

# MCH22–MCH45 Vertical Silent Touch Compressor

**SKU:** 8043-PLC / 8045-PLC / 8052-PLC / 8056-PLC

**Price:** ?0.00



## Description

## Features

- Enclosed Configuration for Reduced Sound Levels
- Nuvair customized Human Machine Interface (HMI) Touchscreen Control Dashboard
- Dashboard Controls Include:
  - Start/Stop Buttons
  - Pressure Setpoint
  - Condensate Test Purge
  - Final Pressure Setting
  - Alarm History
  - Service Hours
  - Gauge Display
- Independent Digital Cabinet Temperature Indicator
- 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
- Analog Interstage Pressure Gauges
- Four (4) Fill Whips with Choice of Connections
- Electric Motor
- Stainless Steel Intercoolers

## Options

- Visual Carbon Monoxide (CO) and Moisture Indicator
- Nuvair Pro CO (carbon monoxide) Analyzer
- Nuvair Pro H<sub>2</sub>O (moisture) Monitor
- Filtration Upgrade to 90,000 cu ft
- 7000 psi (482 bar) Upgrade
- Refrigerated Air Dryer

## Specifications

Model	MCH22 Silent Touch	MCH30 Silent Touch	MCH36 Silent Touch	MCH45 Silent Touch
<b>Fill Time**</b>	~5 minutes	~4 minutes	~3 minutes	~2.5 minutes
<b>Charging Rate**</b>	15.8 SCFM (320 L/min)	20.4 SCFM (577 L/min)	27 SCFM (764 L/min)	32 SCFM (906 L/min)
<b>CFM FAD</b>	13.2 CFM (374 L/min)	17 CFM (481 L/min)	22.5 CFM (637 L/min)	26.5 CFM (750 L/min)
<b>Motor</b>	Single & three-phase electric	Three-phase electric	Three-phase electric	Three-phase electric
<b>208-230 V / E1 / 60 Hz</b>	46A 10 hp (7.5 kW) <b>SKU 8052.1-PLC</b>	N/A	N/A	N/A
<b>208-230 V / E3 / 60 Hz</b>	28A 10 hp (7.5 kW) <b>SKU 8052.2-PLC*</b>	31A 15 hp (11 kW) <b>SKU 8043.2-PLC*</b>	48A 20 hp (15 kW) <b>SKU 8045.2-PLC*</b>	53.7A 24 hp (18 kW) <b>SKU 8056.2-PLC*</b>
<b>380-415 V / E3 / 50 Hz</b>	17A 10 hp (7.5 kW) <b>SKU 8052.6-PLC</b>	18A 15 hp (11 kW) <b>SKU 8043.6-PLC</b>	29A 20 hp (15 kW) <b>SKU 8045.6-PLC*</b>	31A 24 hp (18 kW) <b>SKU 8056.6-PLC</b>
<b>440-480 V / E3 / 60 Hz</b>	17A 10 hp (7.5 kW) <b>SKU 8052.3-PLC*</b>	16A 15 hp (11 kW) <b>SKU 8043.3-PLC*</b>	25A 20 hp (15 kW) <b>SKU 8045.3-PLC*</b>	28.5A 24 hp (18 kW) <b>SKU 8056.3-PLC*</b>
<b>Compressor RPM</b>	1050	1250	1250	1420
<b>Maximum Operating Pressure</b>		6000 psi (414 bar)		
<b>Number of Stages</b>		4		
<b>Number of Fill Hoses</b>		4		
<b>Condensate Drain</b>		Automatic		
<b>Sound Level</b>		70 LpA Measured (dB)		
<b>Dimensions (L x W x H)</b>		31.9 × 49 × 69 in (81 × 124 × 175 cm)		
<b>Weight</b>	926 lb (420 kg)	1126 lb (511 kg)	1210 lb (549 kg)	1210 lb (549 kg)
<b>Lubrication</b>		Pressure lubrication, capacity 4 L		
<b>Air Quality</b>		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.