

5-30 HP FIXED SPEED ROTARY SCREW COMPRESSORS

D Series

Innovative, Integrated Design

D Series compressors feature innovative, integrated airend designs that reduce connection points, enhance reliability, and promote superior serviceability. The simplified, reduced-component approach extends beyond the airend 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, its 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 64 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
- Dry Tank Air Receiver
- Refrigerated Air Dryer & 1 Micron Pre-filter
- Two separate electrical connections (compressor & dryer)
- Pressure gauge
- 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-D30 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR	SCFM		DRIVE CONFIG.	MOTOR RPM	MOUNT	TANK SIZE	DIMENSIONS L × W × H	WEIGHT	SOUND	CONTROLLER	VOLTAGE 60 HZ				
	HP	120 PSI	145 PSI				GAL	INCHES	LBS.	DBA		SINGLE PHASE	THREE PHASE			
D5	5	N/A	16	BELT	1740	AS	60 GAL	52 × 23 × 44	505	65	CSC15	230	N/A			
D6		N/A	18			BASE	N/A	34 × 21 × 25	378	65	CSC50	230	200/230 /460			
D7.5	7.5	N/A	27			AS	80 GAL	66 × 21 × 46	665	63						
						BASE	N/A	34 × 21 × 25	404	68						
D10	10	N/A	39		1760	AS	80 GAL	66 × 21 × 46	715	66	CSC300	N/A				
						BASE	N/A	41 × 27 × 37	560	65						
D15	15	N/A	57		3450	AS	120 GAL	77 × 27 × 63	970	69						
						BASE	N/A	41 × 27 × 37	600	69		N/A				
D20	20	87	83		3510	AS	120 GAL	77 × 27 × 63	1175	69				N/A		
						BASE	N/A	52 × 28 × 47	1010	67						
D25	25	100	91			AS	120 GAL	80 × 28 × 74	1480	68		N/A				
						BASE	N/A	52 × 28 × 47	1010	68						
D30	30	116	106			AS	120 GAL	80 × 28 × 74	1480	68				N/A		
						BASE	N/A	52 × 28 × 47	1050	69						
								AS	120 GAL	80 × 28 × 74		1520			69	

NOTES: Air System includes Air Receiver, Pre-Filter & Refrigerated Air Dryer
AS = Air System

1 Refrigerated Air Dryer

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

2 Dry Tank Air Receiver

A unique configuration delivering clean, dry compressed air to the receiver by treating it first with a 1 micron pre-filter and air dryer. This ensures the tank is virtually dry, achieving an unprecedented level in the abatement of corrosion and maximizing the capacity of the tank for its intended use - to store and provide continuously cool, clean and dry air.

3 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

4 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.



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