



# CIERZO

CATALOGUE 2020



COMPRESORES  
**JOSVAL**

Desde 1.958

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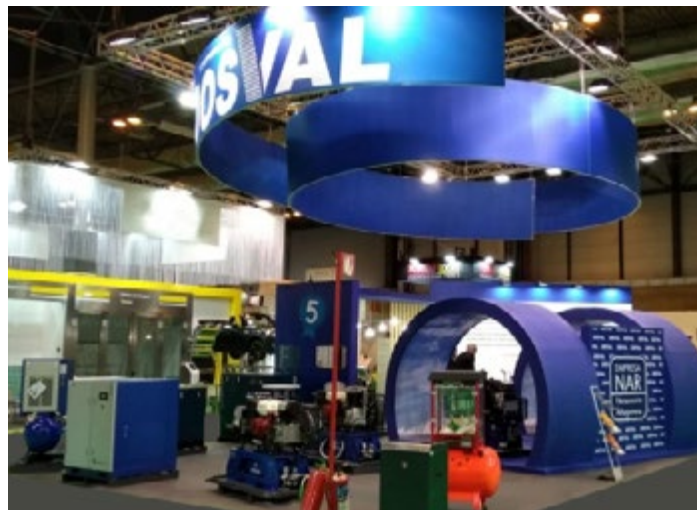
Based in the entrepreneur character of our firm founders and their spirit of cooperation, at the end of the 70<sup>th</sup> decade, Compresores JOSVAL decided to incorporate inside our catalogue more simple and practical compressors ranges which came from our European Partners who made a clean sweep the DIY and hobby market thanks to the opening of frontiers and the end of duties on imports.

Today, in a global market where does not exist distances, we have added to our proposal, the better Partners of the world having as a result a new complete DIY, Professional and Industrial line combined above our comercial brand CIERZO, manteniendo our always same primese: To provide to each market the adecuaded solution that suits it.

Our CIERZO catalogue includes Piston Compressors and Screw Compressors which are characterised by probably having the best quality-price relationship of the market. At the same time, it includes a range of articles needed for a correct and completed compressed air traitment as are: Condensate Separators, Dryers, Tanks, Filters, Condensate Drains, and other different complements and accessories for consumption points.



Zaragoza exhibition, 1970.





## PISTON COMPRESSORS



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Nowadays, piston compressors represent nearly 80% of the overall compressors sales in the world. CIERZO piston compressors, have become an indispensable tool for our customers who appreciate its easy installation, management and in particular, its reliability and economic maintenance.

Our CIERZO series covers the most competitive range of piston compressors. They are principally focused on hobby or semiprofessional use. They are the perfect solution for those who want an economic compressor which maintains the higher quality level.

**HOBBY**

**CONSUMER**

**PROFESSIONAL**

**MOTOR DRIVEN**

**HEADS**





ASSENTO



TRENDY EVO

Air flow is set according to ISO 1217.

## SINGLE PHASE - without oil

Direct Drive



| Code    | Model      | HP  | Kw  | Lts | Cyl./St. | l/m | m³/h | r.p.m. | LxWxH<br>mm | Kg. |
|---------|------------|-----|-----|-----|----------|-----|------|--------|-------------|-----|
| 5073114 | TRENDY EVO | 1,5 | 1,1 | 6   | 1/1      | 160 | 9,6  | 2450   | 360x300x480 | 11  |
| 5073116 | ASSENTO    | 1,5 | 1,1 | 6   | 1/1      | 160 | 9,6  | 2300   | 330x300x425 | 10  |

## SINGLE PHASE

Direct Drive



| Code    | Model  | HP | Kw  | Lts | Cyl./St. | l/m | m³/h | r.p.m. | LxWxH<br>mm | Kg. |
|---------|--------|----|-----|-----|----------|-----|------|--------|-------------|-----|
| 5083027 | NK-25  | 2  | 1,5 | 25  | 1/1      | 202 | 12,1 | 2800   | 610x280x560 | 26  |
| 5083057 | NK-50  | 2  | 1,5 | 50  | 1/1      | 202 | 12,1 | 2800   | 720x340x740 | 36  |
| 5093038 | NKV-30 | 3  | 2,2 | 30  | 2/1      | 357 | 21,4 | 2800   | 630x430x560 | 35  |
| 5093058 | NKV-50 | 3  | 2,2 | 50  | 2/1      | 357 | 21,4 | 2800   | 820x360x650 | 44  |

Compressors whose maximum working pressure is 8 bar, are preset with a minimum standard pressure of 6 bar and a maximum of 8 bar.



NK-25



NKV-50

## FEATURES

- Cast iron cylinder of superior strength that prolongs its life and its performance.
- Oversized fins for best cooling.
- Ductile crankshaft casting with double support for greater stability.
- Valve plate of stainless steel reeds with multiple air steps which provides a greater flow rate.
- Overstated fan for an optimate refrigeration of the head.
- Air filter of higher efficiency.
- Lower R.P.M. with quietly noise level.
- Thermal overload pressure switch (only for three phase models).
- Final cooler collector to improve thermal performance.



### SINGLE PHASE

Belt drive system



| Code    | Model             | HP | Kw  | Lts | Cyl./St. | l/m | m³/h | r.p.m. | LxWxH<br>mm   | Kg |
|---------|-------------------|----|-----|-----|----------|-----|------|--------|---------------|----|
| 5081056 | C-2/50M -Bv-      | 2  | 1,5 | 50  | 2/1      | 280 | 16,8 | 970    | 810x380x800   | 58 |
| 5081076 | C-2/100M -Bv-     | 2  | 1,5 | 90  | 2/1      | 280 | 16,8 | 970    | 1100x390x870  | 73 |
| 5091026 | C-3/25M-AUT -Bv-* | 3  | 2,2 | 25  | 2/1      | 330 | 19,8 | 970    | 960x520x680   | 62 |
| 5091056 | C-3/50M -Bv-      | 3  | 2,2 | 50  | 2/1      | 330 | 19,8 | 970    | 810x380x800   | 60 |
| 5091076 | C-3/100M -Bv-     | 3  | 2,2 | 90  | 2/1      | 330 | 19,8 | 970    | 1100x390x870  | 75 |
| 5091066 | C-3/150M -Bv-     | 3  | 2,2 | 150 | 2/1      | 330 | 19,8 | 970    | 1110x450x850  | 84 |
| 5091086 | C-3/200M -Bv-     | 3  | 2,2 | 200 | 2/1      | 330 | 19,8 | 970    | 1420x470x1040 | 92 |

\*AUT: equipped with automatic valve.

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 6 bar and a maximum of 8 bar.



**SINGLE PHASE - VERTICAL TANK**

Belt drive system



| Code    | Model          | HP | Kw  | Lts | Cyl./St. | l/m | m³/h | r.p.m. | mm           | Kg |
|---------|----------------|----|-----|-----|----------|-----|------|--------|--------------|----|
| 5091176 | C-V3/100M -Bv- | 3  | 2,2 | 90  | 2/1      | 330 | 19,8 | 970    | 620x560x1290 | 75 |



C-V3/100M-Bv-

**THREE PHASE**

Belt drive system



| Code    | Model        | HP | Kw  | Lts | Cyl./St. | l/m | m³/h | r.p.m. | mm            | Kg |
|---------|--------------|----|-----|-----|----------|-----|------|--------|---------------|----|
| 5181077 | C-2/100 -Bv- | 2  | 1,5 | 90  | 2/1      | 280 | 16,8 | 970    | 1100x390x870  | 73 |
| 5191056 | C-3/ 50 -Bv- | 3  | 2,2 | 50  | 2/1      | 330 | 19,8 | 970    | 810x380x800   | 60 |
| 5191067 | C-3/150 -Bv- | 3  | 2,2 | 150 | 2/1      | 330 | 19,8 | 970    | 1110x450x850  | 87 |
| 5191187 | C-3/200 -Bv- | 3  | 2,2 | 200 | 2/1      | 330 | 19,8 | 970    | 1420x470x1040 | 92 |

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 6 bar and a maximum of 8 bar.



