø<br>mm | L*<br>mm | IN (1)     | IN (2)     | OUT        | Sightglass<br>Visores | Safety<br>Seguridad | Min. Level<br>Detector | Auxiliar   | Máx. Level<br>Detector | OPTIONAL<br>Exchanger<br>Intercambiador |  |  |  |  |  |
|---------------------|----------------|-------|---------|----------|------------|------------|------------|-----------------------|---------------------|------------------------|------------|------------------------|-----------------------------------------|--|--|--|--|--|
| RV10-90bar-TR       | 91.039         | 10    | 193     | 460      | 7/8" ODS   | -          | 1/2" ODS   | 1" NPT                | 1/2" NPT            | 1/2" NPT               | -          | -                      | -                                       |  |  |  |  |  |
| RV15-90bar-TR       | 91.066         | 15    |         | 650      |            | -          |            |                       |                     |                        | -          | -                      |                                         |  |  |  |  |  |
| RV30-90bar-TR       | 91.067         | 30    | 273     | 642      |            | 7/8" ODS   | 7/8" ODS   |                       |                     |                        | 7/8" ODS   | 1/2" NPT               | 5/8"                                    |  |  |  |  |  |
| RV45-90bar-TR       | 91.068         | 45    |         | 925      |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV60-90bar-TR       | 91.042         | 60    |         | 1192     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV90-90bar-TR (273) | 91.069         | 90    | 355     | 1684     | 1-1/8" ODS | 1-1/8" ODS | 1-1/8" ODS |                       |                     |                        | 1-1/8" ODS |                        |                                         |  |  |  |  |  |
| RV90-90bar-TR (355) | 91.070         |       |         | 1060     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV120-90bar-TR      | 91.071         |       |         | 1413     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV150-90bar-TR      | 91.044         | 150   | 406     | 1396     |            | 1-1/8" ODS | 1-1/8" ODS |                       |                     |                        | 1-3/8" ODS |                        |                                         |  |  |  |  |  |
| RV180-90bar-TR      | 91.072         | 180   |         | 1646     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV250-90bar-TR      | 91.073         | 250   |         | 2000     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV300-90bar-TR      | 91.074         | 300   |         | 2614     |            |            |            |                       |                     |                        | 1-5/8" ODS |                        |                                         |  |  |  |  |  |
| RV400-90bar-TR      | 91.041         | 400   |         | 1733     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV500-90bar-TR      | 91.075         | 500   | 610     | 1780     | 1 5/8" ODS | 1 5/8" ODS | 1 5/8" ODS |                       |                     |                        | 3 1/8" ODS |                        |                                         |  |  |  |  |  |
| RV750-90bar-TR      | 91.076         | 750   | 610     | 2738     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV1000-90bar-TR     | 91.077         | 1000  | 813     | 2040     | 2 1/8" ODS | 2 1/8" ODS | 2 1/8" ODS |                       |                     |                        | 2 5/8" ODS |                        |                                         |  |  |  |  |  |
| RV1250-90bar-TR     | 91.078         | 1250  | 813     | 2540     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |
| RV1500-90bar-TR     | 91.079         | 1500  | 813     | 3040     |            |            |            |                       |                     |                        |            |                        |                                         |  |  |  |  |  |

