



# 80 & 120-Gallon Air Compressors

*Two Stage — Electric — Simplex*



ACS-23105-80H

*The horizontal and vertical 80-gallon and 120-gallon air compressors can be installed out of the way in workshops and service bays where compressed air is a required utility.*

#### 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
- $\frac{3}{16}$ -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

#### LIMITED WARRANTY

- 1 year motor

#### CERTIFICATION

- ASME Boiler and Pressure Vessel Code – U



# 80 & 120-Gallon

## 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.
ACS-23105-80H	18.0 @ 175	5.0 HP, 230V, 1Ø, 23.0A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	585 lb.	514 lb.
ACS-20305-80H	18.0 @ 175	5.0 HP, 200V, 3Ø, 16.1A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	585 lb.	514 lb.
ACS-23305-80H	18.0 @ 175	5.0 HP, 230V, 3Ø, 13.8A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	585 lb.	514 lb.
ACS-46305-80H	18.0 @ 175	5.0 HP, 460V, 3Ø, 6.9A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	585 lb.	514 lb.
ACS-23175-80H	23.5 @ 175	7.5 HP, 230V, 1Ø, 31.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	665 lb.	594 lb.
ACS-20375-80H	23.5 @ 175	7.5 HP, 200V, 3Ø, 23.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	665 lb.	594 lb.
ACS-23375-80H	23.5 @ 175	7.5 HP, 230V, 3Ø, 20.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	665 lb.	594 lb.
ACS-46375-80H	23.5 @ 175	7.5 HP, 460V, 3Ø, 10.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	665 lb.	594 lb.
ADS-23110-120H	34.2 @ 175	10.0 HP, 230V, 1Ø, 39.0A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	904 lb.	785 lb.
ADS-20310-120H	34.2 @ 175	10.0 HP, 200V, 3Ø, 30.8A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	904 lb.	785 lb.
ADS-23310-120H	34.2 @ 175	10.0 HP, 230V, 3Ø, 26.8A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	904 lb.	785 lb.
ADS-46310-120H	34.2 @ 175	10.0 HP, 460V, 3Ø, 13.4A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	904 lb.	785 lb.
AES-20315-120H	46.5 @ 175	15.0 HP, 200V, 3Ø, 44.0A	776	120-gallon	74x26.5x58in.	34.5x23.5in.	995 lb.	876 lb.
AES-23315-120H	46.5 @ 175	15.0 HP, 230V, 3Ø, 38.0A	776	120-gallon	74x26.5x58in.	34.5x23.5in.	995 lb.	876 lb.
AES-46315-120H	46.5 @ 175	15.0 HP, 460V, 3Ø, 19.0A	776	120-gallon	74x26.5x58in.	34.5x23.5in.	995 lb.	876 lb.

### VERTICAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	TANK SIZE	DIMENSIONS (LxWxH)	BOLT DOWN (LxW)	SHIP WT.	NET WT.
ACS-23105-80V	18.0 @ 175	5.0 HP, 230V, 1Ø, 23.0A	860	80-gallon	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.
ACS-20305-80V	18.0 @ 175	5.0 HP, 200V, 3Ø, 16.1A	860	80-gallon	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.
ACS-23305-80V	18.0 @ 175	5.0 HP, 230V, 3Ø, 13.8A	860	80-gallon	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.
ACS-46305-80V	18.0 @ 175	5.0 HP, 460V, 3Ø, 6.9A	860	80-gallon	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.
ACS-23175-80V	23.5 @ 175	7.5 HP, 230V, 1Ø, 31.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.
ACS-20375-80V	23.5 @ 175	7.5 HP, 200V, 3Ø, 23.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.
ACS-23375-80V	23.5 @ 175	7.5 HP, 230V, 3Ø, 20.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.
ACS-46375-80V	23.5 @ 175	7.5 HP, 460V, 3Ø, 10.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.

### ACCESSORIES:

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

### OPTIONS:

PART NUMBER	DESCRIPTION	FITS 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°F 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°F 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°F 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-0032	Pneumatic tank drain – Automatically drains liquid from compressor tank; recommended to use with an after cooler	All models except ACS models
IX-0051	Pneumatic tank drain – Automatically drains liquid from compressor tank; recommended to use with an 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°F of ambient	ACS horizontal models
IX-0056	Pneumatic tank drain – Automatically drains liquid from compressor tank; recommended to use with an after cooler	ACS horizontal models
IX-0057	Pneumatic tank drain, requires after cooler option, IX-0052 – Automatically drains liquid from compressor tank; recommended to use with an after cooler	ACS horizontal models
IX-0058	Pneumatic tank drain, requires after cooler option, IX-0002 – Automatically drains liquid from compressor tank; recommended to use with an after cooler	ACS vertical models
IX-0061	Low oil monitor – Low oil sensor does not allow unit to start when oil levels fall below an adequate level	ACS 200V models
IX-0062	Low oil monitor – Low oil sensor does not allow unit to start when oil levels fall below an adequate level	ACS 230V models
IX-0063	Low oil monitor – Low oil sensor does not allow unit to start when oil levels fall below an adequate level	ACS 460V models
IX-0064	Low oil monitor – Low oil sensor does not allow unit to start when oil levels fall below an adequate level	ADS & AES 200V models
IX-0065	Low oil monitor – Low oil sensor does not allow unit to start when oil levels fall below an adequate level	ADS & AES 230V models
IX-0066	Low oil monitor – Low oil sensor does not allow unit to start when oil levels fall below an adequate level	ADS & AES 460V models



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**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).