

MCH22 / MCH30 / MCH36 / MCH45 Open Vertical Compressor

SKU: 8042 / 8044 / 8051 / 8055

Price: ?0.00



Description

Features

- Open configuration for easy access and cool running
- Operation panel with the following functions:
 - Start/stop button
 - Dial-a-Pressure automatic shutdown
 - Condensate test button
 - High temperature display
 - Automatic shutdown for high temperature and low oil
 - Phase control (proper rotation) recognition
 - Wrong voltage recognition
 - Hour meter
 - Stage and oil pressure gauges
- Low pressure oil pump, filter and oil level sight gauge
- Large stainless steel interstage cooling tubes with large condensate separators
- Dual filter filtration 60,000 cu ft
- 6000 psi (414 bar) maximum pressure
- Grade E breathing air filtration
- Interstage pressure gauges
- Four (4) fill whips
- Electric motor
- Stainless steel intercoolers

Options

- Visual carbon monoxide (CO) and moisture indicator
- Audible and visual CO and high temperature alarm with shutdown
- Can be upgraded to any size of filtration
- Nuvair Pro CO (carbon monoxide) analyzer
- Nuvair Pro H₂O (moisture) monitor
- 7000 psi (482 bar) upgrade

Specifications

Model	MCH22	MCH30	MCH36	MCH45
Fill Time*	~5 minutes	~4 minutes	~3 minutes	~2.5 minutes
Charging Rate*	15.8 SCFM (447 L/min)	20.4 SCFM (577 L/min)	27 SCFM (764 L/min)	32 SCFM (906 L/min)
CFM FAD	13.2 CFM (374 L/min)	17 CFM (481 L/min)	22.5 CFM (637 L/min)	26.5 CFM (750 L/min)
Motor	Single and three-phase electric	Three-phase electric	Three-phase electric	Three-phase electric
208-230 V / E1 / 60 Hz	46A 10 hp (7.5 kW) SKU 8051.1**		N/A	
208-230 V / E3 / 60 Hz	28A 10 hp (7.5 kW) SKU 8051.2**	31A 15 hp (11 kW) SKU 8042.2**	48A 20 hp (15 kW) SKU 8044.2**	53.7A 24 hp (18 kW) SKU 8055.2**
380-415 V / E3 / 50 Hz	17A 10 hp (7.5 kW) SKU 8051.6	18A 15 hp (11 kW) SKU 8042.6	29A 20 hp (15 kW) SKU 8044.6	31A 24 hp (18 kW) SKU 8055.3
440-480 V / E3 / 60 Hz	17A 10 hp (7.5 kW) SKU 8051.3**	16A 15 hp (11 kW) SKU 8042.3**	25A 20 hp (15 kW) SKU 8044.3**	28.5A 24 hp (18 kW) SKU 8055.6**
Compressor RPM	880-952	1100	1350	1450
Maximum Operating Pressure		6000 psi (414 bar)		
Number of Stages		4		
Number of Fill Hoses		4		
Condensate Drain		Automatic		
Sound Level	78 LpA Measured (dB)	83 LpA Measured (dB)	76 LpA Measured (dB)	76 LpA Measured (dB)
Dimensions (L × W × H)	31 × 39 × 61 in	31.25 × 41.5 × 61 in	31 × 39 × 61 in	31.9 × 49 × 69 in
Weight	796 lb (361 kg)	900 lb (408 kg)	900 lb (408 kg)	1260 lb (572 kg)
Lubrication		Pressure lubrication, Capacity 4 L		
Air Quality		DIN 3188 - CGA Grade E - NFPA 1500 - EN12021		

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

**Contact a salesperson for information on 50 Hz compressors not listed.