



M Series 80 & 120-Gallon Air Compressors

Two Stage — Electric — Simplex



The M Series air compressors are available in many motor configurations and offer maximum air power day-in and day-out. Choose from either a vertical or horizontal tank for your specific needs.

COMPRESSOR PUMP

- Cast iron compressor pump
- Splash lubricated
- Stainless-steel braided discharge hose
- Large cartridge intake filter
- Oil level sight indicator

MOTOR

- Industrial low RPM motor
- Magnetic start for thermal overload protection

FRAME

- Powder coated ASME receiver tank
- 3/16-inch base plate to reduce vibration
- Powder coated two-piece belt guard

COMPONENTS

- ASME safety valves
- Tank pressure gauge
- Hour meter
- Large fly wheel
- Intake filter/silencer
- Tank shut-off valve

LIMITED WARRANTY

- 1 year motor

CERTIFICATION

- ASME Boiler and Pressure Vessel Code – U



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Air Compressors – Two Stage – Electric – Simplex

HORIZONTAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	TANK SIZE	DIMENSIONS (LxWxH)	BOLT DOWN (LxW)	SHIP WT.	NET WT.
	18.0 @ 175	5.0 HP, 230V, 1Ø, 23.0A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	690 lb.	586 lb.
	18.0 @ 175	5.0 HP, 200V, 3Ø, 16.1A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	660 lb.	556 lb.
	18.0 @ 175	5.0 HP, 230V, 3Ø, 13.8A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	646 lb.	542 lb.
	18.0 @ 175	5.0 HP, 460V, 3Ø, 6.9A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	646 lb.	542 lb.
	23.5 @ 175	7.5 HP, 230V, 1Ø, 31.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	708 lb.	604 lb.
	23.5 @ 175	7.5 HP, 200V, 3Ø, 23.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	679 lb.	575 lb.
	23.5 @ 175	7.5 HP, 230V, 3Ø, 20.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	668 lb.	564 lb.
	23.5 @ 175	7.5 HP, 460V, 3Ø, 10.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	668 lb.	564 lb.
	34.2 @ 175	10.0 HP, 230V, 1Ø, 39.0A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	1016 lb.	866 lb.
	34.2 @ 175	10.0 HP, 200V, 3Ø, 30.8A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	996 lb.	846 lb.
	34.2 @ 175	10.0 HP, 230V, 3Ø, 26.8A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	986 lb.	836 lb.
	34.2 @ 175	10.0 HP, 460V, 3Ø, 13.4A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	986 lb.	836 lb.
	46.5 @ 175	15.0 HP, 200V, 3Ø, 44.0A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	1208 lb.	1058 lb.
	46.5 @ 175	15.0 HP, 230V, 3Ø, 38.0A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	1193 lb.	1043 lb.
	46.5 @ 175	15.0 HP, 460V, 3Ø, 19.0A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	1193 lb.	1043 lb.

VERTICAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	TANK SIZE	DIMENSIONS (LxWxH)	BOLT DOWN (LxW)	SHIP WT.	NET WT.
	18.0 @ 175	5.0 HP, 230V, 1Ø, 23.0A	860	80-gallon	33x25x73in.	15.63x15.63in.	661 lb.	589 lb.
	18.0 @ 175	5.0 HP, 200V, 3Ø, 16.1A	860	80-gallon	33x25x73in.	15.63x15.63in.	660 lb.	588 lb.
	18.0 @ 175	5.0 HP, 230V, 3Ø, 13.8A	860	80-gallon	33x25x73in.	15.63x15.63in.	660 lb.	588 lb.
	18.0 @ 175	5.0 HP, 460V, 3Ø, 6.9A	860	80-gallon	33x25x73in.	15.63x15.63in.	660 lb.	588 lb.
	23.5 @ 175	7.5 HP, 230V, 1Ø, 31.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	706 lb.	634 lb.
	23.5 @ 175	7.5 HP, 200V, 3Ø, 23.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	691 lb.	619 lb.
	23.5 @ 175	7.5 HP, 230V, 3Ø, 20.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	690 lb.	618 lb.
	23.5 @ 175	7.5 HP, 460V, 3Ø, 10.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	690 lb.	618 lb.

ACCESSORIES:

PART NUMBER	DESCRIPTION	FITS MODELS
	Replacement pump	
	Replacement pump	
	Replacement pump	

THESE FEATURES ARE WHAT SET THE M SERIES AIR COMPRESSORS APART.



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