

Coltri MCH13-MCH23 MARK 3 TPS Compressors

SKU: MARK 3 TPS SERIES

Price: ?0.00



Description

The Coltri MARK 3 TPS (Tropical Plus Superdry) series is a line of uncompromised breathable air compressors for intensive use in warm, poorly ventilated, or tropical environments. Designed with an improved cooling system and a filtering system with two hyperfilters, this series is powered by a three-phase electric motor, equipped with five different pumping units (MCH13, MCH16, MCH21, and MCH23), all in TPS (Tropical Plus Superdry) versions, and available with operation monitoring system and electrical display to automatically shutdown the compressor. With one of the best frames on the market, four bolts removes the front or back panel for easy access to the flywheel and compressor.

Standard 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
- Magnetic Starter with thermal overload protection
- One year warranty

Options

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

Specifications

Model	MCH13 MARK 3 TPS	MCH16 MARK 3 TPS	MCH21 MARK 3 TPS	MCH23 MARK 3 TPS
Fill Time*	~8 minutes	~6 minutes	~5.5 minutes	~5 minutes
Charging Rate*	8.3 SCFM (235 L/min)	13.3 SCFM (377 L/min)	14.6 SCFM (413 L/min)	16.1 SCFM (456 L/min)
CFM FAD	7 (198 L/min)	11.1 (314 L/min)	12.2 (345 L/min)	13.4 (379 L/min)
Motor	Single and Three Phase	Single and Three Phase	Three Phase	Three Phase
RPM	1270	1600	1240	1400
208-230V / E1 / 50Hz	• SKU 8029.5-11-TPS •		•	•
208-230V / E1 / 60Hz	•	• 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)
Motor Power	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)
Sound Level @ 3 Meters	75 dB	76 dB	76 dB	76 dB

Dimensions (L x W x H)	28.35 × 42.52 × 35.83 in (72 × 108 × 91 cm)	28.35 × 42.52 × 35.83 in (72 × 108 × 91 cm)	28.35 × 42.52 × 35.83 in (72 × 108 × 91 cm)	28.35 × 42.52 × 35.83 in (72 × 108 × 91 cm)
Weight	399 lb (181 kg)	421 lb (191 kg)	421 lb (191 kg)	421 lb (191 kg)

*Fill time based on 80 cu ft cylinder from 500 to 3000 psi.