### THREE PHASE

Belt drive system



| Code    | Model           | HP    | Kw    | Lts | Cyl./St. | l/m   | m³/h   | r.p.m. | LxWxH<br>mm   | Kg. |
|---------|-----------------|-------|-------|-----|----------|-------|--------|--------|---------------|-----|
| 5209196 | C-4/270         | 4     | 3     | 270 | 2/2      | 500   | 30     | 980    | 1490x520x1100 | 123 |
| 5219078 | C-5,5/100       | 5,5   | 4     | 90  | 2/2      | 612   | 36,7   | 1200   | 1040x440x980  | 95  |
| 5219199 | C-5,5/270       | 5,5   | 4     | 270 | 2/2      | 612   | 36,7   | 1200   | 1490x520x1100 | 131 |
| 5229079 | C-7,5/100       | 7,5   | 5,5   | 90  | 2/2      | 820   | 49,2   | 1200   | 1040x440x980  | 98  |
| 5229070 | C-7,5/100-AUT*  | 7,5   | 5,5   | 90  | 2/2      | 820   | 49,2   | 1200   | 1040x440x980  | 98  |
| 5229195 | C-7,5/270-A**   | 7,5   | 5,5   | 270 | 2/2      | 820   | 49,2   | 1200   | 1570x600x1280 | 154 |
| 5229219 | C-7,5/500       | 7,5   | 5,5   | 500 | 2/2      | 820   | 49,2   | 1200   | 2000x650x1350 | 206 |
| 5229225 | C-7,5/500-A**   | 7,5   | 5,5   | 500 | 2/2      | 820   | 49,2   | 1200   | 2000x650x1350 | 214 |
| 5239209 | C-10/270-AW**** | 10    | 7,5   | 270 | 2/2      | 1100  | 66     | 985    | 1570x650x1280 | 160 |
| 5239219 | C-10/500        | 10    | 7,5   | 500 | 2/2      | 1230  | 73,8   | 1250   | 2000x650x1350 | 211 |
| 5239225 | C-10/500-A**    | 10    | 7,5   | 500 | 2/2      | 1230  | 73,8   | 1250   | 2000x650x1350 | 219 |
| 5219208 | C-5,5/500-D***  | 2x5,5 | 2x4   | 500 | 4/2      | 2x612 | 2x36,7 | 1200   | 2000x650x1350 | 278 |
| 5229209 | C-7,5/500-D***  | 2x7,5 | 2x5,5 | 500 | 4/2      | 2x820 | 2x49,2 | 1200   | 2000x650x1350 | 298 |

\*AUT: equipped with automatic valve | \*\*A: Star delta start (Y-Δ) | \*\*\*D: duplex | \*\*\*\*AW: special width tank



### THREE PHASE - VERTICAL TANK

Belt drive system



| Code    | Model      | HP  | Kw | Lts | Cyl./St. | l/m | m³/h | r.p.m. | LxWxH<br>mm  | Kg  |
|---------|------------|-----|----|-----|----------|-----|------|--------|--------------|-----|
| 5219248 | C-V5,5/270 | 5,5 | 4  | 270 | 2/2      | 612 | 36,7 | 1200   | 820x600x1840 | 131 |

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 6 bar and a maximum of 8 bar.



This is the most complete and effective solution where there is no electrical supply (mobile workshops, agricultural activities, etc.) Additionally, thanks to their pneumatic tires, MOTOR DRIVEN compressors are ideal for your travel in any type of terrain.

Tanks, which are incorporated in these compressors, are manufactured according to EU directives 2014/29/EU and 2014/68/EU.



## MOTOR DRIVEN -C

**HONDA**



| Code    | Model           | HP | Model  | Lts   | Cyl./St. | l/m | m³/h | bar | r.p.m. | LxWxH<br>mm   | Kg  |
|---------|-----------------|----|--------|-------|----------|-----|------|-----|--------|---------------|-----|
| 5207028 | C-3/25G -Bv-    | 4  | GX 120 | 25    | 2/1      | 330 | 19,8 | 10  | 1020   | 830x610x610   | 61  |
| 5207556 | C-3/20+20G -Bv- | 4  | GX 120 | 20+20 | 2/1      | 330 | 19,8 | 10  | 1020   | 1000x700x710  | 63  |
| 5207058 | C-3/50G -Bv-    | 4  | GX 120 | 50    | 2/1      | 330 | 19,8 | 10  | 1020   | 1000x670x670  | 72  |
| 5237024 | C-9/100G 2E     | 9  | GX 270 | 90    | 2/2      | 612 | 36,7 | 14  | 1200   | 1200x600x1000 | 180 |
| 5237027 | C-9/100G AEB 2E | 9  | GX 270 | 90    | 2/2      | 612 | 36,7 | 14  | 1200   | 1200x600x1000 | 180 |

\*AEB: electric start with battery.

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 6 bar and a maximum of 8 bar.

Compressors whose maximum working pressure is 14 bar, are preset with a minimum standard pressure of 10 bar and a maximum of 12 bar.

## FEATURES MOBIL C SERIES

- Designed for mobile workshops.
- Honda petrol engine.
- Electric start with battery (included in all models).
- Exhaust pipe (13HP models).
- High performance electric generator (SINGLE and TOP-SH- models).
- Air tank of 50 litres capacity.
- Four quick couplings outputs:
  - 1x Universal quick coupling.
  - 1x Quick coupling (stocket 3/8").
  - 1x Regulated & filtered for universal quick coupling.
  - 1x Regulated, filtered & lubricated for quick coupling (stocket 3/8").
- Ergonomic design ideal for vans and mobile workshops.



