

MCH13 · MCH16 Water Cooled Compressor

SKU: 8019-WC / 8022-WC / 8022-HYD

Price: ?0.00



Description

All features of the standard MCH13 / MCH16 apply to this product, in addition to the features listed below.

Features

- Cools each stage to within 10°F of water temperature
- First stage copper/nickel heat exchanger
- Second and third stage stainless steel heat exchangers (water coolers)
- All heat exchangers/water coolers have zinc anodes to increase life
- Water flow shutdown switch
- High water temperature shutdown
- Rugged 5000 psi (345 bar) three-stage block
- Pressurized oil lubrication
- 3x condensate separators
- Stainless steel tubing
- Marine grade 6061 aluminum frame

Options

- PLC controller
- Motor control box
- External filtration system (industrial or breathing air quality)
- MCH16 hydraulic pump drive (SKU 8022-HYD)
- Pressure switch
 - 3/4" flow switch inline paddle type 7-20 L/min (SKU IWDB20)

- 1" flow switch inline paddle type 8-50 L/min (SKU IWDB25)
- Automatic drains (as shown in image)
- Interstage pressure gauges (as shown in image)
- Low oil shutdown switch
- Hour meter
- Visual CO/moisture indicator
- Stainless steel frame

Specifications

Model	MCH13 Electric	MCH16 Electric	MCH16 Hydraulic
Motor	Single- or three-phase electric	Single- or three-phase electric	Hydraulic
Fill Time*	~11 minutes	~9 minutes	~9 minutes
Charging Rate*	8.4 SCFM (238 L/min)	11.3 SCFM (320 L/min)	11.3 SCFM (320 L/min)
CFM FAD	7 CFM (200 L/min)	9.4 CFM (266 L/min)	9.4 CFM (266 L/min)
Power	5.5 hp (4 kW) Electric	7.5 hp (5.5 kW) Electric	Hydraulic SKU 8022-HYD
208-230V / E1 / 60 Hz	24A SKU 8019.1-WC	35A SKU 8022.1-WC	N/A
208-230V / E3 / 60 Hz	14A SKU 8019.2-WC	22A SKU 8022.2-WC	N/A
440-460V / E3 / 60 Hz	7A SKU 8019.3-WC	11A SKU 8022.3-WC	N/A
230V / E3 / 50 Hz	14A SKU 8019.5-WC	12A SKU 8022.5-WC	N/A
380-400V / E3 / 50 Hz	9A SKU 8019.6-WC	13A SKU 8022.6-WC	N/A
Max Working Pressure		5000 psi (345 bar)	
Dimensions (L × W × H)		45 × 21 × 31 in (114 × 53.3 × 78.7 cm)	
Weight		297 lb (134.7 kg)	

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