

The Smart Electric uses a pumping unit that is made from top quality materials, connecting rods from aluminum alloy, stainless steel intercoolers and aftercoolers that are more than four meters in length, and cylinders of special cast iron. The electric motor uses an aluminum housing to keep weight to a minimum, making the compressor very compact.

FEATURES

- 5000 psi max pressure
- Grade E filtration
- (2) Fill whips
- Electric motor
- Stainless steel intercoolers

OPTIONS

- Motor starter with hour meter
- Automatic condensate drains
- Pressure switch
- High temp shutdown
- Low oil shutdown
- Interstage pressure gauges
- Stainless steel frame
- Visual CO / moisture indicator



SPECIFICATIONS

	MCH8	MCH11	MCH13	MCH16
Fill Time*	~19 minutes	~14 minutes	~11 minutes	~9 minutes
Charging Rate*	5.3 SCFM (141 L/min)	6.8 SCFM (200 L/min)	8.4 SCFM (238 L/min)	11.3 SCFM (320 L/min)
CFM FAD	4.2 CFM (119 L/min)	5.6 CFM (159 L/min)	7 CFM (200 L/min)	9.4 CFM (266 L/min)
Motor Options	Single-phase	Single-phase	Single or three-phase	Single or three-phase
230 V / E1 / 60 Hz**	24A SKU 8018.1-EF	26A SKU 8017.1-EF	N/A	35A SKU 8022.1-EF
230 V / E1 / 50 Hz**	24A SKU 8018.4-EF	26A SKU 8018.4-EF	N/A	N/A
208-230 V / E3 / 60 Hz**	N/A	N/A	14A SKU 8019.2-EF	22A SKU 8022.2-EF
380-415 V / E3 / 50 Hz	N/A	N/A	8A SKU 8019.6-EF	14A SKU 8022.6-EF
440-480 V / E3 / 60 Hz	N/A	N/A	8A SKU 8019.3-EF	14A SKU 8022.3-EF
Driven By	4 hp (3 kW)	5 hp (4 kW)	5.5 hp (4 kW)	7.5 hp (5.5 kW)
Max Operating Pressure	5000 psi (345 bar)	5000 psi (345 bar)	5000 psi (345 bar)	5000 psi (345 bar)
Number of Stages	3	3	3	3
Number of Fill Hoses	2	2	2	2
Condensate Drain	Manual	Manual	Manual	Manual
Sound Level @ 3 Meters	81 dB	81 dB	81 dB	81 dB
Weight	205 lb (93 kg)	220 lb (100 kg)	210 lb (95 kg)	232 lb (105 kg)
Dimensions (L x W x H)	40 x 19 x 28 in (100 x 46 x 70 cm)			
Lubrication	Splash lubrication, capacity 1.8 L			
Air Quality	DIN 3188 – CGA Grade E – NFPA 1500 – EN12021			

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

**Part number reflects 60 Hz model; inquire about 50 Hz model. Tropical Plus block available in Nuvair frame.