MOBIL TOP-C



MOBIL POTENZA-C



MOBIL EASY-C 2E



MOBIL SINGLE-C 2E

**6 Kva single-phase electric generator optional.** Only 13 HP models.



**Idle function optional.**

### MOBIL C SERIES MOTOR DRIVEN

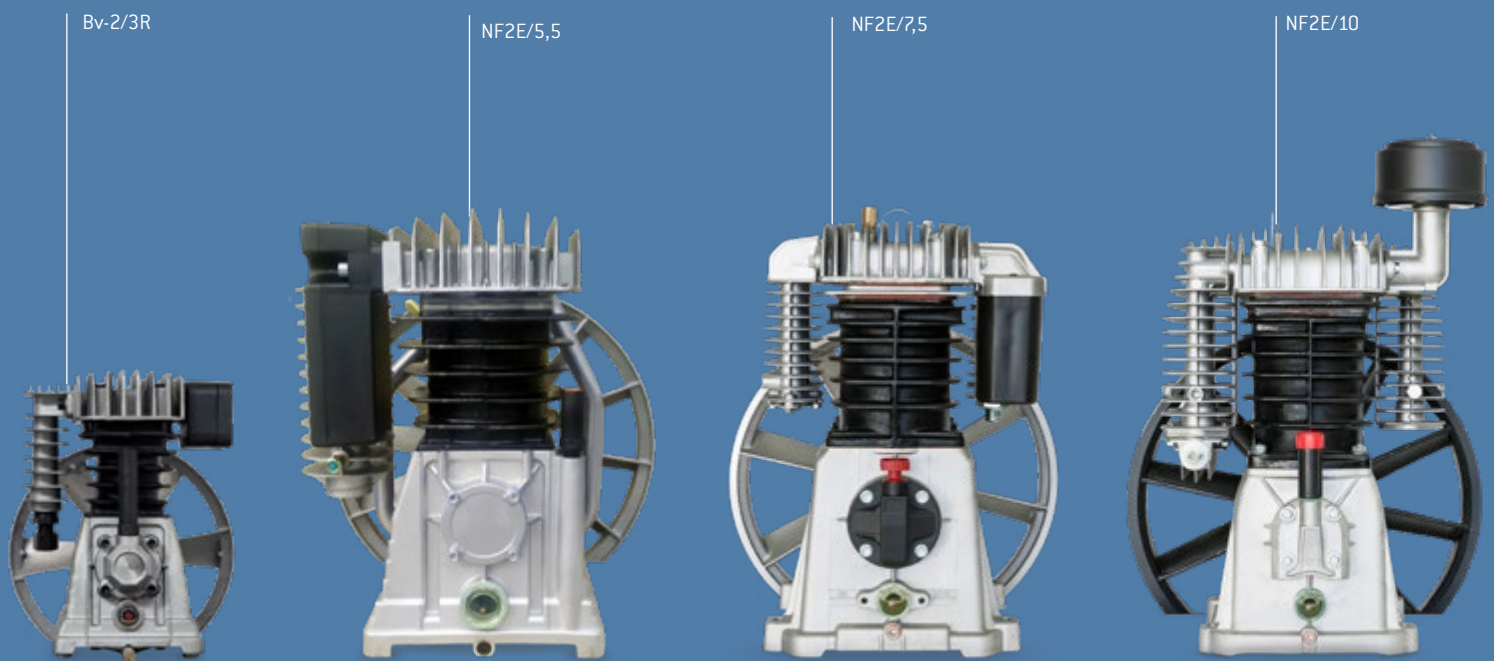


| Code    | Model             | HP | Model | Vol/Kva     | Lts | Cyl./St. | l/m  | m³/h | bar | LxWxH<br>mm  | Kg  |
|---------|-------------------|----|-------|-------------|-----|----------|------|------|-----|--------------|-----|
| 5237055 | MOBIL EASY-C 2E   | 9  | GX270 | -           | 50  | 2/2      | 612  | 36,7 | 14  | 1130x500x935 | 170 |
| 5237058 | MOBIL SINGLE-C 2E | 9  | GX270 | 230M/2      | 50  | 2/2      | 612  | 36,7 | 14  | 1200x500x980 | 215 |
| 5257055 | MOBIL POTENZA-C   | 13 | GX390 | -           | 50  | 2/2      | 1230 | 73,8 | 14  | 1300x500x960 | 205 |
| 5257057 | MOBIL TOP-C       | 13 | GX390 | 230M/400T/7 | 50  | 2/2      | 1230 | 73,8 | 14  | 1200x500x980 | 220 |

Compressors whose maximum working pressure is 14 bar, are preset with a minimum standard pressure of 10 bar and a maximum of 12 bar.

## FEATURES

- Cast iron cylinder of superior strength that prolongs its life and its performance.
- Oversized fins for best cooling.
- Ductile crankshaft casting with double support for greater stability and dynamic balance.
- Valve plate of stainless steel reeds, with increased resistance to the temperatures and corrosion while providing a greater flow rate.
- Robust and lightweight fan pulley for optimal cooling of the head.
- High efficiency air filter.
- Low R.P.M. with quiet noise level.
- Final cooler collector to improve thermal performance.



## HEADS



| Code    | Model    | HP  | Kw  | Cyl./St. | l/m  | m³/h | oil (l) | bar | r.p.m. | LxWxH<br>mm | Kg |
|---------|----------|-----|-----|----------|------|------|---------|-----|--------|-------------|----|
| 5607183 | Bv-2R    | 2   | 1,5 | 2/1      | 280  | 16,8 | 0,6     | 10  | 1020 * | 320x275x340 | 10 |
| 5607193 | Bv-3R    | 3   | 2,2 | 2/1      | 330  | 19,8 | 0,7     | 10  | 1020 * | 320x275x340 | 11 |
| 5605203 | NF2E/5,5 | 5,5 | 4   | 2/2      | 612  | 36,7 | 1,6     | 10  | 1200 * | 360x400x540 | 24 |
| 5605225 | NF2E/7,5 | 7,5 | 5,5 | 2/2      | 820  | 49,2 | 1,3     | 10  | 1200 * | 360x400x540 | 26 |
| 5605235 | NF2E/10  | 10  | 7,5 | 2/2      | 1230 | 73,8 | 1,5     | 10  | 1250 * | 400x510x620 | 54 |

\* Recommended r.p.m.

In case of needing a head for a soundproof compressor, please indicate when placing an order.



Taking advantage of the concept and an all life experience, Compresores JOSVAL offers through 4UATTRO C series a creative and functional solution, for all those cases which need a really quiet noise level and/or a limited area. Within this range that goes from 3 HP up to 10 HP, it becomes the most versatile autonomous station.

## 4UATTRO C





## FEATURES

- Compressor production large, reliable, compact and robust.
- Easy access. Economic maintenance.
- Control relay of direction of rotation.
- Double thermal heater fan of evacuation. Triple fan in 10H models.
- Alarm indicator light for control of direction of rotation and dysfunction of fans.
- Thermostatic sensor for the fan control.
- Analog hourmeter of work.
- Line piping connections of PTFE.
- Pipe pressure monitoring (without tank models).
- Three versions available: without tank, with tank, and with tank and dryer.



## 4UATTRO C SERIES



| Code    | Model            | HP  | Kw  | Ph | Lts | Cyl./St. | l/m  | m³/h | r.p.m. | dB (A) | LxWxH<br>mm   | Kg  |
|---------|------------------|-----|-----|----|-----|----------|------|------|--------|--------|---------------|-----|
| 5198043 | 4UATTRO C3       | 3   | 2,2 | 3  | -   | 2/1      | 330  | 19,8 | 1020   | 63     | 655x530x660   | 75  |
| 5198283 | 4UATTRO C3/150   | 3   | 2,2 | 3  | 150 | 2/1      | 330  | 19,8 | 1020   | 63     | 950x530x1210  | 117 |
| 5218046 | 4UATTRO C5,5     | 5,5 | 4   | 3  | -   | 2/2      | 612  | 36,7 | 1200   | 65     | 855x653x730   | 150 |
| 5218246 | 4UATTRO C5,5/270 | 5,5 | 4   | 3  | 270 | 2/2      | 612  | 36,7 | 1200   | 65     | 1170x653x1370 | 230 |
| 5228043 | 4UATTRO C7,5     | 7,5 | 5,5 | 3  | -   | 2/2      | 820  | 49,2 | 1200   | 68     | 855x653x730   | 153 |
| 5228243 | 4UATTRO C7,5/270 | 7,5 | 5,5 | 3  | 270 | 2/2      | 820  | 49,2 | 1200   | 68     | 1170x653x1370 | 233 |
| 5228203 | 4UATTRO C7,5/500 | 7,5 | 5,5 | 3  | 500 | 2/2      | 820  | 49,2 | 1200   | 68     | 1930x700x1480 | 393 |
| 5238043 | 4UATTRO C10      | 10  | 7,5 | 3  | -   | 2/2      | 1230 | 73,8 | 1250   | 69     | 885x700x900   | 195 |
| 5238213 | 4UATTRO C10/500  | 10  | 7,5 | 3  | 500 | 2/2      | 1230 | 73,8 | 1250   | 69     | 1930x700x1480 | 435 |

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 6 bar and a maximum of 8 bar.

## OPTIONAL AND RECOMMENDED



**BY-PASS KIT** includes **EDS dryer By-Pass + pre-filter + timing electronic drain + shut-off valve shall + appropriated connection set**.

| Code    | Model       |
|---------|-------------|
| 9110050 | By-pass kit |

Air flow is set according to ISO 1217

Noise level as CAGI PNEUROP - measured in the open air, at a distance of 1 meter.

Tanks, which are incorporated in these compressors, are manufactured according to EU directives 2014/29/EU and 2014/68/EU.



Pipe pressure monitoring.  
Easy connection to air net.

4UATTRO C10/500 -EDS-



## 4UATTRO C SERIES (WITH DRYER)



| Code    | Model                  | HP  | Kw  | Ph | Lts | Cyl./St. | l/m  | m³/h | r.p.m. | dB (A) | LxWxH<br>mm   | Kg  |
|---------|------------------------|-----|-----|----|-----|----------|------|------|--------|--------|---------------|-----|
| 5198183 | 4UATTRO C3/200 -EDS-   | 3   | 2,2 | 3  | 200 | 2/1      | 330  | 19,8 | 1020   | 63     | 1380x530x1220 | 154 |
| 5218214 | 4UATTRO C5,5/500 -EDS- | 5,5 | 4   | 3  | 500 | 2/2      | 612  | 36,7 | 1200   | 65     | 1930x653x1370 | 297 |
| 5228213 | 4UATTRO C7,5/500 -EDS- | 7,5 | 5,5 | 3  | 500 | 2/2      | 820  | 49,2 | 1200   | 68     | 1930x700x1480 | 300 |
| 5238215 | 4UATTRO C10/500 -EDS-  | 10  | 7,5 | 3  | 500 | 2/2      | 1230 | 73,8 | 1250   | 69     | 1930x700x1480 | 461 |

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 6 bar and a maximum of 8 bar.