DESIGN PRESSURE  
PRESIÓN DE DISEÑO

130 bar

DESIGN TEMPERATURE  
TEMPERATURA DE DISEÑO

-10/100°C

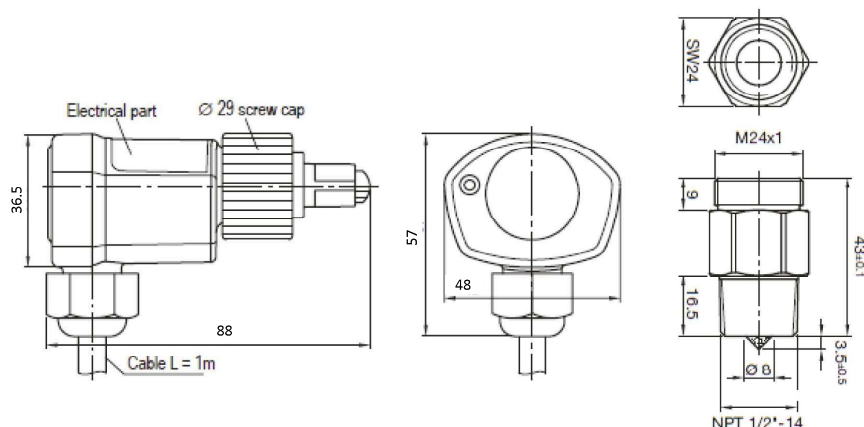
DESIGN PRESSURE  
PRESIÓN DE DISEÑO

90 bar

DESIGN TEMPERATURE  
TEMPERATURA DE DISEÑO

-40/100°C

| Model<br>Modelo      | Code<br>Código | V (L) | Ø<br>mm | L*<br>mm | IN (1)     | IN (2)     | OUT        | Sightglass<br>Visores | Safety<br>Seguridad | Min. Level<br>Detector | Auxiliar | Máx. Level<br>Detector | OPTIONAL<br>Exchanger<br>Intercambiador |            |          |      |
|----------------------|----------------|-------|---------|----------|------------|------------|------------|-----------------------|---------------------|------------------------|----------|------------------------|-----------------------------------------|------------|----------|------|
| RV10-130bar-TR       | 91.027         | 10    | 193     | 460      | 7/8" ODS   | -          | 1/2" ODS   | 1" NPT                | 1/2" NPT            | 1/2" NPT               | -        | -                      | -                                       |            |          |      |
| RV15-130bar-TR       | 91.028         | 15    |         | 650      |            | -          |            |                       |                     |                        | -        |                        |                                         |            |          |      |
| RV30-130bar-TR       | 91.029         | 30    | 273     | 642      |            | 7/8" ODS   | 7/8" ODS   |                       |                     |                        | 7/8" ODS |                        |                                         |            |          |      |
| RV45-130bar-TR       | 91.030         | 45    |         | 925      |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |
| RV60-130bar-TR       | 91.031         | 60    |         | 1192     |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |
| RV90-130bar-TR (273) | 91.032         | 90    | 355     | 1684     | 1-1/8" ODS | 1-1/8" ODS | 1-1/8" ODS |                       |                     |                        |          |                        |                                         |            |          |      |
| RV90-130bar-TR (355) | 91.033         |       |         | 1060     |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |
| RV120-130bar-TR      | 91.034         |       |         | 1413     |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |
| RV150-130bar-TR      | 91.035         | 150   | 406     | 1396     | 1-1/8" ODS | 1-1/8" ODS | 1-1/8" ODS |                       |                     |                        | 1" NPT   | 1/2" NPT               | 1/2" NPT                                | 1-3/8" ODS | 1/2" NPT | 5/8" |
| RV180-130bar-TR      | 91.036         | 180   |         | 1646     |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |
| RV250-130bar-TR      | 91.037         | 250   |         | 2000     |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |
| RV300-130bar-TR      | 91.038         | 300   |         | 2614     |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |
| RV400-130bar-TR      | 91.059         | 400   |         | 610      |            |            |            |                       |                     |                        |          |                        |                                         | 1733       |          |      |
| RV500-130bar-TR      | 91.060         | 500   | 610     | 1780     | 1 5/8" ODS | 1 5/8" ODS | 1 5/8" ODS |                       |                     |                        | 1" NPT   | 1/2" NPT               | 1/2" NPT                                | 3 1/8" ODS | 1/2" NPT | 5/8" |
| RV750-130bar-TR      | 91.061         | 750   | 610     | 2738     |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |
| RV1000-130bar-TR     | 91.062         | 1000  | 813     | 2040     | 2 1/8" ODS | 2 1/8" ODS | 2 1/8" ODS |                       |                     |                        | 1" NPT   | 1/2" NPT               | 1/2" NPT                                | 2 5/8" ODS | 1/2" NPT | 5/8" |
| RV1250-130bar-TR     | 91.063         | 1250  | 813     | 2540     |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |
| RV1500-130bar-TR     | 91.064         | 1500  | 813     | 3040     |            |            |            |                       |                     |                        |          |                        |                                         |            |          |      |

