

# MCH22 / MCH30 / MCH36 Water Cooled Compressor

SKU: 8046-WC / 8053-WC / 8054-WC

Price: ?0.00



## Description

## Features

- Rugged 6000 psi (414 bar) 4-stage block
- Vertically mounted compressor and motor offers smaller footprint and easier belt tension adjustment
- 3 x condensate separators
- Automatic fill pressure stop
- Automatic drains
- Cooling after every stage
- Cools each stage to within 10°F ( $\pm 5^{\circ}\text{C}$ ) of water temperature
- Marine grade heat exchangers
- Zinc anodes to increase life
- Water flow shutdown switch
- High water temperature shutdown switch
- Pressure lubricated oil pump with filter, oil sight gauge and oil pressure gauge
- NEMA 4X motor control box with soft start or Star Delta start
- Inter-stage pressure gauges
- Stainless steel tubing
- Low oil shutdown switch

## Options

- Upgraded high purity final filtration

- Compressor frame choices
  - Stainless steel
  - Powder coated steel
  - Marine marine grade aluminum
- PLC controller
- 3/4 in flow switch inline paddle type 7-20 L/min (SKU IWDB20)
- 1 in flow switch inline paddle type 8-50 L/min (SKU IWDB25)

## Specifications

Model	MCH22	MCH30	MCH36
<b>Motor</b>	Single and three-phase electric	Three-phase electric	Three-phase electric
<b>Charging Rate*</b>	15.8 SCFM (447 L/min)	20.4 SCFM (577 L/min)	27 SCFM (764 L/min)
<b>Fill Time*</b>	5 min	4 min	3 min
<b>CFM FAD</b>	13.2 CFM (374 L/min)	17 CFM (481 L/min)	22.5 CFM (637 L/min)
<b>Power</b>	10 hp (7.5 kW)	15 hp (11 kW)	20 hp (15 kW)
<b>208-230 V / E1 / 60 Hz</b>	46 A <b>SKU 8046.1-WC</b>	N/A	N/A
<b>208-230 V / E3 / 60 Hz**</b>	28 A <b>SKU 8046.2-WC</b>	31 A <b>SKU 8053.2-WC</b>	48 A <b>SKU 8054.2-WC</b>
<b>400 V / E3 / 50 Hz</b>	17 A <b>SKU 8046.6-WC</b>	18 A <b>SKU 8053.6-WC</b>	29 A <b>SKU 8054.6-WC</b>
<b>460 V / E3 / 60 Hz**</b>	17 A <b>SKU 8046.3-WC</b>	16 A <b>SKU 8053.3-WC</b>	25 A <b>SKU 8054.3-WC</b>
<b>Max Working Pressure</b>	6000 psi (414 bar)	6000 psi (414 bar)	6000 psi (414 bar)
<b>Dimensions (L x W x H)</b>	36 x 36 x 53.5 in (91 x 91 x 136 cm)	36 x 36 x 53.5 in (91 x 91 x 136 cm)	36 x 36 x 53.5 in (91 x 91 x 136 cm)
<b>Net Weight Approximate</b>	760 lb (345 kg)	760 lb (345 kg)	760 lb (345 kg)
<b>Noise Level</b>	78 dB	76 dB	76 dB
<b>RPM</b>	880	1100	1300

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

\*\*Contact a salesperson for information on 50 Hz models.