## ENERGY+ SERIES OILS

Energy+ series oils are formulated with high quality base oils and performance enhancing additives which increase oxidation resistance and ensure good wear and corrosion protection. ENERGY+ series oils offer unbeatable value for the money.

Availability: 2 litres jug and 208 litres drum.



## FORTE SERIES OILS

FORTE series oils are high quality mineral base oils designed to meet the most stringent requirements of our customers. They are formulated with high performance additives which provide an excellent wear and corrosion protection, reduce maintenance costs and enhance equipment life and performance.

Compresores JOSVAL, as the manufacturer, recommends using FORTE series oils in demanding environments.

Availability: 2 litres jug.



## FOOD GRADE SERIES OILS

NSF H1 approved oils are for screw and piston compressors, and are suitable for certain clinical and food applications.

Availability: 5 litres jug.



## MAINTENANCE

## INTERVALS FOR PISTON COMPRESSORS

| Operation                   | Before 1 <sup>st</sup> start-up | Weekly | Monthly | Every 250h or 6 months | Every 500h or annually |
|-----------------------------|---------------------------------|--------|---------|------------------------|------------------------|
| Oil level review            | •                               | •      |         |                        |                        |
| Direction of rotation check | •                               |        |         |                        |                        |
| Electric conexions adjust   | •                               |        |         |                        |                        |
| Drain tank                  |                                 | •      |         |                        |                        |
| Belt tensioning check       |                                 |        |         | •                      |                        |
| Valve cleaning              |                                 |        |         | •                      |                        |
| Suction filter cleaning     |                                 |        | •       |                        |                        |
| Cabin cleaning              |                                 |        |         | •                      |                        |
| Suction filter replacement  |                                 |        |         | •                      |                        |
| Oil replacement             |                                 |        |         |                        | •                      |
| Overall compressor revision |                                 |        |         |                        | •                      |

CIERZO screw compressors incorporate the last technological advances and they ensure a constant compressed air high quality supply, minimizing energy and lubricant consumption. Its reduced size minimize the necessary space for its installation.

The design of this compressors guarantees an easy access to the service points and its reduced number of moving parts further improve the maintenance costs.

## PRACTIKO CIERZO SCR



## FEATURES

- Screw compressor production large, reliable, compact and robust.
- Easy access. Economic maintenance.
- Direct drive system with gears.
- Low R.P.M.
- Star delta start Y-Δ.
- Inlet valve with solenoid valve.
- Temperature probe.
- Electronic board which incorporates:
  - + Motor protection system integrated (block, shortcircuit, phase sequence, phase failure, voltage unbalance and motor overload).
  - + Control relay of direction of rotation.
  - + Temperature indicator.
- Emergency stop button.
- Three versions available: without tank, with tank and with tank and dryer.

### PRACTIKO SERIES (WITHOUT TANK)



| Code    | Model             | HP  | Kw  | Lts | l/m  | m³/h | bar | dB (A) | BSP | LxWxH<br>mm  | Kg  |
|---------|-------------------|-----|-----|-----|------|------|-----|--------|-----|--------------|-----|
| 5210011 | PRACTIKO 5,5 -YA- | 5,5 | 4   | -   | 530  | 31,8 | 10  | 80     | ¾"  | 950x450x770  | 170 |
| 5220011 | PRACTIKO 7,5 -YA- | 7,5 | 5,5 | -   | 820  | 49,2 | 10  | 80     | ¾"  | 950x450x770  | 175 |
| 5230011 | PRACTIKO 10 -YA-  | 10  | 7,5 | -   | 1250 | 75   | 10  | 81     | ¾"  | 1000x540x820 | 230 |
| 5250011 | PRACTIKO 15 -YA-  | 15  | 11  | -   | 1850 | 111  | 10  | 82     | ¾"  | 1050x540x820 | 250 |

YA: Star delta start (Y-Δ)

### PRACTIKO SERIES (WITH TANK)



| Code    | Model                 | HP  | Kw  | Lts | l/m  | m³/h | bar | dB (A) | BSP | mm            | Kg  |
|---------|-----------------------|-----|-----|-----|------|------|-----|--------|-----|---------------|-----|
| 5210241 | PRACTIKO 5,5-270 -YA- | 5,5 | 4   | 270 | 530  | 31,8 | 10  | 80     | ½"  | 1200x600x1400 | 250 |
| 5220241 | PRACTIKO 7,5-270 -YA- | 7,5 | 5,5 | 270 | 820  | 49,2 | 10  | 80     | ½"  | 1200x600x1400 | 255 |
| 5230241 | PRACTIKO 10-270 -YA-  | 10  | 7,5 | 270 | 1250 | 75   | 10  | 81     | ½"  | 1200x600x1450 | 310 |
| 5250241 | PRACTIKO 15-270 -YA-  | 15  | 11  | 270 | 1850 | 111  | 10  | 82     | ½"  | 1200x600x1450 | 330 |

YA: Star delta start (Y-Δ)

### PRACTIKO SERIES (WITH TANK and DRYER)



| Code    | Model                       | HP  | Kw  | Lts | l/m  | m³/h | bar | dB (A) | BSP | mm            | Kg  |
|---------|-----------------------------|-----|-----|-----|------|------|-----|--------|-----|---------------|-----|
| 5210211 | PRACTIKO 5,5-500 -YA- -EDS- | 5,5 | 4   | 500 | 530  | 31,8 | 10  | 80     | ½"  | 1930x600x1400 | 310 |
| 5220211 | PRACTIKO 7,5-500 -YA- -EDS- | 7,5 | 5,5 | 500 | 820  | 49,2 | 10  | 80     | ½"  | 1930x600x1400 | 315 |
| 5230211 | PRACTIKO 10-500 -YA- -EDS-  | 10  | 7,5 | 500 | 1250 | 75   | 10  | 81     | ½"  | 1930x600x1450 | 370 |
| 5250211 | PRACTIKO 15-500 -YA- -EDS-  | 15  | 11  | 500 | 1850 | 111  | 10  | 82     | ½"  | 1930x600x1450 | 390 |

YA: Star delta start (Y-Δ)

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 8 bar and a maximum of 10 bar.





CIERZO SCR compressors driven by belt system have been designed to meet the demands of maximum efficiency and reliability, minimizing the maintenance costs.

This serie is orientated to small and medium enterprises where the air consumption is needed to be continuous, in special automotive workshops, paint booths and services.

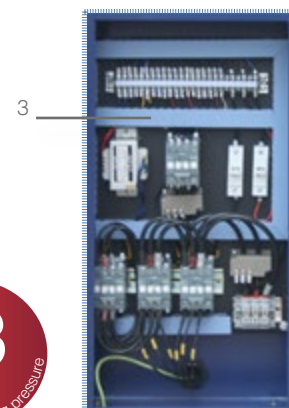
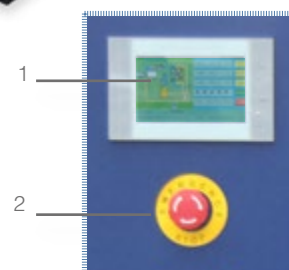


CIERZO SCR 15



### FEATURES

- Easy and fast access.
- Economic maintenance.
- Belt driven system.
- Electric motor IE3 high-performance, low-power.
- Low R.P.M.
- Electronic board (1) which incorporates:
  - Motor protection system integrated, block, shortcircuit, phase failure, voltage unbalance and motor overload.
  - Control menu: start, stop and motor operation.
  - Multicontrol (up to 16 compressors).
  - Control relay of direction of rotation.
  - Temperature indicator.
  - Remote/ local control.
  - Language selection (Spanish/ English).
- Emergency stop button (2).
- Star delta start (Y-Δ) (3) or inverter system VV.