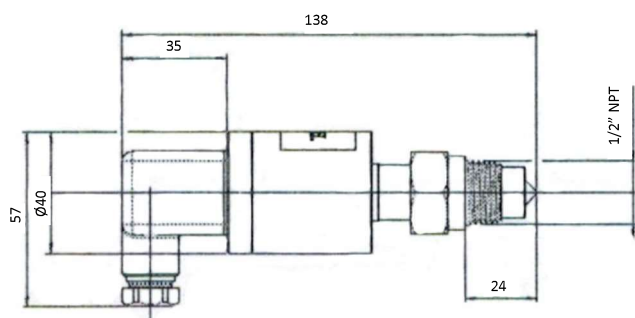


46 bar -40 /125°C

## LIQUID LEVEL ELECTRICAL GAUGE / DETECTOR NIVEL DE LÍQUIDO ELECTRÓNICO

| CODE<br>CODIGO | MODEL<br>MODELO | Electrical Characteristics<br>Voltaje | Contact Type with solid<br>Contacto señal con sólido | Connection<br>Conexión |
|----------------|-----------------|---------------------------------------|------------------------------------------------------|------------------------|
| A-005308       | LC-PS           | 230VAC@50Hz                           | Open / Abierto                                       | 1/2" NPT               |

## MINIMUM LIQUID LEVEL ELECTRICAL GAUGE DETECTOR ELECTRICO DE NIVEL



The optical level switch has been designed for use in level monitoring applications for the control of low viscosity liquids. It comprises an optical sensor and an output switch. It is realized in two parts to let it possible to replace the electronics without the needing of emptying or depressurizing the plant.

Unit conform to directives: 2004-108-CE and CEI EN 60204-1:2006

El interruptor de nivel óptico ha sido diseñado para aplicaciones que supervisan el control de líquidos de baja viscosidad. Compuesto por un sensor óptico y un interruptor de salida. Es realizado en dos partes para poder sustituir la parte electrónica sin necesidad de vaciar o despresurizar la planta.

Conforme a directivas: 2004-108-CE and CEI EN 60204-1:2006

|                                                  |                                                                                                                           |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| SUPPLY VOLTAGE / VOLTAJE                         | 230 VAC @50Hz                                                                                                             |
| ELECTRICAL CONNECTION / CONEXIÓN ELÉCTRICA       | EN 175301-803A connector (EX DIN 43650 size A)                                                                            |
| OUTPUT SIGNAL / SEÑAL DE SALIDA                  | Solid state output Normally Open or Normally Close in air / Salida normalmente abierta en estado sólido ó cerrada en aire |
| SUPPLY CURRENT / CORRIENTE DE SUMINISTRO         | 20mA max during normal operation / Máx, 20 mA durante operación normal                                                    |
| OUTPUT MAX. CURRENT / MÁX. CORRIENTE DE SALIDA   | Up to 100 mA / Hasta 100 mA                                                                                               |
| ENCLOSURE PROTECTION CLASS / CLASE DE PROTECCIÓN | IP 65                                                                                                                     |
| AMBIENT TEMPERATURE / TEMP. AMBIENTE             | -40°C / +125°C                                                                                                            |
| MAXIMUM PRESSURE / PRESIÓN MÁXIMA                | 120 bar                                                                                                                   |
| TORQUE TIGHTEN / PAR DE APRIETE                  | 50 Nm for adapter installation on the system / 50 Nm para adaptadores.                                                    |

**130 bar    -40 /125°C**

**LIQUID LEVEL ELECTRICAL GAUGE FOR CO<sub>2</sub> (Transcritical)**  
**DETECTOR NIVEL DE LÍQUIDO ELECTRÓNICO PARA CO<sub>2</sub> (Transcrítico)**

| CODE     | MODEL  | Electrical Characteristics | Contact Type with solid   | Connection |
|----------|--------|----------------------------|---------------------------|------------|
| CODIGO   | MODELO | Voltaje                    | Contacto señal con sólido | Conexión   |
| A-005266 | LC-XP  | 230VAC@50Hz                | Open / Abierto            | 1/2" NPT   |

