

100 HP | 406 CFM Permanent Magnet Rotary Screw Compressor

77 dBA

455 CFM @
120 PSI

406 CFM @
150 PSI

Features

- Liquid cooled Permanent Magnet drive motor
- 50% oversized air/oil cooler to allow for higher ambient conditions
- Direct drive for zero power loss — no bearings, belts, or couplers
- IE4 Super Premium Efficiency standard for energy savings
- IP65 protection against dust and moisture
- Variable speed drive
- Integrated flux vector inverter
- Wide voltage design meets C3 and EMC standards
- UL Certified electrical controls
- VSD controlled cooling fan
- Built in DC Reactor
- 7 inch full color touch screen
- RS485 connectivity for system integration
- Closed Loop dynamic controls
- Quiet thermostatically controlled cooling fan
- Compressor airend speed 3500 RPM or less
- Easy controller interface

CDR Package Features

- ASME/CRN certified air receiver
- Automatic tank drain
- Refrigerated air dryer
- Vibration isolation pads
- Freight pre-paid in the 48 states & southern Canada



Model	HP	CFM @ 120 PSI	CFM @ 150 PSI	Voltage	dBA	Tank	LxWxH	Weight
R100ENC-PM	100	455	406	208-230/480/3	77±3	N/A	47×79×61	3197

To make package "CDR" configuration add -CDR to the end of the model number

No Start Up Kit Required

Lifetime Parts Warranty Available

Industrial Gold

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