

M Series

Two Stage – Electric – 80 and 120-Gallon – Simplex and Duplex

Compressor Pump:

Splash lubricated ■ Stainless-steel braided discharge hose ■
Large canister intake filter ■ Oil level sight indicator

Motor:

Industrial low RPM motor ■ Magnetic start for thermal overload protection

Frame:

Powder coated ASME coded 80 or 120-gallon receiver tank ■
3/8-inch base plate to reduce vibration ■ Totally enclosed powder coated belt guard

Components:

ASME safety valves ■ Tank pressure gauge ■ Hour meter ■
Large fly wheel ■ Intake filter/silencer ■ Tank shut-off valve ■
3 position switch - compressor 1 (lead motor pump), automatic alternating and compressor 2 (lead motor pump) (Duplex models)

Limited Warranties:

1 year electric motor ■ 2 year pump exchange (see page 77 for more information)

Certification:

ASME Boiler and Pressure Vessel Code - U

Loaded with an abundance of features that come standard, the M Series air compressors are a great solution for the most demanding industrial applications. Available in many motor configurations and with either vertical or horizontal tank options.



ADS-23110-120HM

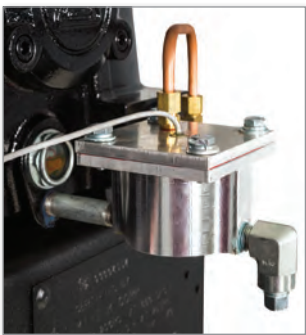
M Series

Standard Features

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



Air-cooled after cooler 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 the air receiver



Vibration isolator pads protect the tank from stress



ACS-23105-80VM

M Series

Two Stage – Electric – 80 and 120-Gallon – Simplex and Duplex

SIMPLEX HORIZONTAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	COMPRESSOR	TANK SIZE	DIMENSIONS (LxWxH)	BOLT DOWN (LxW)	SHIP WT.	NET WT.
ACS-23105-80HM	18.0 @ 175	5.0 HP, 230V, 1Ø, 23.0A	860	Two stage, cast iron	80-gallon	52x26.5x53in.	20.75x23.5in.	615 lb.	544 lb.
ACS-20305-80HM	18.0 @ 175	5.0 HP, 200V, 3Ø, 16.1A	860	Two stage, cast iron	80-gallon	52x26.5x53in.	20.75x23.5in.	615 lb.	544 lb.
ACS-23305-80HM	18.0 @ 175	5.0 HP, 230V, 3Ø, 13.8A	860	Two stage, cast iron	80-gallon	52x26.5x53in.	20.75x23.5in.	615 lb.	544 lb.
ACS-46305-80HM	18.0 @ 175	5.0 HP, 460V, 3Ø, 6.9A	860	Two stage, cast iron	80-gallon	52x26.5x53in.	20.75x23.5in.	615 lb.	544 lb.
ACS-23175-80HM	23.5 @ 175	7.5 HP, 230V, 1Ø, 31.0A	1250	Two stage, cast iron	80-gallon	52x26.5x53in.	20.75x23.5in.	780 lb.	709 lb.
ACS-20375-80HM	23.5 @ 175	7.5 HP, 200V, 3Ø, 23.0A	1250	Two stage, cast iron	80-gallon	52x26.5x53in.	20.75x23.5in.	780 lb.	709 lb.
ACS-23375-80HM	23.5 @ 175	7.5 HP, 230V, 3Ø, 20.0A	1250	Two stage, cast iron	80-gallon	52x26.5x53in.	20.75x23.5in.	780 lb.	709 lb.
ACS-46375-80HM	23.5 @ 175	7.5 HP, 460V, 3Ø, 10.0A	1250	Two stage, cast iron	80-gallon	52x26.5x53in.	20.75x23.5in.	780 lb.	709 lb.
ADS-23110-120HM	34.2 @ 175	10.0 HP, 230V, 1Ø, 39.0A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	890 lb.	811 lb.
ADS-20310-120HM	34.2 @ 175	10.0 HP, 200V, 3Ø, 30.8A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	890 lb.	811 lb.
ADS-23310-120HM	34.2 @ 175	10.0 HP, 230V, 3Ø, 26.8A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	890 lb.	811 lb.
ADS-46310-120HM	34.2 @ 175	10.0 HP, 460V, 3Ø, 13.4A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	890 lb.	811 lb.
AES-20315-120HM	46.5 @ 175	15.0 HP, 200V, 3Ø, 44.0A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	935 lb.	856 lb.
AES-23315-120HM	46.5 @ 175	15.0 HP, 230V, 3Ø, 38.0A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	935 lb.	856 lb.
AES-46315-120HM	46.5 @ 175	15.0 HP, 460V, 3Ø, 19.0A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	935 lb.	856 lb.

