



COLTRI MCH11-MCH23 MARK 3 TROPICAL COMPRESSORS

The Coltri Mark 3 TPS (Tropical Plus Superdry) series is designed perform in warm, humid, and poorly ventilated areas. Available in five pump sizes, these compressors deliver 7–13.4 CFM FAD (195–380 L/min) at 5000 psi (345 bar). Standard features include automatic condensate drains, hyperfiltration, control panel with hour meter, interstage pressure gauges, phase controller, and warnings for high temperature and low oil. Includes two filling hoses and connections.

FEATURES

- Conveniently Located Main Control Panel
 - Emergency stop button
 - Hour meter
 - Interstage pressure gauges
 - Low oil alert
 - High temperature warning
 - Final pressure gauge 0~5800 psi (400 bar)
- Pressure Maintaining Valve
- Dial-a-Pressure final pressure switch
- Automatic Condensate Drain and collector
- Cabin Temperature Thermostat auto shutoff
- Phase Controller prohibits reverse rotation
- Oil Level Switch auto shutoff
- Oil Pump
- External Oil Level Sight Glass indicator with oil drain
- Double Hyperfilter Filtration tri-chem breathing air purification system
- Two (2) Filling Hoses 47 in (120 cm) length
- Two (2) Filling Connections (DIN 232, DIN 300, or INT/Yoke 3365 psi/232 bar)
- Durable Powder Coated Compact Cabinet for quiet and stationary operation
- Magentic Starter with thermal overload protection
- One year warranty



OPTIONS

- O₂, CO₂, CO or moisture analyzer
- CAN-35 filtration upgrade
- OCA filtration

SPECIFICATIONS

Model	MCH11 MARK 3 TPS	MCH13 MARK 3 TPS	MCH16 MARK 3 TPS	MCH21 MARK 3 TPS	MCH23 MARK 3 TPS
Fill Time*	~9.6 minutes	~8 minutes	~6 minutes	~5.5 minutes	~5 minutes
Charging Rate*	6.9 SCFM (195 L/min)	8.3 SCFM (235 L/min)	11.1 SCFM (314 L/min)	12.2 SCFM (345 L/min)	16.1 SCFM (380 L/min)
CFM FAD	5.8 (164 L/min)	7 (235 L/min)	314 (263 L/min)	13.4 (380 L/min)	11.1 (314 L/min)
Motor	Single Phase	Single and Three Phase	Single and Three Phase	Three Phase	Three Phase
208-230V / E1 / 50Hz		SKU 8029.5-11-TPS			
208-230V / E1 / 60Hz	SKU 8029.1-11-TPS		SKU 8029.1-16-TPS		
208-230V / E3 / 50Hz		SKU 8029.5-13-TPS	SKU 8029.5-16-TPS	SKU 8029.5-21-TPS	SKU 8029.5-23-TPS
208-230V / E3 / 60Hz		SKU 8029.2-13-TPS	SKU 8029.2-16-TPS	SKU 8029.2-21-TPS	SKU 8029.2-23-TPS
380-415V / E3 / 50Hz		SKU 8029.6-13-TPS	SKU 8029.6-16-TPS	SKU 8029.6-21-TPS	SKU 8029.6-23-TPS
440-480V / E3 / 60Hz		SKU 8029.3-13-TPS	SKU 8029.3-16-TPS	SKU 8029.3-21-TPS	SKU 8029.3-23-TPS
Working Pressure	3365-4786 psi (232-330 bar)	3365-4786 psi (232-330 bar)	3365-4786 psi (232-330 bar)	3365-4786 psi (232-330 bar)	3365-4786 psi (232-330 bar)
Motor Power	5.5 hp (4 kW)	5.5 hp (4 kW)	7.5 hp (5.5 kW)	10 hp (7.5 kW)	10 hp (7.5 kW)
Maximum Operating Pressure	5000 psi (345 bar)	5000 psi (345 bar)	5000 psi (345 bar)	5000 psi (345 bar)	5000 psi (345 bar)
Sound Level @ 3 Meters	75 dB	75 dB	76 dB	76 dB	76 dB
Dimensions	28.35 × 42.52 × 35.83 in	28.35 × 42.52 × 35.83 in	28.35 × 42.52 × 35.83 in	28.35 × 42.52 × 35.83 in	28.35 × 42.52 × 35.83 in
(L x W x H)	(72 × 108 × 91 cm)	(72 × 108 × 91 cm)	(72 × 108 × 91 cm)	(72 × 108 × 91 cm)	(72 × 108 × 91 cm)
Weight	399 lb (181 kg)	399 lb (181 kg)	421 lb (191 kg)	421 lb (191 kg)	421 lb (191 kg)

*Based on 80 cu ft cylinder from 500 to 3000 psi.