### CIERZO SCR BELT DRIVEN SYSTEM

(Star delta start (Y- Δ) )

| Code    | Model              | HP | Kw  | l/m  | m³/h  | bar | dB (A) | BSP | LxWxH<br>mm  | Kg  |
|---------|--------------------|----|-----|------|-------|-----|--------|-----|--------------|-----|
| 5235305 | CIERZO SCR 10-B YA | 10 | 7,5 | 850  | 51    | 10  | 70     | ¾"  | 870x750x925  | 230 |
| 5255305 | CIERZO SCR 15-B YA | 15 | 11  | 1260 | 75,6  | 10  | 70     | 1"  | 950x880x1025 | 270 |
| 5265305 | CIERZO SCR 20-B YA | 20 | 15  | 1960 | 117,6 | 10  | 70     | 1"  | 950x880x1025 | 300 |

YA: star delta start (Y-Δ)

### (INVERTER)

| Code    | Model              | HP | Kw  | l/m<br>(max-min) | m³/h<br>(max-min) | bar | dB (A) | BSP | LxWxH<br>mm  | Kg  |
|---------|--------------------|----|-----|------------------|-------------------|-----|--------|-----|--------------|-----|
| 5235315 | CIERZO SCR 10-B VV | 10 | 7,5 | 850-420          | 51-25             | 10  | 68     | ¾"  | 870x750x925  | 230 |
| 5255315 | CIERZO SCR 15-B VV | 15 | 11  | 1260-630         | 75,6-37,8         | 10  | 68     | 1"  | 950x880x1025 | 270 |
| 5265315 | CIERZO SCR 20-B VV | 20 | 15  | 1960-980         | 117,6-58,8        | 10  | 68     | 1"  | 950x880x1025 | 300 |

\*Other voltage and/or pressure on demand.

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 8 bar and a maximum of 10 bar.

CIERZO SCR serie developed for the big industry, are compressors dotated with inverter and direct drive system 1:1. They look for the maximum efficiency of a daily use of the compressor, generating savings on the client's energetic invoice.

About their principal features, we could mention: compressor's controller with a touch screen which can be integrated on the client's SCADA, free multicontrol up to 16 compressors in serial production, reduced environmental footprint, wide panel which allow an easy and premium accesibility.



### Reliability and trust: extended warranty program.

From Compresores JOSVAL, aware of the quality and reliability of our equipment, we put at your disposal the modalities:

#### Extended warranty Cierzo Screw GAC-S

2 year warranty on screw compressors PRACTIKO and CIERZO SCR.



- No extra cost
- Unlimited operating hours
- All inclusive the first year\*  
\*(excluding consumables and electrical equipment)
- The remaning year:
  - Airend
  - Air/ oil cooler
  - Electronic control board
  - Oil separator tank
  - Electric motor
  - Variable speed Inverter

\*Ask your dealer for Compresores Josval warranty plans.

### CONTROL PANEL

The control panel, governed by the electronic display, inform us about status of the compressor (operating temperature, hours of work, maintenance interval, existing pressure, mode of operation etc.) At the same time, it allows from a distance start/stop functions with programming and SCADA integration, as other diverse functionalities.



### INVERTER -VV

Controlled through an electronic board, INVERTER devices allow to modulate power that is supplied to the engine. They allow progressive soft starting without breaks. You will get great savings of electricity consumption by making the engine vary your workload on the basis of the actual demand of air in each moment.



## FEATURES

- Efficient, robust and reliable screw compressor.
- Easy and fast access. Economic maintenance.
- Last generation electronic board control with powerful software which allows practically infinite configuration options.
- Inverter technology.
- Last generation airend profile with 5:6.
- Direct drive system, without gears or belts.
- Electric motor IE3 high-performance, low-power.
- Low noise level.
- Anti-dust filter.



### CIERZO SCR DIRECT DRIVE 1:1 (INVERTER)

| Code    | Model               | HP  | Kw | l/m<br>(max-min) | m³/h<br>(max-min) | bar | dB (A) | BSP  | LxWxH<br>mm    | Kg    |
|---------|---------------------|-----|----|------------------|-------------------|-----|--------|------|----------------|-------|
|         |                     |     |    |                  |                   |     |        |      |                |       |
| 5305315 | CIERZO SCR 30-B VV  | 30  | 22 | 2910-1455        | 174,6-87,3        | 10  | 70     | 1"   | 1300x850x1130  | 480   |
| 5325315 | CIERZO SCR 50-B VV  | 50  | 37 | 5200-2600        | 312-156           | 10  | 72     | 1 ¼" | 1450x900x1200  | 650   |
| 5335315 | CIERZO SCR 60-B VV  | 60  | 45 | 6120-3060        | 367,2-183,6       | 10  | 72     | 1 ½" | 1700x1000x1350 | 920   |
| 5345315 | CIERZO SCR 75-B VV  | 75  | 55 | 7530-3765        | 451,8-225,9       | 10  | 72     | 1 ½" | 1700x1000x1350 | 1.010 |
| 5355315 | CIERZO SCR 100-B VV | 100 | 75 | 10700-5350       | 642-321           | 10  | 72     | 1 ½" | 1900x1050x1500 | 1.260 |

\*Other voltage and/or pressure on demand.

Compressors whose maximum working pressure is 10 bar, are preset with a minimum standard pressure of 8 bar and a maximum of 10 bar.

**13**  
bar

Maximum operating pressure







## ENERGY+ SERIES OILS

ENERGY+ series oils are formulated with high quality base oils and performance enhancing additives which increase oxidation resistance and ensure good wear and corrosion protection. ENERGY+ series oils offer unbeatable value for the money.

Availability: 5 litres jug and 208 litres drum.



## FORTE SERIES OILS

FORTE series oils are high quality mineral base oils designed to meet the most stringent requirements of our customers. They are formulated with high performance additives which provide an excellent wear and corrosion protection, reduce maintenance costs and enhance equipment life and performance.

Compresores JOSVAL, as the manufacturer, recommends using FORTE series oils in demanding environments.

Availability: 5 litres jug



## FOOD GRADE SERIES OILS

NSF H1 approved oils are for screw and piston compressors, and are suitable for certain clinical and food applications.

Availability: 20 litres drum.



## MAINTENANCE

## INTERVALS FOR SCREW COMPRESSORS

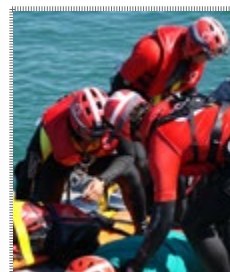
| Operation                            | Every 500 hors | Every 2.000 hors<br>or annually | Every 4.000 hors | Every 10.000 hors<br>or each 2 years |
|--------------------------------------|----------------|---------------------------------|------------------|--------------------------------------|
| Oil filter replacement               | ●              | ●                               | ●                |                                      |
| Oil replacement                      | ●              | ●                               | ●                |                                      |
| Oil filter cartridge replacement     | ●              | ●                               | ●                |                                      |
| Air-oil separator filter replacement |                |                                 | ●                |                                      |
| Belt replacement                     |                |                                 | ●                |                                      |
| Coupling star replacement            |                |                                 |                  | ●                                    |
| Air pre-filters replacement          |                |                                 |                  | ●                                    |

There are several applications of compressed air that require a compressor with special features, such as pressure higher than 15 bar or breathable air among many other examples. The special applications range incorporates reliable and versatile solutions for markets where the product quality is a priority.

TRINKEN  
THORDÖN  
AQUATIC



IDEAL FOR APPLICATIONS LIKE:



Air compressors developed to dispense drinks with KeyKeg barrels.

Compressed air replaces CO2, which being oil-free guarantees high air quality.

Minimal and economic maintenance.

Small dimensions and simple placing.

Silent operation for the best comfort in the work environment.

## FEATURES

- Compact, lightweight and silent.
- Equipped with handle for easy transport and handling.
- Without oil.
- Built in pressure regulator.
- Designed for use with KeyKeg barrels.
- Automatic thermal protection.
- Quick-connect coupling.
- Stainless steel finishing (TRINKEN 2 model).

TRINKEN 2:  
allows 2 taps to be  
used simultaneously.



TRINKEN 6:  
allows the simultaneous use  
of 6 taps and the connection  
of up to 16 barrels.

