

Evolution

5-7.5 HP QUIET ENCLOSED RECIPROCATING AIR COMPRESSORS



Blazing a new path in reciprocating compressors, the Champion Evolution is a perfect choice for applications with intermittent duty and a low noise requirement. Evolution delivers powerful performance, easy maintenance, and extremely low noise levels all in one package to provide maximum customer satisfaction.

COMPRESSOR FEATURES FOR SUPERIOR VALUE

- ▶ Industrial grade compressor with unique features including gasketless cylinder/head design, stainless steel valve disks and tapered roller main bearings for superior dependability.
- ▶ Unique domed piston design for maximum air delivery and efficiency.

QUALITY PACKAGE DESIGN

- ▶ Separate compressor and motor chambers with dedicated cooling circuits for cooler operation and longer life.
- ▶ Oil site gauge for ease of monitoring and service.
- ▶ Integrated heavy-duty air cooled aftercooler for up to 65% moisture removal.
- ▶ Filter maintenance indicator, showing a need for a filter change, for user-friendly monitoring.
- ▶ Rubber vibration isolators, separating inner base from the enclosure, for maximum noise and vibration control.
- ▶ Innovative belt tensioning system for easy service.

ACOUSTIC ENCLOSURE

- ▶ Standard enclosure provides a low 67 dBA (5 hp) & 68 dBA (7.5 hp) noise level to ensure quiet operation at any facility.
- ▶ Easy access to all service areas provided by latched panels, which could be easily removed.

COMPLETE AFTERMARKET SUPPORT

- ▶ A complete line of Champion aftermarket products is available to ensure the long life of each compressor.



CHAMPION[®]

BASE MOUNTED UNITS

Motor HP	Stockable Variant CABQEA	Pump Comp Model	L x W x H Dimensions inches	Aprox. Ship Wt.lbs.	Sound Level (dBA)	175 PSI Rating*		
						RPM	CFM Displ.	CFM Del'y
5	BER-5	RP15B	40½ x 31½ x 31	505	67	734	21.3	16.8
7½	BER-7F	RP15B	40½ x 31½ x 31	534	68	990	28.7	22.4

HORIZONTAL TANK MOUNTED UNITS

Motor HP	Tank Cap Gal.	Stockable Variant CASQEA	Pump Comp Model	L x W x H Dimensions inches	Aprox. Ship Wt.lbs.	Sound Level (dBA)	175 PSI Rating*		
							RPM	CFM Displ.	CFM Del'y
5	80	HER5-8	RP15B	67 x 31½ x 53½	733	67	734	21.3	16.8
7½	80	HER7F-8	RP15B	67 x 31½ x 53½	762	68	990	28.7	22.4

*Units tested in accordance with CAGI/PNEUROP Acceptance Test Code PN2CPTC2.

STANDARD EQUIPMENT

- Separate compressor and motor chambers with dedicated cooling circuits
- Oil site gauge for ease of monitoring and service
- Integrated heavy-duty air cooled aftercooler for up to 65% moisture removal
- Filter maintenance indicator for user-friendly monitoring
- Sound attenuating enclosure for low noise operation
- Compressor and motor are isolated on rubber mounted sub-base to minimize the vibration and noise
- Magnetic starter for thermal overload protection
- Manual tank drain
- Standard start/stop control

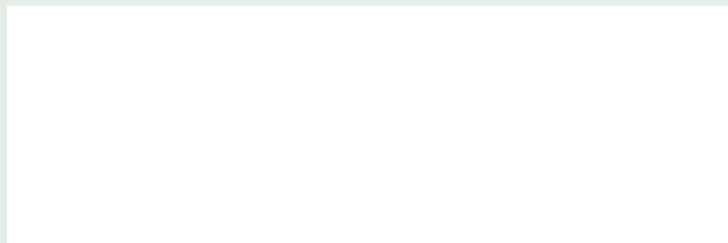
- Belt tensioning system for easy service

- Easily removable front and back panels for easy serviceability
- Axial flow fan for superior cooling of electric motor
- Ball valve for easy maintenance of lubricant
- Package easily fits through a standard 36" door
- 80/20 duty cycle
- Five-Year warranty

OPTIONAL EQUIPMENT

- NEMA 4 Starter
- Moisture Separator
- Dual Control
- Low Oil Level Shutdown
- High Temperature Shut Down
- Electric Tank Drain
- Premium Efficiency Motors
- TEFC Motors
- Vibration Isolators

AUTHORIZED DISTRIBUTOR



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Member

