

Simplex Electric Series

Mi-T-M Simplex air compressors are built to the highest quality possible; they are efficient and dependable and are perfect for the industrial setting. Available with industrial low RPM motors and mounted on horizontal or vertical tanks.

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
- 3/16-inch base plate to reduce vibration
- Powder coated totally enclosed belt guard

Components:

- 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



AES-23315-120H

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

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-23105-80H	860	230V, 23.0A, 1 Phase	18.0	52x26.5x53in.	20.75x23.5in.	585 lb.	514 lb.	
5.0	80-gallon	ACS-20305-80H	860	200V, 16.1A, 3 Phase	18.0	52x26.5x53in.	20.75x23.5in.	585 lb.	514 lb.	
5.0	80-gallon	ACS-23305-80H	860	230V, 13.8A, 3 Phase	18.0	52x26.5x53in.	20.75x23.5in.	585 lb.	514 lb.	
5.0	80-gallon	ACS-46305-80H	860	460V, 6.9A, 3 Phase	18.0	52x26.5x53in.	20.75x23.5in.	585 lb.	514 lb.	
7.5	80-gallon	ACS-23175-80H	1250	230V, 31.0A, 1 Phase	23.5	52x26.5x53in.	20.75x23.5in.	665 lb.	594 lb.	
7.5	80-gallon	ACS-20375-80H	1250	200V, 23.0A, 3 Phase	23.5	52x26.5x53in.	20.75x23.5in.	665 lb.	594 lb.	
7.5	80-gallon	ACS-23375-80H	1250	230V, 20.0A, 3 Phase	23.5	52x26.5x53in.	20.75x23.5in.	665 lb.	594 lb.	
7.5	80-gallon	ACS-46375-80H	1250	460V, 10.0A, 3 Phase	23.5	52x26.5x53in.	20.75x23.5in.	665 lb.	594 lb.	
10.0	120-gallon	ADS-23110-120H	909	230V, 39.0A, 1 Phase	34.2	74x26.5x58in.	34.5x23.5in.	904 lb.	785 lb.	
10.0	120-gallon	ADS-20310-120H	909	200V, 30.8A, 3 Phase	34.2	74x26.5x58in.	34.5x23.5in.	904 lb.	785 lb.	
10.0	120-gallon	ADS-23310-120H	909	230V, 26.8A, 3 Phase	34.2	74x26.5x58in.	34.5x23.5in.	904 lb.	785 lb.	
10.0	120-gallon	ADS-46310-120H	909	460V, 13.4A, 3 Phase	34.2	74x26.5x58in.	34.5x23.5in.	904 lb.	785 lb.	
15.0	120-gallon	AES-20315-120H	776	200V, 44.0A, 3 Phase	46.5	74x26.5x58in.	34.5x23.5in.	995 lb.	876 lb.	
15.0	120-gallon	AES-23315-120H	776	230V, 38.0A, 3 Phase	46.5	74x26.5x58in.	34.5x23.5in.	995 lb.	876 lb.	
15.0	120-gallon	AES-46315-120H	776	460V, 19.0A, 3 Phase	46.5	74x26.5x58in.	34.5x23.5in.	995 lb.	876 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-23105-80V	860	230V, 23.0A, 1 Phase	18.0	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.	
5.0	80-gallon	ACS-20305-80V	860	200V, 16.1A, 3 Phase	18.0	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.	
5.0	80-gallon	ACS-23305-80V	860	230V, 13.8A, 3 Phase	18.0	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.	
5.0	80-gallon	ACS-46305-80V	860	460V, 6.9A, 3 Phase	18.0	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.	
7.5	80-gallon	ACS-23175-80V	1250	230V, 31.0A, 1 Phase	23.5	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.	
7.5	80-gallon	ACS-20375-80V	1250	200V, 23.0A, 3 Phase	23.5	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.	
7.5	80-gallon	ACS-23375-80V	1250	230V, 20.0A, 3 Phase	23.5	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.	
7.5	80-gallon	ACS-46375-80V	1250	460V, 10.0A, 3 Phase	23.5	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.	

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ACS-23105-80V

Accessories & Options:

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
IX-0001	Vibration isolator pads - Isolators protect the unit from vibration during use	All models
IX-0002	After cooler - Removes up to 65% of the moisture from discharged compressed air and drops the temperature within 10° of ambient	ACS vertical models
IX-0003	After cooler - Removes up to 65% of the moisture from discharged compressed air and drops the temperature within 10° of ambient	ADS models
IX-0004	After cooler - Removes up to 65% of the moisture from discharged compressed air and drops the temperature within 10° of ambient	AES models
IX-0006	Electric tank drain - Automatically drains liquid from compressor tank (Recommended to use with an after cooler)	All models
IX-0008	Low oil monitor - Low oil sensor does not allow unit to start when oil levels fall below an adequate level	ACS horizontal & vertical models
IX-0032	Pneumatic tank drain - Automatically drains liquid from compressor tank (Recommended to use with an after cooler)	ADS & AES models
IX-0036	Low oil monitor - Low oil sensor does not allow unit to start when oil levels fall below an adequate level	ADS & AES models
IX-0051	Pneumatic tank drain - Automatically drains liquid from compressor tank; unit cannot include after cooler	ACS vertical models
IX-0052	After cooler - Removes up to 65% of the moisture from discharged compressed air and drops the temperature within 10° of ambient	ACS horizontal models
IX-0056	Pneumatic tank drain - Automatically drains liquid from compressor tank; unit cannot include an after cooler	ACS horizontal models
IX-0057	Pneumatic tank drain - Automatically drains liquid from compressor tank; you must also have IX-0052 after cooler option	ACS horizontal models
IX-0058	Pneumatic tank drain - Automatically drains liquid from compressor tank; you must also have IX-0002 after cooler option	ACS vertical models