## TRINKEN



| Code    | Model     | HP   | Kw   | V   | H     | l/m | m³/h | bar | Lts | dB (A) | LxWxH<br>mm | Kg |
|---------|-----------|------|------|-----|-------|-----|------|-----|-----|--------|-------------|----|
| 5001015 | TRINKEN-2 | 0,15 | 0,11 | 220 | 50    | 12  | 0,72 | 3,5 | -   | 55     | 220x180x220 | 5  |
| 5001095 | TRINKEN-6 | 0,95 | 0,70 | 220 | 50/60 | 90  | 5,4  | 7   | 6   | 58     | 470x200x400 | 17 |



THORDÖN, high power with maximum portability.

Reaching 30 bar was reserved for large and expensive equipment. THORDÖN was born due to the need for greater pressure on time and in different locations too.

Extremely light and versatile, it can be used simultaneously both 30 bar and 10 bar, so that it becomes a complete and useful portable compressed air station.

## SINGLE PHASE



| Code    | Model        | HP  | Kw  | Lts | l/m | m³/h | bar | r.p.m. | dB (A) | LxWxH<br>mm | Kg |
|---------|--------------|-----|-----|-----|-----|------|-----|--------|--------|-------------|----|
| 5083037 | THORDÖN 130M | 2,2 | 1,6 | 20  | 130 | 7,8  | 30  | 1400   | 72     | 540x600x830 | 46 |

Air hose kit 30 bar  
optional



Male quick coupling  
1/4" 30 bar optional.



Quick connect male  
plug 1/4" 30 bar  
optional.



THORDÖN 130M

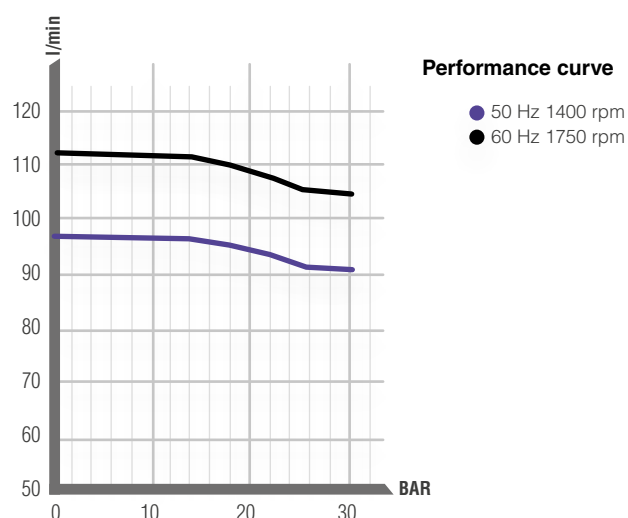


**Air flow** according to ISO 1217.

**Noise level** as CAGI-PNEUROP, measured in the open air, at a distance of 1 meter.

## FEATURES

- Compact, lightweight and portable.
- Easy transport and handling.
- Without oil.
- Direct drive.
- Operation at low R.P.M.
- Automatic thermal protection.
- Simultaneous operation up to 10 bar or high pressure up to 30 bar.
- Double pressure reducer
- Versatile, up to 4 simultaneous connection (2x10 bar and 2x30 bar quick couplings).



AQUATIC series breathing air compressors are compact and lightweight. Very easy to use, robust and highly resistant to corrosion, these are specially designed for mining, firefighting, scuba diving, and for clubs or independent divers, for example.



**Air flow** according to ISO 1217.

**Noise level** as CAGI-PNEUROP, measured in the open air, at a distance of 1 meter.

### SINGLE PHASE



| Code    | Model           | HP | Kw  | l/min | m³/h | bar | r.p.m. | dB (A) | LxWxH<br>mm | Kg   |
|---------|-----------------|----|-----|-------|------|-----|--------|--------|-------------|------|
| 5093002 | AQUATIC 100M    | 3  | 2,2 | 100   | 6    | 225 | 2100   | 79     | 580x410x410 | 42,5 |
| 5093003 | AQUATIC 100M/A* | 3  | 2,2 | 100   | 6    | 225 | 2100   | 79     | 580x410x410 | 42,5 |

\*A: automatic switch on/off

### THREE PHASE



| Code    | Model          | HP | Kw | l/min | m³/h | bar | r.p.m. | dB (A) | LxWxH<br>mm | Kg |
|---------|----------------|----|----|-------|------|-----|--------|--------|-------------|----|
| 5203002 | AQUATIC 100    | 4  | 3  | 100   | 6    | 225 | 2100   | 79     | 580x410x410 | 42 |
| 5203003 | AQUATIC 100/A* | 4  | 3  | 100   | 6    | 225 | 2100   | 79     | 580x410x410 | 42 |

\*A: automatic switch on/off

### PETROL

| Code    | Model           | HP | Kw  | l/min | m³/h | bar | r.p.m. | dB (A) | LxWxH<br>mm | Kg |
|---------|-----------------|----|-----|-------|------|-----|--------|--------|-------------|----|
| 5217002 | AQUATIC 100G    | 6  | 4,2 | 100   | 6    | 225 | 2100   | 84     | 580x410x410 | 42 |
| 5217003 | AQUATIC 100G/A* | 6  | 4,2 | 100   | 6    | 225 | 2100   | 84     | 580x410x410 | 42 |

\*A: automatic switch on/off

## FEATURES

- Autonomous compressor.
- Compact, lightweight and portable.
- Easy to use.
- High-end corrosion resistant.
- ATL System air purification.
- Breathable air according to regulations:  
UNE EN 12021:2014 - ANSI/CGA E-Z180.

### OTHER MODELS AVAILABLE:

- 330 bar version.
- Double pressure version (two filling devices, 225 and 330 bar).
- Trolley version.
- Other models like aquatic home, recreational pursuit, industrials are available on request.

AQUATIC 100 -G



A direct supply of compressed air from the compressor to your company's network can lead to several technical and economical problems. Both the pneumatic installation and the machinery of your company require a good enough air quality to extend the useful life of the equipment and its components.

By choosing the right air treatment solutions your company gets the following benefits:

1. Extend the useful life of your machinery and tools.
2. Prevent rust formation in your compressed air network.
3. Improve the energy efficiency of your equipment.
4. Lower maintenance costs.

For these reasons, you should always let the experts in compressed air advise you on how to improve your compressed air system to avoid unnecessary costs for your business.

## CONDENSATE SEPARATORS

## TANKS

## REFRIGERANT DRYERS

## FILTERS

## ACCESSORIES





Condensate separators are designed to separate solid elements, liquids and aerosols from the compressed air. They work by centrifugal force, accumulating these residues in the bottom of the separator which must be regularly purged.

## SCC - CONDENSATE SEPARATORS

| Code    | Model     | l/m   | m <sup>3</sup> /h | bar | BSP    | Kg  |
|---------|-----------|-------|-------------------|-----|--------|-----|
| 5657100 | SCC-1000  | 1000  | 60                | 16  | 1/2"   | 0,6 |
| 5657300 | SCC-3000  | 3000  | 180               | 16  | 3/4"   | 0,7 |
| 5657500 | SCC-5000  | 5000  | 300               | 16  | 1"     | 1,1 |
| 5657950 | SCC-9500  | 9500  | 570               | 16  | 1 1/2" | 1,3 |
| 5658165 | SCC-16500 | 16500 | 990               | 16  | 2"     | 3,6 |



## TANKS

All our horizontal and vertical standard tanks are equipped with a pressure gauge, safety valve and drain cock included in the price.

Tanks are manufactured according to EU directives 2009/105/EC, 97/23/EC and 2014/29/EU. We recommend draining the tank weekly or the installation of an electronic drain to ensure the absence of water in its interior.

### VERTICAL TANKS

| Code    | Model   | Lts  | bar | BSP (In-Out) | LxWxH<br>mm    | Kg  |
|---------|---------|------|-----|--------------|----------------|-----|
| 5590199 | DV 270  | 270  | 11  | 1"           | 490x490x1660   | 65  |
| 5590219 | DV 500  | 500  | 11  | 1"           | 600x600x2040   | 123 |
| 5590259 | DV 1000 | 1000 | 11  | 2"           | 850x850x2200   | 195 |
| 5590269 | DV 2000 | 2000 | 11  | 2"           | 1150x1150x2350 | 375 |

\*Other volume and/or pressure on demand.

