

MADE IN ITALY



**POWER
SYSTEM**
AIR COMPRESSORS

Belt-driven
rotary screw
compressors

PASCAL
4-15 kW



PASCAL

Belt-driven rotary screw compressors

From 4 to 15 kW, 270-lt air receiver mounted.
Pressure range at 8 - 10 and 13 bar (13 bar from 7.5 kW).



Premium efficiency IE3 motors

Fully focused on combining maximum reliability with optimum energy efficiency.



Very silent

The centrifugal fan design along with the careful arrangement of all other components within the machine added to extensive sound insulation results in the PASCAL, offering very low operating noise levels.



Robust, compact, space saving design

The PASCAL screw compressors are built using the highest quality components throughout. The attention to detail in the build, finishing and testing of the product results in a high performance, high reliability and silent operation. The compact design is ideal for installation when space is restricted or in situations when the compressor needs to be installed near the production activity.



Ease of access to all components

All main components can be readily accessed from the large front access door. This allows convenient inspection with fast and simple maintenance.

Long service life

The POLY-V belt-drive ensures significantly lower power losses and three times the service life compared to standard range "V" type belts fitted to other compressors on the market.



Made in Italy air-ends

Our high performance and extremely reliable PS 26 and PS 14 air-ends are entirely designed and produced in our Italian facilities.

Optimal control and adjustment

The innovative controllers fitted to the PASCAL range have been specifically developed to guarantee optimum monitoring and regulation of the compressors operation, allowing flexibility and full programming of the complete compressed air station for maximum efficiency and safety.



DNAir2 controller **Installed on models from 11 to 15 kW**

Specially designed for simple and flexible programming, it adjusts and controls the operation of the compressor, guaranteeing its efficiency and safety. The user-friendly interface consists of a large backlit LCD display, with simple and clearly understood icons.

All commands and functions are accessed easily using multi-lingual drop-down menus.



DNAir1 controller **Installed on models from 4 to 7.5 kW**

This highly developed system allows the machine's operation to be fully programmed in several languages and also allows remote control, access to the maintenance schedule, etc.

The backlight display shows: working pressure, working/load hours, load/idle running, oil temperature. The controller stores a fault log for easier troubleshooting. Start/stop and safety operation controls are easily accessible. It includes a phase sequence relay to check motor direction of rotation.

Unbeatable features

- **OUR OWN AIR ENDS**
- **OUR OWN CONTROLLERS**
- **OUR OWN INTAKE REGULATORS**

Separated cooling system

The centrifugal fan is activated automatically by the thermostatic control through the DNAir controller. This allows the machine to quickly reach and precisely maintain the ideal operating temperature.

Thermostatic valve

The thermostatic valve regulates the oil temperature, preventing the formation of condensate inside the oil-separator vessel.



PASCAL

4-7.5 kW

Code	Air receiver	Power		Air delivered			Max. pressure		Sound level	Connec-tion	Net weight		Net dimensions
	ℓ	kW	HP	m³/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	Ø	kg	Lbs	LxWxH (cm)
PASCAL 4.0													
PASCAL 4.0-08-270	270	4	5.5	0.58	34.8	20.5	8	116	60	1/2"	246	542	120 x 65 x 154
PASCAL 4.0-10-270	270	4	5.5	0.49	29.1	17.1	10	145	60	1/2"	246	542	120 x 65 x 154
PASCAL 5.5													
PASCAL 5.5-08-270	270	5.5	7.5	0.72	43.2	25.4	8	116	64	1/2"	248	547	120 x 65 x 154
PASCAL 5.5-10-270	270	5.5	7.5	0.65	39	22.9	10	145	64	1/2"	248	547	120 x 65 x 154
PASCAL 7.5													
PASCAL 7.5-08-270	270	7.5	10	1.25	75	44.1	8	116	66	1/2"	262	578	120 x 65 x 154
PASCAL 7.5-10-270	270	7.5	10	1.00	60	35.3	10	145	66	1/2"	262	578	120 x 65 x 154
PASCAL 7.5-13-270	270	7.5	10	0.75	45	26.5	13	188	66	1/2"	292	644	120 x 65 x 154

PASCAL

11-15 kW

Code	Air receiver	Power		Air outflow rate (max. / min.)			Max. pressure		Sound level	Connec-tion	Net weight		Net dimensions
	ℓ	kW	HP	m³/min.	m³/h	c.f.m.	bar	p.s.i.	dB(A)	Ø	kg	Lbs	LxWxH (cm)
PASCAL 11													
PASCAL 11-08-270	270	11	15	1.65	99	58.2	8	116	69	3/4"	300	662	155 x 70 x 153
PASCAL 11-10-270	270	11	15	1.50	90	53	10	145	69	3/4"	300	662	155 x 70 x 153
PASCAL 11-13-270	270	11	15	1.15	69	40.6	13	188	69	3/4"	328	723	155 x 70 x 153
PASCAL 15													
PASCAL 15-08-270	270	15	20	2.15	129	75.9	8	116	70	3/4"	310	684	155 x 70 x 153
PASCAL 15-10-270	270	15	20	1.85	111	65.3	10	145	70	3/4"	310	684	155 x 70 x 153
PASCAL 15-13-270	270	15	20	1.55	93	54.7	13	188	70	3/4"	338	745	155 x 70 x 153

Free air delivery as per ISO 1217 Annex C, at 7.5 - 9.5 - 12.5 bar at the compressor outlet. ± 3 dB (A) as PNEUROP/CAGI PN-NTC 2.3.



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