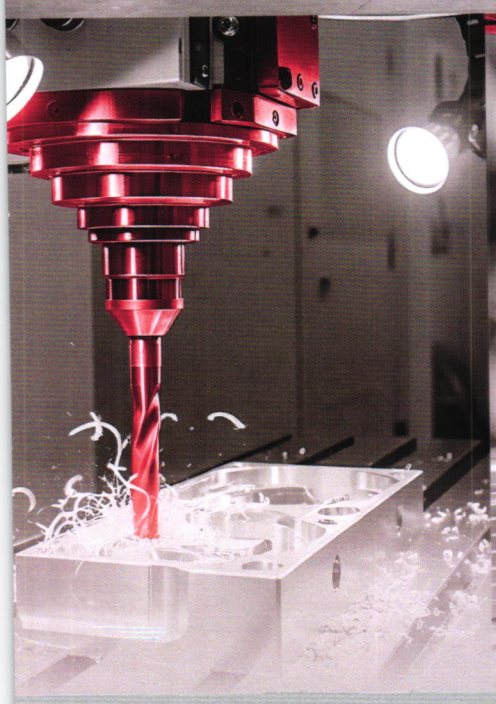
CPVR 15 - 20

Silent and Reliable









People. Passion. Performance.

Chicago Pneumatic

Designed for Real-World Demand Fluctuations

The CPVR15-20 TMD is built for applications with varying air demand, delivering maximum efficiency even under intermittent load conditions. Its advanced Variable Speed Drive (VSD) technology automatically adjusts compressor output to match consumption, preventing condensation issues commonly associated with fixed-speed compressors operating at low loads.

- Optimized for fluctuating demand profiles
- Prevents internal condensation during part-load operation
- Reduces energy consumption by matching output to actual air requirements
- Integrated plug-and-play design for fast installation
- Low-noise acoustic enclosure for shop-floor operation
- Easy-access service layout for reduced maintenance time and increased uptime

The result is a reliable, energy-efficient compressed air solution that combines performance, convenience, and long-term operating savings.

Key Features

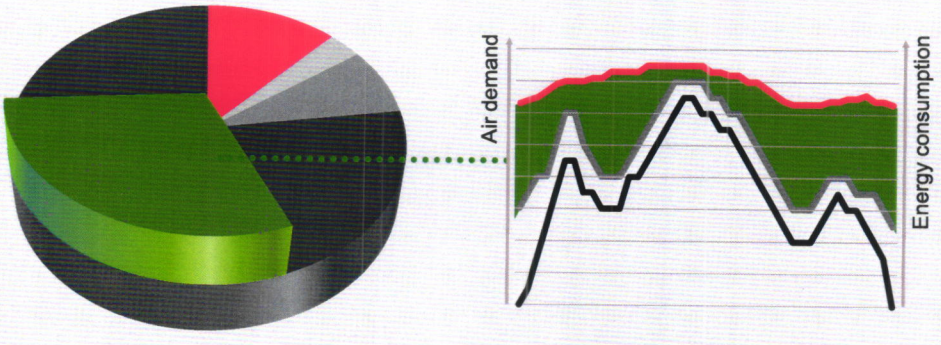
- Touch controller with RS485 communication and Remote start / stop and emergency stop
- VSD Designed to work in harsh environments with Built in Protection
- Integrated Air receiver



- Refrigerant dryer for dry air to your application
- Minimalistic design for easy serviceability
- Low vibration and low Noise
- IE5 Oil cooled PM Motor
- Direct Drive with New Generation Element

Save energy up to 35% with CPVR TMD machines replacing Fixed Speed machine:

- Lowering the pressure band
- IE5 efficiency oil cooled iPM motor
- Inverter designed for fluctuating loads



Technical Data

Model	Motor (kW)	Working Pressure (barg)	Capacity FAD L/S	Capacity FAD CFM	dB(A)+/- 3	Weight (kg)	Dimensions LxWxH (mm)
CPVR15	11	8	32	68	69	319	1545 x 763 x 1584
		10	25	53			
CPVR20	15	8	38.7	82	69	319	1545 x 763 x 1584
		10	31.7	67			

Performance as per ISO 1217 Ed. 4 2009, tolerances thereof.
Mean sound level measured as per ISO2151 at free field conditions and 1m distance.

@Chicago Pneumatic. Subject to technical modifications.

Aug 2026/CPVR 15 -20

Chicago Pneumatic Compressors, India

Your lifetime partner for total compressed air and gas solution

Design Manufacturing, Sales and Service of Air Compressors, Air Dryers and Air Filters

ISO 9001 . ISO 14001
OHSAS 18001
Forms an integral part of each business process of Chicago Pneumatic Compressors

TRINITY Tradex Pvt. Ltd.
10/8 , Siddhinath Chatterjee Road ,
Kolkata – 700034.
Mbl. No. : 9830895403
E-mail: deb@trinitytradex.com