### RECOMMENDED AND OPTIONAL

#### TIMER DRAIN

| Code    | bar | BSP  |
|---------|-----|------|
| 5654020 | 16  | 1/2" |



CIERZO COMPAC series refrigerant dryers represent the optimal solution for those who want the humidity elimination from a pneumatic installation, independent from the air demand.

They have been designed to obtain the maximum reliability and performance, apart from obtain an easy accessibility to facilitate their inspection and maintenance.

## FEATURES

- Premium design for an economic price.
- Easy assembly and disassembly.
- Aluminium fins. They allow to transfer efficiently the heat without having any problems due to low temperatures.
- They are designed for the industry where the temperature output is the same as the point value of dew (food industries, pharmaceutical, etc.)
- Temperature output between 3°C and the desired.
- Low pressure with different options.
- They include input and output filters (models up to 5500 l/m).
- Intelligent control system:
  - Display of pressure dew point.
  - Sound and light alarm for possible problems.
  - Quick identification of the affected component.
  - Manual condensate discharge by pressing the on/off button twice.
  - Integrated signal output for external alarm.



### CIERZO COMPAC DRYERS



| Code    | Model               | l/m   | m³/h  | Kw   | Vol/Ph/Hz   | bar | BSP  | LxWxH<br>mm   | Kg  |
|---------|---------------------|-------|-------|------|-------------|-----|------|---------------|-----|
| 5690009 | Cierzo Compac-900   | 900   | 54    | 0,31 | 230/1/50-60 | 16  | ½"   | 470x345x590   | 30  |
| 5690018 | Cierzo Compac-1800  | 1800  | 108   | 0,37 | 230/1/50-60 | 16  | ¾"   | 470x345x665   | 31  |
| 5690026 | Cierzo Compac-2600  | 2600  | 156   | 0,62 | 230/1/50-60 | 16  | 1"   | 580x480x790   | 44  |
| 5690037 | Cierzo Compac-3700  | 3700  | 222   | 0,76 | 230/1/50-60 | 16  | 1"   | 580x480x790   | 47  |
| 5690055 | Cierzo Compac-5500  | 5500  | 330   | 1    | 230/1/50-60 | 16  | 1"   | 690x520x1090  | 79  |
| 5690085 | Cierzo Compac-8500  | 8500  | 510   | 2,22 | 400/3/50-60 | 16  | 2"   | 855x730x1195  | 140 |
| 5690110 | Cierzo Compac-11000 | 11000 | 660   | 2,22 | 400/3/50-60 | 16  | 2"   | 855x735x1195  | 140 |
| 5690178 | Cierzo Compac-17800 | 17800 | 1.068 | 3,8  | 400/3/50-60 | 16  | 2 ½" | 1105x830x1380 | 226 |
| 5690255 | Cierzo Compac-25500 | 25500 | 1.530 | 4,71 | 400/3/50-60 | 16  | 3"   | 1395x830x1665 | 234 |

\*Other sizes and/or voltage on demand.

**FEP:** Suitable filters for the removal of solid particles up to 5 microns including fluids, emulsions and particles of oil. Their strong mechanical resistance makes these filters the ideal initial protection for the beginning of an installation of compressed air, and for retaining the impurities. For example, it is recommended for installation at the inlet of the dryers to pre-filter the FES models.




**FES and FEX:** Interception filters take advantage of the principle of coalescence, and are suitable for erasing solid particles up to 0,01 micron and oil down to 0,01 mg/m<sup>3</sup>.



**FEZ:** There are industrial processes that, in addition to requiring oil-free air, also require the elimination of oil vapors and odors. To this effect, the activated carbon filter through the process of adsorption attracts all the odors and fumes that are left after the oil removal process, and it keeps in the molecules of the activated carbon grains. Because of this, the filters of the FES and FEX models have to be placed before the filters FEZ.

## FILTERS



|  |      |  |                                    |         |                                     |         |  |         |   |  |
|---|------|---|------------------------------------|---------|-------------------------------------|---------|--|---------|---|---|
| l/m   | m³/h | Code  | Pre-filters<br>FEP<br>Particles>5µ | Code    | Interception<br>FES<br>Particles>1µ | Code    | Interception<br>FEX<br>Particles>0,01µ | Code    | Activated carbon<br>FEZ<br>Particles>0,003µ | BSP   |
| 1800  | 108  | 5676018   | FEP-1800                           | 5677018 | FES-1800                            | 5678018 | FEX-1800                               | 5679018 | FEZ-1800                                    | 3/4"  |
| 3400  | 204  | 5676034   | FEP-3400                           | 5677034 | FES-3400                            | 5678034 | FEX-3400                               | 5679034 | FEZ-3400                                    | 1"  |
| 7200  | 432  | 5676072   | FEP-7200                           | 5677072 | FES-7200                            | 5678072 | FEX-7200                               | 5679072 | FEZ-7200                                    | 1 ½"  |
| 12800   | 770  | 5676128   | FEP-12800                          | 5677125 | FES-12800                           | 5678128 | FEX-12800                              | 5679128 | FEZ-12800                                   | 2"  |
| 16500   | 990  | 5676165   | FEP-16500                          | 5677165 | FES-16500                           | 5678165 | FEX-16500                              | 5679165 | FEZ-16500                                   | 2"  |
| 28000   | 1680 | 5676280   | FEP-28000                          | 5677280 | FES-28000                           | 5678280 | FEX-28000                              | 5679280 | FEZ-28000                                   | 3"  |

\* Higher Flow rates filters, on request.

## RECOMMENDED AND OPTIONAL

### Saturation indicator:

it marks the need for replacement of the cartridge  
Available in a version with differential pressure gauge.  
Code: 5679702





### Automatic condensate drain Code 5679701







## MALE UNIVERSAL COUPLING

|  |  |
|---|---|
| Code  | BSP   |
| 5631210   | 1/4"  |
| 5631216   | 3/8"  |
| 5631213   | 1/2"  |



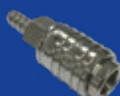
## FEMALE UNIVERSAL COUPLING

|  |  |
|---|---|
| Code  | BSP   |
| 5631211   | 1/4"  |
| 5631217   | 3/8"  |
| 5631214   | 1/2"  |



## DOWEL UNIVERSAL COUPLING

|  |  |
|---|---|
| Code  | mm  |
| 5631264   | 6   |
| 5631266   | 8   |
| 5631268   | 10  |





## UNIVERSAL COUPLING

Compresores Josval's couplings are universal models, valid for connectors with perfil:

- UNI ISO 6150 B-12 Ø 5,5
- Swedish standard Ø 5,5
- European standard Ø 7,5
- Italian standard Ø 5



## MALE QUICK CONNECTOR

|  |  |
|---|---|
| Code  | BSP   |
| 5631220   | 1/4"  |
| 5631226   | 3/8"  |
| 5631223   | 1/2"  |



## FEMALE QUICK CONNECTOR

|  |  |
|---|---|
| Code  | BSP   |
| 5631221   | 1/4"  |
| 5631227   | 3/8"  |
| 5631224   | 1/2"  |



## AUTOMATIC HOSE REEL

| Code    | mm     | Length (m) | Mesures (mm) | Weight (kg) |
|---------|--------|------------|--------------|-------------|
| 9052010 | 8x12   | 10+1       | 295x165x330  | 4           |
| 9052015 | 9,5x16 | 15+1,5     | 440x225x410  | 8           |
| 9052020 | 9,5x16 | 20+2       | 440x225x410  | 8           |

Work pressure: 8 bar  
 Connection (BSP): 1/4" male (plugs are not included).  
 Adjustable metal fixing support.