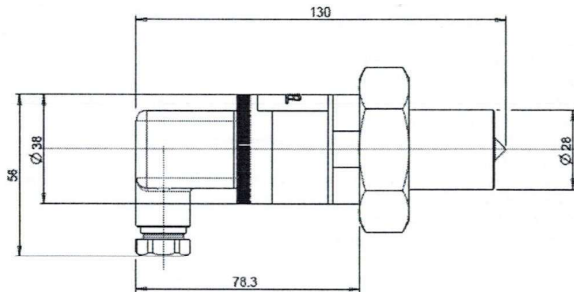
## MINIMUM LIQUID LEVEL ELECTRICAL GAUGE

DETECTOR ELECTRICO DE NIVEL

NH<sub>3</sub>

CO<sub>2</sub>

HFC

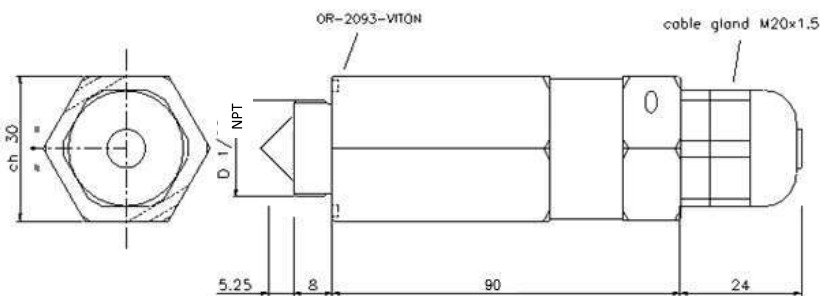


| 45 bar -40 /125°C                                                     |                 |                                       |                                                      |                        |
|-----------------------------------------------------------------------|-----------------|---------------------------------------|------------------------------------------------------|------------------------|
| LIQUID LEVEL ELECTRICAL GAUGE / DETECTOR NIVEL DE LÍQUIDO ELECTRÓNICO |                 |                                       |                                                      |                        |
| CODE<br>CODIGO                                                        | MODEL<br>MODELO | Electrical Characteristics<br>Voltaje | Contact Type with solid<br>Contacto señal con sólido | Connection<br>Conexión |
| A-005256                                                              | RLK02           | 230VAC@50Hz                           | Open / Abierto                                       | Rotalock 1 3/4"        |

## MINIMUM LIQUID LEVEL ELECTRICAL GAUGE FOR REFRIGERANTS GROUP A3

DETECTOR ELECTRICO DE NIVEL PARA REFRIGERANTES DEL GRUPO A3

A3



|                                             |                                                                                             |
|---------------------------------------------|---------------------------------------------------------------------------------------------|
| POWER SUPPLY / VOLTAJE                      | 9 + 28 V DC                                                                                 |
| OUTPUT TYPE / TIPO DE SALIDA                | Open collector (PNP or NPN depending on model) / Abierto (PNP o NPN dependiendo del modelo) |
| MAX. OUTPUT CURRENT / MAX. CORRIENTE SALIDA | 40mA                                                                                        |
| CABLE CAPACITANCE                           | 140 pF/m                                                                                    |
| CABLE INDUCTANCE                            | 1,25 µH/m                                                                                   |
| CABLE RESISTANCE                            | 39 mΩ/m                                                                                     |
| STORAGE TEMPERATURE / TEMPERATURA           | -20°C / +60°C                                                                               |
| SAFETY PARAMETERS / PARÁMETROS DE SEGURIDAD | 30 VDC / 160mA / 1,2W                                                                       |

### LIQUID LEVEL ELECTRICAL GAUGE FOR A3 DETECTOR NIVEL DE LÍQUIDO ELECTRÓNICO PARA A3

| CODE<br>CODIGO | MODEL<br>MODELO        | Electrical Characteristics<br>Voltaje | Contact Type with solid<br>Contacto señal con sólido | Connection<br>Conexión |
|----------------|------------------------|---------------------------------------|------------------------------------------------------|------------------------|
| A-005351       | Detector ATEX 1/2" NPT | 9 + 28 V DC                           | Open / Abierto                                       | 1/2" NPT               |