



Provide trusted & advanced technologies

# DRY C P - CR P Dry claw compressors



[www.pvr.it](http://www.pvr.it)

# DRY C P - CR P Series

## Dry claw compressors

DRY C series have been designed for those applications where the handled medium must remain contaminant free during the process. The absence of wear parts in these pumps offer considerable savings in maintenance and associated downtime.



### Applications

- Bottle fillings
- Milk production
- Evisceration systems
- Pneumatic conveying plants
- Granule conveying systems
- Plastic extruders
- Pick & place systems
- Hospital central vacuum
- Ozone generators

- CNC routers
- Glass, ceramic and pottery industry
- Water and soil remediation
- Printing machines
- Central vacuum systems

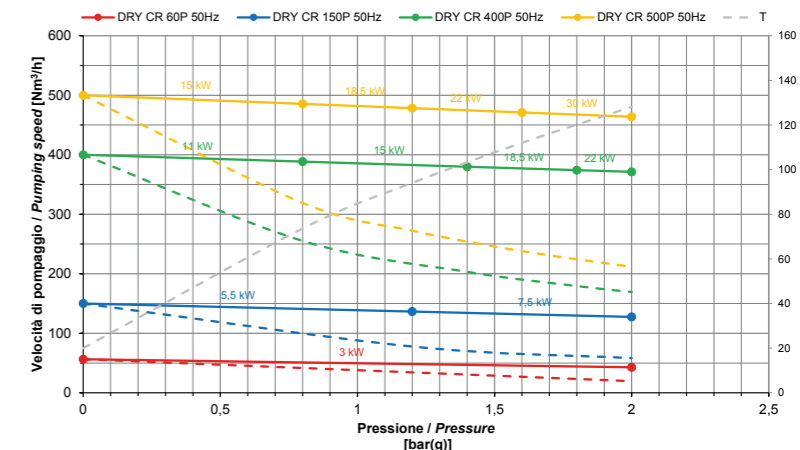
### Optional and accessories

- VFD- inverter
- Suction filter
- Vacuum regulating valve
- Safety valve
- Silencer



		DRY C 100 P				DRY C 157 P				DRY C 250 P				DRY C 300 P						
Nominal pumping speed	m <sup>3</sup> /h	100				150				235				300						
		120				180				282				360						
Ultimate pressure (G.)	bar	0.6	1	1.5	2.3	0.60	0.85	1.2	2.0	2.45	0.5	0.90	1.6	2.1	0.5	0.75	1.2	2.1		
		0.5	0.8	1.2	2.1	0.65	1.2	2.0			0.45	0.75	1.4	1.75	0.45	0.65	1.1	1.8		
Noise level	dB(A)	76				78				77				80						
		78				80				80				84						
Motor power	kW	2.2	3	4	5.5	3	4	5.5	7.5	9.2	5.5	7.5	11	15	5.5	7.5	11	15		
		3	4	5.5	7.5	4	7.5	9.2			6.6	9.0	13.2	18	7.5	9.2	15	18.5		
Motor speed	rpm	3000				3000				3000				3000						
		3600				3600				3600				3600						
Dimensions	L	mm	50 Hz	723	744	771	771	926	943	1005	1044	1044	878	898	1041	1041	892	912	1055	1055
			60 Hz	723	744	771	771	943	1044	1044			898	936	1041	1041	912	950	1055	1055
	B x H	mm	424x402				400x668				738x530				738x530					

DRY CR 500 P



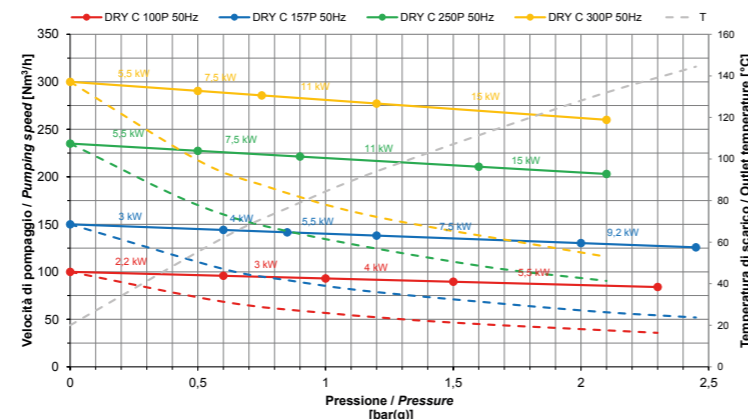
		DRY CR 60 P		DRY CR 150 P		DRY CR 400 P				DRY CR 500 P				
Nominal pumping speed	m <sup>3</sup> /h	56		150		400				500				
		68		180		480				600				
Ultimate pressure (G.)	bar	2		1.2		0.8		1.4		1.8		2		
		2		1.2		0.6		1.2		1.6		2		
Noise level	dB(A)	78		80		81				81				
		79		82		82				83				
Motor power	kW	3		5.5		11		15		18.5		22		
		4		7.5		15		18.5		22		30		
Motor speed	rpm	2850		2850		2850				2850				
		3450		3450		3450				3450				
Dimensions	L	mm	50 Hz	781	903	903	1274	1274	1274	1340	1289	1289	1355	1410
			60 Hz	806	903	941	1274	1274	1340	1395	1289	-	1410	1410
	B x H	mm	297x461		435x643		672x1003				672x1003			

## Dry claw technology

Designed to avoid contaminating applications and processes.

These compressors are suitable for any application even in the most challenging conditions thanks to their robustness, simplicity and contaminant handling capability.

Dry C guarantees minor lifecycle costs, high productivity, low energy consumption, simple operation and control, maintenance free.



## HCT version

The HCT version of the DRY C P series compressors consists of a surface treatment of the rotors to increase the resistance to water vapour and corrosion.

The special treatment and the absence of wear parts allow considerable savings in terms of both maintenance and machine downtime.





# Company

PVR continues the production of vacuum pumps which began in the Sixties, with the aid of new technologies, as requested from the market. The experience built in over 50 years, the development of new products, the modern production lines and a trained staff allow us to supply reliable and innovative products.



## Service

PVR guarantees a qualified advice for every inquiry thanks to its skilled technical/sales office that supports every project.

The Service Department assists and advises our customers with scheduled servicing qualified overhauls and spare parts promptly delivered.



**PVR Srl**

**HEADQUARTERS:**

Via Santa Vecchia, 107 - 23868 Valmadrera (LC), Italy  
T +39 0341 1918 51 - F +39 0341 1918 599  
sales@pvr.it - www.pvr.it

**LOCAL UNIT:**

Via IV Novembre, 104F  
23868 Valmadrera (LC), Italy

**MACHINING DIVISION:**

Via Grandi, 12 Loc. Malpensata  
26866 Sant'Angelo Lodigiano (LO), Italy



+39 0341 191 851



service@pvr.it