SIMPLEX VERTICAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	COMPRESSOR	TANK SIZE	DIMENSIONS (LxWxH)	BOLT DOWN (LxW)	SHIP WT.	NET WT.
ACS-23105-80VM	18.0 @ 175	5.0 HP, 230V, 1Ø, 23.0A	860	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	615 lb.	544 lb.
ACS-20305-80VM	18.0 @ 175	5.0 HP, 200V, 3Ø, 16.1A	860	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	615 lb.	544 lb.
ACS-23305-80VM	18.0 @ 175	5.0 HP, 230V, 3Ø, 13.8A	860	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	615 lb.	544 lb.
ACS-46305-80VM	18.0 @ 175	5.0 HP, 460V, 3Ø, 6.9A	860	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	615 lb.	544 lb.
ACS-23175-80VM	23.5 @ 175	7.5 HP, 230V, 1Ø, 31.0A	1250	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	780 lb.	709 lb.
ACS-20375-80VM	23.5 @ 175	7.5 HP, 200V, 3Ø, 23.0A	1250	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	780 lb.	709 lb.
ACS-23375-80VM	23.5 @ 175	7.5 HP, 230V, 3Ø, 20.0A	1250	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	780 lb.	709 lb.
ACS-46375-80VM	23.5 @ 175	7.5 HP, 460V, 3Ø, 10.0A	1250	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	780 lb.	709 lb.

DUPLEX HORIZONTAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	COMPRESSOR	TANK SIZE	DIMENSIONS (LxWxH)	BOLT DOWN (LxW)	SHIP WT.	NET WT.
ACD-23105-120HM	36.0 @ 175	5.0 HP, 230V, 1Ø, 46.0A	860	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	950 lb.	871 lb.
ACD-20305-120HM	36.0 @ 175	5.0 HP, 200V, 3Ø, 32.2A	860	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	950 lb.	871 lb.
ACD-23305-120HM	36.0 @ 175	5.0 HP, 230V, 3Ø, 27.6A	860	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	950 lb.	871 lb.
ACD-46305-120HM	36.0 @ 175	5.0 HP, 460V, 3Ø, 13.8A	860	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	950 lb.	871 lb.
ACD-23175-120HM	46.4 @ 175	7.5 HP, 230V, 1Ø, 62.0A	1250	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1000 lb.	921 lb.
ACD-20375-120HM	46.4 @ 175	7.5 HP, 200V, 3Ø, 46.0A	1250	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1000 lb.	921 lb.
ACD-23375-120HM	46.4 @ 175	7.5 HP, 230V, 3Ø, 40.0A	1250	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1000 lb.	921 lb.
ACD-46375-120HM	46.4 @ 175	7.5 HP, 460V, 3Ø, 20.0A	1250	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1000 lb.	921 lb.
ADD-23110-120HM	68.4 @ 175	10.0 HP, 230V, 1Ø, 78.0A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1300 lb.	1221 lb.
ADD-20310-120HM	68.4 @ 175	10.0 HP, 200V, 3Ø, 61.6A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1300 lb.	1221 lb.
ADD-23310-120HM	68.4 @ 175	10.0 HP, 230V, 3Ø, 53.6A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1300 lb.	1221 lb.
ADD-46310-120HM	68.4 @ 175	10.0 HP, 460V, 3Ø, 26.8A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1300 lb.	1221 lb.
AED-20315-120HM	93.0 @ 175	15.0 HP, 200V, 3Ø, 88.0A	810	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1650 lb.	1571 lb.
AED-23315-120HM	93.0 @ 175	15.0 HP, 230V, 3Ø, 76.0A	810	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1650 lb.	1571 lb.
AED-46315-120HM	93.0 @ 175	15.0 HP, 460V, 3Ø, 38.0A	810	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1650 lb.	1571 lb.

Accessories:

PART NUMBER	DESCRIPTION	FITS MODELS
3-0312	Pump	ACS horizontal & vertical models & ACD models
3-0313	Pump	ADS & ADD models
3-0314	Pump	AES & AED models



ACD-23375-120HM