## POLYURETHANE SPIRAL WITH ROTATING FITTINGS

| Code    | mm     | Length (m) | BSP  |
|---------|--------|------------|------|
| 9052156 | 5x8    | 6          | 1/4" |
| 9052159 | 5x8    | 9          | 1/4" |
| 9052166 | 6,5x10 | 6          | 1/4" |
| 9052169 | 6,5x10 | 9          | 1/4" |
| 9052165 | 6,5x10 | 15         | 1/4" |
| 9052189 | 8x12   | 9          | 1/4" |
| 9052185 | 8x12   | 15         | 1/4" |



## FILTER REGULATOR (F+R)

| Code    | Conection (BSP) | Regulation | Flow (l/m) | Filtration (μ) |
|---------|-----------------|------------|------------|----------------|
| 5630527 | 1/8"            | 0-12 bar   | 850        | 20             |
| 5630521 | 1/4"            | 0-12 bar   | 850        | 20             |
| 5630523 | 3/8"            | 0-12 bar   | 2600       | 20             |
| 5630525 | 1/2"            | 0-12 bar   | 2600       | 20             |
| 5630526 | 1"              | 0-12 bar   | 12000      | 20             |



## FILTER REGULATOR+ LUBRICATOR (F+R+L)

| Code    | Conection (BSP) | Regulation | Flow (l/m) | Filtration (μ) |
|---------|-----------------|------------|------------|----------------|
| 5631065 | 1/8"            | 0-12 bar   | 700        | 20             |
| 5631014 | 1/4"            | 0-12 bar   | 700        | 20             |
| 5631020 | 3/8"            | 0-12 bar   | 2500       | 20             |
| 5631030 | 1/2"            | 0-12 bar   | 2500       | 20             |
| 5631050 | 1"              | 0-12 bar   | 10000      | 20             |



## MANOMETER

| Code    | Conection (BSP) | Scale (bar) | Ø (mm) | Thread |
|---------|-----------------|-------------|--------|--------|
| 5630930 | 1/8"            | 0-16 bar    | 50     | Rear   |



## DIY KIT 6 ELEMENTS CJ-06

- Wheel inflator with universal connector.
- Blower with universal connector.
- Set of three inflation nozzles.
- 6 meters spiral with plug and universal connector.

DIY Kit 6 elements CJ-06



## DIY KIT 6 ELEMENTS CJ-06

| Code    | Description          |
|---------|----------------------|
| 9112009 | Kit 6 elements CJ-06 |

## DIY KIT 5 ELEMENTS CJ

- Airbrush (gravity or suction) with universal connector.
- Blower with universal connector.
- Wheel inflator with universal connector.
- Oil gun with universal connector.
- 6 meters spiral with plug and universal connector.

## DIY KIT 5 ELEMENTS CJ

| Code    | Description       |
|---------|-------------------|
| 9112005 | Gravity Kit CJ-05 |
| 9112007 | Suction Kit CJ-05 |

Gravity kit CJ-05



Suction kit CJ-05





## ALL CONTROL AVAILABLE - TOUCH CONTROL BOARD

Control system and Human Machine Interface (HMI) integrated in a 7" controller. The graphical representation of the system operation is easy, intuitive and versatile, offering values of more than 100 different parameters and, at the same time, allowing to easily consult the most representative values of the process (pressure, temperature, operating time, etc...). The touch controller also allows the INVERTER device to be operated, combining the entire compressor operation into a single control.

In addition to these operating functions, it offers the ability to operate in a MULTICONTROL function (up to 16 connected devices), and the ability to program its operation using its programmable internal clock, distinguishing between hours and days of the week.

The connectivity of the equipment allows communication with other equipment by means of MODBUS II protocol, being possible the remote control and visualization of the pressure equipment, both remotely (connection via TCP/IP) and locally (connection via common COM port). The data obtained through the MODBUS II protocol is easily integrated into SCADA systems, making it possible for our compressors to interact with other equipment present in an industry, allowing the management of an industrial plant in an integral manner.





## ABREGO - CONTROL AND DATA ACQUISITION SOFTWARE

(OPTIONAL)

The ABREGO software allows compressors to be operated remotely in a simple and intuitive way. Thanks to its graphical interface, ABREGO allows an easy control of our compressors being able to operate in the equipment with high capacity of operation. Combined with management functions, it offers the necessary safety in industrial processes, where the correct interpretation of commands from the control station is crucial.

From Compresores JOSVAL we bet for ABREGO as a response to the increasing automation dominant in nowadays' market, and to the relocation of control centers with respect to production centers, offering in this way, the possibility of operating from a distance.



### FEATURES

- Possibility of displaying the selected parameters.
- Ability to operate on the equipment from the program.
- Ability to customize and adapt to customer needs.
- Capacity to create alarms and logs as required.

### ONE STEP AHEAD

Compresores JOSVAL has the latest technology in remote control and management of pressure equipment, both remotely and locally. With equipment such as the touch screen, parameters such as pressures, temperatures, maintenance, alarms, etc. can be easily managed

## **SALE TERMS & GENERAL INFORMATION**

This catalogue price list replaces all previous lists and is valid until the publication of a new one.

The price indicated does not include VAT.

Shipments will be carried out from our warehouse and freight is to be prepaid by the purchaser, as well as any costs associated with the return of the goods.

It is the obligation of the buyer to thoroughly review the goods at the time of its receipt and check its good condition, as well as notify in writing to the carrier and to Compresores JOSVAL, S.L. any damage suffered during the transport within 24 hours of its receipt. Past this time, Compresores JOSVAL, S.L. cannot accept any warranty claim regarding transport damages.

All merchandise will be property of Compresores JOSVAL, S.L. until the payment of the total amount of the invoice is at Compresores JOSVAL, S.L. disposal. If buyer fails to make payment, the transaction will be cancelled and Compresores JOSVAL, S.L. will be able to retrieve the merchandise sold by keeping the amount of payments received as compensation for its use. In this case, if the product had been damaged the buyer will be responsible and shall compensate Compresores JOSVAL, S.L.

These terms may be subject to change without notice and shall be construed as fully accepted with the confirmation of the order. Technical data and photographs may be changed without notice and without obligation for Compresores JOSVAL, S.L.

## **GENERAL WARRANTY CONDITIONS**

The warranty refers only to the faults or defects that may be attributable to the manufacturer, its period of validity being for 1 year from the date of sale of the machine.

The warranty does not cover any damages due to incorrect installation or improper maintenance of the equipment, which we have not addressed in the instructions expressed in the manufacturer's manual.

The warranty is declared null with any modification made to the compressor without the express permission of JOSVAL, and also, the use of non-original JOSVAL parts will result in the loss of warranty.

Not included in the warranty are the replacement of parts and materials due to wear or supplies (maintenance), as well as motors or other electrical/electronic components and electrical/electronic equipment.

Warranty claims must be filed immediately after the defect is observed, with a detailed written report of the defect.

All cost incurred by demands of the warranty which prove to be irrelevant, shall be assumed by the buyer.

Repairs covered by the warranty will be provided in our facilities, being that all costs associated with travel or transport are incurred by the customer.

Damaged parts or faulty items should be sent with postage paid to JOSVAL, who will then consider and determine whether or not the warranty claim is valid.

JOSVAL, when fulfilling a warranty claim, will decide to repair the defects or replace defective parts.

The parts replaced under warranty have a validity period of 4 months following their replacement.

This warranty excludes any condition that has not been expressly given.

## AIR QUALITY (classification according to ISO 8573.1)

Useful information 

| CLASS | SOLIDS                      |  | WATER               | OIL                                   |
|-------|-----------------------------|--|---------------------|---------------------------------------|
|       | Max. Particle Size (micron) | Max. Solids Concentration (mg/m <sup>3</sup> ) | Max. PDP 7 bar (°C) | Max. Oil Content (mg/m <sup>3</sup> ) |
| 1     | 0,1                         | 0,1  | -70                 | 0,01                                  |
| 2     | 1                           | 1  | -40                 | 0,1                                   |
| 3     | 5                           | 5  | -20                 | 1                                     |
| 4     | 15                          | 8  | +3                  | 5                                     |
| 5     | 40                          | 10   | +7                  | 25                                    |
| 6     | -                           | -  | +10                 | -                                     |

**EXAMPLE:** Selecting an air purity class of 1, 2, 1 would specify the following conditions:

- 1 = solids filtration up to 0,1 micron and 0,1 mg/m<sup>3</sup>
- 2 = pressure dewpoint (PDP) of -40°C
- 1 = oil filtration up to 0,01 mg/m<sup>3</sup>

This case would refer to the air in touch with food or packaging in touch with food.

## ISO 9001 - QUALITY MANAGEMENT SYSTEM CERTIFICATION







#### HEADQUARTERS

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