

AIR COMPRESSORS

# M Series Two Stage Electric

## 80 & 120-Gallon

**MOTA Industrial Services, LLC**

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*The ultimate in air compressors, the M Series comes complete with all available options to meet the most demanding industrial air needs, including machine shops, automotive repair facilities and general industrial applications.*

***These standard features are what sets the M Series air compressors apart from our standard line-up.***



NEMA-4 starter box with magnetic motor starter for thermal overload protection



Hour meter displays the number of hours compressor has been in operation



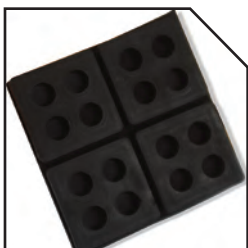
Air-cooled aftercooler removes up to 65% of moisture and drops temperature within 10°F of ambient



Low oil sensor does not allow unit to start when oil levels fall below an adequate level



Tank drain automatically drains liquid from air receiver



Vibration isolator pads protect the tank from stress



ACS-23105-80VM

# Two Stage Electric M Series

## 80 & 120-Gallon

### Compressor Pump

- Quality cast iron two stage compressor with venting system for reduced crankcase temperature and pressure
- Splash lubricated cast iron crankcase to extend the hours of performance
- Cast iron head and cylinder for extended durability
- Stainless-steel braided discharge hose
- Oil level sight indicator

### Motor

- Low RPM industrial motor

### Frame

- Powder coated ASME coded 80 or 120-gallon receiver tank
- 3/16-inch base plate to reduce vibration
- Totally enclosed heavy-duty belt guard
- Fly wheel for extra cooling and longer life

### Components

- ASME safety valves
- Pressure gauge
- Belt tightening system pulls motor straight to ensure constant belt alignment
- Intake filter/silencer
- Tank shut-off valve

### Warranties

**1 YEAR LIMITED**  
ELECTRIC MOTOR WARRANTY

**2 YEAR LIMITED**  
PUMP EXCHANGE WARRANTY  
See page 55 for more information



ACS-23105-80HM



AES-23315-120HM

### 80-GALLON HORIZONTAL MODELS

Model Number	CFM @ PSI	HP/Motor	Dimensions (LxWxH)	Bolt Down (LxW)	Ship Wt.	Net Wt.
ACS-23105-80HM	18.0 @ 175	5.0 HP, 230V, 1Ø, 23.0A	52in.x26.5in.x53in.	20.75in.x23.5in.	615 lbs.	544 lbs.
ACS-23175-80HM	23.2 @ 175	7.5 HP, 230V, 1Ø, 31.0A	52in.x26.5in.x53in.	20.75in.x23.5in.	780 lbs.	709 lbs.

### 80-GALLON VERTICAL MODELS

Model Number	CFM @ PSI	HP/Motor	Dimensions (LxWxH)	Bolt Down (LxW)	Ship Wt.	Net Wt.
ACS-23105-80VM	18.0 @ 175	5.0 HP, 230V, 1Ø, 23.0A	33in.x25in.x73in.	15.63in.x15.63in.	695 lbs.	544 lbs.
ACS-23175-80VM	23.2 @ 175	7.5 HP, 230V, 1Ø, 31.0A	33in.x25in.x73in.	15.63in.x15.63in.	780 lbs.	709 lbs.

### 120-GALLON HORIZONTAL MODELS

Model Number	CFM @ PSI	HP/Motor	Dimensions (LxWxH)	Bolt Down (LxW)	Ship Wt.	Net Wt.
ADS-23110-120HM	34.2 @ 175	10.0 HP, 230V, 1Ø, 39.0A	74in.x26.5in.x58in.	34.5in.x23.5in.	890 lbs.	811 lbs.
AES-23315-120HM	46.5 @ 175	15.0 HP, 230V, 3Ø, 38.0A	74in.x26.5in.x58in.	34.5in.x23.5in.	935 lbs.	856 lbs.

Consult factory for more M Series air compressor models and voltages available.