





CPVSd Series 10 - 20 hp / 7.5 - 15 kW and 30 - 50 hp / 22 - 37 kW direct driven



Optimize your energy consumption

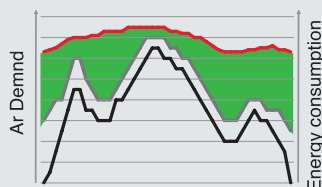
Introducing direct driven transmission in its variable speed range of compressors, Chicago Pneumatic sets a new mile stone in compressed air. The new design, fully dedicated to variable speed applications, grants a maximum of energy saving, very high flexibility, and very low ownership costs.

Thanks to the air receiver, the integrated dryer and the quality air devices available, you can complete your installation in a very compact and cost competitive way. A wide range of options make these machines easy to customise and are tailored to meet each customer's needs.

Technical Data	Free Air Delivery l/min (cfm) 					Dimensions L x W x H , mm			
Type	min @7bar	max @7bar	hp	kW	Bar	dB(A)	Base unit	With dryer	On vessel
CPVSd 10	272 (10)	1225 (43)	10	7.5	5.5-12.5	62	995 x 655 x 1045	1415 x 655 x 1045	1535 x 655 x 1535 (270 L)
CPVSd 15	265 (9)	1823 (64)	15	11	5.5-12.5	64	995 x 655 x 1045	1415 x 655 x 1045	1535 x 655 x 1535 (270 L)
CPVSd 21	780 (27)	2911(103)	20	15	5.5-12.5	68	1200 x 835 x 1220	1350 x 835 x 1220	1950 x 835 x 1835 (500 L)
CPVSd 29	780 (27)	3920 (140)	30	22	5.5-12.5	71	1200 x 835 x 1220	1350 x 835 x 1220	1950 x 835 x 1835 (500 L)
CPVSd 40	1000 (35)	5450 (192)	40	30	5.5-12.5	70	1330 x 830 1555	N/A	N/A
CPVSd 50	1067 (38)	6000 (212)	50	37	5.5-12.5	71	1330 x 830 1555	N/A	N/A



Direct drive for outstanding efficiency: 35% Energy savings



- 12% investment
- 3% installation
- 8% Service
- 77% Energy consumption
- Air demand
- Variable frequency driven costs
- Load Unload costs
- Savings

The direct driven transmission combined with the high frequency motor result in a very wide turn down and very low specific energy requirement at each speed.

The new generation of air ends with very strict tolerances grant outstanding volumetric efficiency resulting in a very low energy.



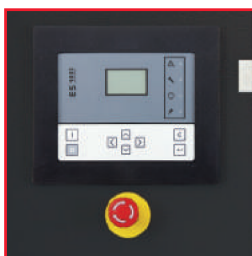
Low noise levels

Both the new elements (direct coupled) combined with the deep sound insulation results in a very low sound level.



Easy and fast maintenance

Fast and easy serviceability, all the service components placed close to front panel.



ES4000

A unique control unit, specially programmed for energy saving. ES4000 advanced as option.



Energy saving

New generation of elements combined with new converters and highly efficient transmissions result in high flexibility.



Quality air package

CPVSd is available with dryer, water separator drain and post filter for improved quality air.