

M Series Simplex & Duplex Electric

Compressor Pump:

- Two stage cast iron
- 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
- $\frac{3}{16}$ -inch base plate to reduce vibration
- Powder coated totally enclosed heavy-duty belt guard

Components:

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

Limited Warranties:

- 1 year electric motor
- 5 year compressor pump

Certifications:

- ASME Boiler and Pressure Vessel Code - U

The ultimate in air compressors, the M Series comes complete with all available options to meet the most demanding industrial air needs. Available with either horizontal or vertical tank options and multiple industrial low RPM motor configurations.



ACS-23175-80HM

Two Stage – 80 & 120-Gallon – Horizontal & Vertical



ACD-23375-120HM

M Series Standard Features

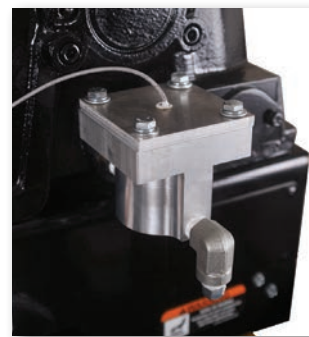
These standard features are what sets the M Series air compressors apart from our standard line-up.



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



Vibration isolator pads protect the tank from stress



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

ACS-23105-80VM

M Series Simplex Electric



ADS-23110-120HM

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

VERTICAL MODELS									
HP	TANK SIZE	MODEL NUMBER	PUMP RPM	VOLTAGE/AMPERAGE/PHASE	CFM DELIVERED @ 175 PSI	DIMENSIONS (LxWxH)	BOLT DOWN DIMENSIONS (LxW)	SHIP WT.	NET WT.
5.0	80-gallon	ACS-23105-80VM	860	230V, 23.0A, 1 Phase	18.0	33x25x73in.	15.63x15.63in.	695 lb.	544 lb.
5.0	80-gallon	ACS-20305-80VM	860	200V, 16.1A, 3 Phase	18.0	33x25x73in.	15.63x15.63in.	695 lb.	544 lb.
5.0	80-gallon	ACS-23305-80VM	860	230V, 13.8A, 3 Phase	18.0	33x25x73in.	15.63x15.63in.	695 lb.	544 lb.
5.0	80-gallon	ACS-46305-80VM	860	460V, 6.9A, 3 Phase	18.0	33x25x73in.	15.63x15.63in.	695 lb.	544 lb.
7.5	80-gallon	ACS-23175-80VM	1250	230V, 31.0A, 1 Phase	23.5	33x25x73in.	15.63x15.63in.	780 lb.	709 lb.
7.5	80-gallon	ACS-20375-80VM	1250	200V, 23.0A, 3 Phase	23.5	33x25x73in.	15.63x15.63in.	780 lb.	709 lb.
7.5	80-gallon	ACS-23375-80VM	1250	230V, 20.0A, 3 Phase	23.5	33x25x73in.	15.63x15.63in.	780 lb.	709 lb.
7.5	80-gallon	ACS-46375-80VM	1250	460V, 10.0A, 3 Phase	23.5	33x25x73in.	15.63x15.63in.	780 lb.	709 lb.

Accessories:

PART NUMBER	DESCRIPTION	FITS MODELS
3-0312	Pump - Replacement pump	ACS horizontal & vertical models
3-0313	Pump - Replacement pump	ADS models
3-0314	Pump - Replacement pump	AES models

M Series Duplex Electric



ADD-23310-120HM

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

Accessories:

PART NUMBER	DESCRIPTION	FITS MODELS
3-0312	Pump - Replacement pump	ACD models
3-0313	Pump - Replacement pump	ADD models
3-0314	Pump - Replacement pump	AED models