

MCH22 / MCH30 / MCH36 / MCH45 Enclosed & Silenced Vertical Compressor

SKU: 8043 / 8045 / 8052 / 8056

Price: ?0.00



Description

Features

- Enclosed configuration for reduced sound levels
- Operation panel includes the following:
 - 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
- High temperature alarm with shutdown
- Filtration upgrade to 90,000 cu ft
- Nuvair Pro CO (carbon monoxide) analyzer
- Nuvair Pro H₂O (moisture) monitor
- 7000 psi (482 bar) upgrade
- Refrigerated air dryer (as illustrated)

Specifications

Model	MCH22	MCH30	MCH36	MCH45
Fill Time**	~5 minutes	~4 minutes	~3 minutes	~2.5 minutes
Charging Rate**	15.8 SCFM (320 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 & 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 8052.1	N/A	N/A	N/A
208-230 V / E3 / 60 Hz	28A 10 hp (7.5 kW) SKU 8052.2*	31A 15 hp (11 kW) SKU 8043.2*	48A 20 hp (15 kW) SKU 8045.2*	53.7A 24 hp (18 kW) SKU 8056.2*
380-415 V / E3 / 50 Hz	17A 10 hp (7.5 kW) SKU 8052.6	18A 15 hp (11 kW) SKU 8043.6	29A 20 hp (15 kW) SKU 8045.6*	31A 24 hp (18 kW) SKU 8056.6
440-480 V / E3 / 60 Hz	17A 10 hp (7.5 kW) SKU 8052.3*	16A 15 hp (11 kW) SKU 8043.3*	25A 20 hp (15 kW) SKU 8045.3*	28.5A 24 hp (18 kW) SKU 8056.3*
Compressor RPM	1050	1250	1250	1420
Maximum Operating Pressure		6000 psi (414 bar)		
Number of Stages		4		
Number of Fill Hoses		4		
Condensate Drain		Automatic		
Sound Level		70 LpA Measured (dB)		
Dimensions (L x W x H)		31.9 × 49 × 69 in (81 × 124 × 175 cm)		
Weight	926 lb (420 kg)	1126 lb (511 kg)	1210 lb (549 kg)	1210 lb (549 kg)
Lubrication		Pressure lubrication, capacity 4 L		
Air Quality		DIN 3188 - CGA Grade E - NFPA 1500 - EN12021		

*Part number reflects 60 Hz models. Call to learn about our 50 Hz models.

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