



# Company

For 60 years PVR has been a leader providing high quality and reliable vacuum pumps. PVR means primarily trusted and advanced technologies, but also sustainable development for the stakeholders, environmental protection and focus on energy saving. The experience acquired during these years of activities, allows PVR to offer products and services that are always reliable and innovative.



## Machining Division

With a view to verticalization of its processes and increased capacity to provide more services to customers, PVR has had a specialized Machining Division for brass, steel, cast iron, stainless steel, and aluminum components since 2023.

Professionalism, experience, and quality characterise PVR Machining Division in the machining of numerous parts for vacuum pumps and components in the industrial, automotive, petrochemical, hydraulic, and electrical sectors.



## 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 maintenance, qualified overhauls and spare parts ready for delivery.



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Provide trusted & advanced technologies



## DRY CP - CRP Dry claw compressors



# 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



Nominal pumping speed	m³/h	DRY C 100 P				DRY C 157 P				DRY C 250 P					
		50 Hz	100	60 Hz	120	50 Hz	150	60 Hz	180	50 Hz	235	60 Hz	282		
Ultimate pressure (G.)	bar	50 Hz	0,6	1	1,5	2,3	0,60	0,85	1,2	2,0	2,45	0,50	0,90	1,60	2,10
		60 Hz	0,5	0,8	1,2	2,1	0,65	1,2	2,0	0,45	0,75	1,4	1,75		
Noise level with silencer	dB(A)	50 Hz	76			78			77						
		60 Hz	78			80			80						
Motor power	kW	50 Hz	2,2	3	4	5,5	3	4	5,5	7,5	9,2	5,5	7,5	11,0	15,0
		60 Hz	2,7	3,6	4,8	6,6	4	7,5	9,2	6,6	9,0	13,2	18,0		
Motor speed	rpm	50 Hz	3000			3000			3000						
		60 Hz	3600			3600			3600						
Dimensions	L mm	50 Hz	723	744	771	771	926	943	1005	1044	1044	878	898	1041	1041
		60 Hz	723	744	771	771	943	1044	1044	898	1041	1041	1041		
	B x H mm	424x402				400x668				738x530					

## Optional and accessories

VFD- inverter  
Suction filter  
Safety valve  
Silencer

DRY C 157 P



Scan to find out more

DRY C 300 P	DRY CR 60 P	DRY CR 150 P	DRY CR 400 P	DRY CR 500 P
300	56	150	400	500
360	68	180	480	600
0,5 0,75 1,2 2,1	2	1,2 2	0,8 1,4 1,8 2	0,8 1,2 1,6 2
0,45 0,65 1,1 1,8	2	1,2 2	0,6 1,2 1,6 2	0,8 - 1,6 2
78	78	80	81	81
81	79	82	82	83
5,5 7,5 11 15	3	5,5 7,5	11 15 18,5 22	15 18,5 22 30
6,6 9 13,2 18	4	7,5 9,2	15 18,5 22 30	18,5 22 30 37
3000	2850	2850	2850	2850
3600	3450	3450	3450	3450
892 912 1055 1055	781	903 903	1274 1274 1274 1340	1289 1289 1355 1410
912 950 1055 1055	806	903 941	1274 1274 1340 1395	1289 1355 1410 1410
738x530	297x461	435x643	672x1003	672x1003

## Dry claw technology

Designed to avoid contaminating applications and processes. These pumps 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.

