



# COLTRI / NUVAIR STANDARD ELECTRIC COMPRESSOR

The Nuvair Standard 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*               | Approx 19 min                                | Approx 14 min         | Approx 11 min                  | Approx 9 min          |
| 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 (200 L/min)   | 7 CFM (200 L/min)              | 9.4 CFM (266 L/min)   |
| Motor Options            | Single phase electric                        | Single phase electric | Single or three-phase electric | Three-phase electric  |
| 208-230 V / E1 / 60 Hz** | 24 amps SKU: 8018.1                          | 26 amps SKU: 8017.1   | 26 amps SKU: 8020.1            | 34 amps SKU: 8022.1   |
| 208-230 V / E3 / 60 Hz** | 25 amps SKU: 8018.2                          | 26 amps SKU: 8017.2   | 14 amps SKU: 8019.2            | 20 amps SKU: 8022.2   |
| 380-415 V / E3 / 50 Hz   | N/A  | N/A                   | 10 amps SKU: 8019.6            | 15 amps SKU: 8022.6   |
| 440-480 V / E3 / 60 Hz   | N/A  | N/A                   | 7 amps SKU: 8019.3             | 13 amps SKU: 8022.3   |
| 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)    |
| RPM                      | 1450   | 1200                  | 1300                           | 1450                  |
| 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                          | 82 dB                 |
| Dimensions (L x W x H)   | 33 x 19 x 32 in (84 x 48 x 81 cm)            |                       |                                |                       |
| Weight                   | 220 lbs (100 kg)                             |                       |                                |                       |
| 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.