

5-15 HP FIXED SPEED ROTARY SCREW COMPRESSORS

D Series

Innovative, Integrated Design

D Series compressors feature innovative, integrated air end designs that reduce connection points, enhance reliability, and promote superior serviceability. The simplified, reduced-component approach extends beyond the air end into the oil and air cooler. This combination cooler results in a reduction in energy consumption, low discharge air temperatures, and an increase in overall system reliability. Couple these service and reliability benefits with the unit's small footprint and it's easy to see why the integrated design approach sets the D Series apart from the competition. Best of all, it's affordable.

Quiet & Built to Perform in Demanding Environments

Designed to operate at a 100% duty cycle, D Series compressors from Champion are ideal for demanding environments where dry, clean, continuous-use compressed air is required. The quiet enclosed design enables you to install the compressor near the point-of-use without any concern of elevated noise levels. The D Series yields noise levels as low as 68 dBA allowing you to work comfortably 24/7.

Air System Solution

A D Series Air System is a complete solution for your application featuring a:

- Rotary screw compressor
- Refrigerated air dryer & 1 micron pre-filter
- Two separate electrical connections (compressor & dryer)
- Tank drain
- Controller

It's the compact, plug-and-play compressed air solution you've been looking for. The D Series Air System is your true compressed air system solution.



D5-D15 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		60 Hz				NOISE LEVEL ²	WEIGHT		DIMENSIONS L x W x H IN. (MM)
	HP	KW	NOMINAL PRESSURE		FAD ¹			LBS	KG	
			PSIG	BAR	ACFM	M ³ /MIN				
D5	5	4	110 145	7.6 10	19.5 17.9	0.55 0.51	68	461	209	26.3 x 27.5 x 44.3 (667 x 698 x 1124)
D7	7.5	5.5	110 145	7.6 10	25.6 23.4	0.72 0.66				
D10	10	7.5	110 145	7.6 10	35.7 32.0	1.01 0.91	70	576	261	
D15	15	11	110 145	7.6 10	52.2 47.0	1.48 1.33				

1) Data measured and stated in accordance with ISO1217, Ed. 4, Annex C & Annex E at the following conditions:

Air Intake Pressure 1 bar A, Air Intake Temperature 20° C, Humidity 0% (Dry)

2) Measured in free field conditions in accordance with ISO 2151, tolerance +/- 3dB

AIR STATION SPECIFICATIONS, 60 HZ

MODEL	WEIGHT LBS (KG)				DIMENSIONS L x W x H IN. (MM)			
	80 GAL (303 L)		120 GAL (454 L)		80 GAL (303 L)		120 GAL (454 L)	
	LESS DRYER	WITH DRYER	LESS DRYER	WITH DRYER	LESS DRYER	WITH DRYER	LESS DRYER	WITH DRYER
D5	785	864	789	871	70.8 x 28.1 x 68.2 (1798 x 713 x 1733)	70.1 x 28.2 x 68.2 (1779 x 717 x 1733)	75 x 28.1 x 73.3 (1905 x 713 x 1863)	74.1 x 28.2 x 73.3 (1883 x 717 x 1863)
D7	(356)	(392)	(358)	(395)				
D10	900	1078	904	1087				
D15	(408)	(489)	(410)	(493)				

CGDA Series (D5 and D7) and XCNC Series (D10 and D15) dryers use R513A refrigerant. Dryer on AirStation™ package has separate electrical connection and voltage.

1 Refrigerated Air Dryer

Prevents moisture entering critical work areas downstream improving overall air quality and system efficiency.

2 Smart, Simplified Controls

Easy to use, intelligent control solutions that manage, monitor and maintain optimal operational parameters automatically ensuring reliable operation and protecting your investment

3 Rotary Screw Compressor

D Series compressors from Champion are ideal for demanding environments where dry, clean, continuous-use compressed air is required. Its integrated design is centered on quiet delivery, durability and efficiency.



CHAMPION®

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Please recycle after use.