



# 80-Gallon 120-Gallon

## Industrial Two Stage – Electric – Simplex

The powerful 80 and 120-gallon air compressors are designed with productivity and efficiency in mind. Equip workshops, service bays and more.



ACS-23105-80H

### 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
- Powder coated two-piece belt guard
- Removable base plate offers flexible installation

### COMPONENTS

- ASME safety valves
- Tank pressure gauge
- Hour meter
- Large fly wheel
- Intake filter/silencer
- Tank shut-off valve
- Start/stop control set at 145 to 175-PSI

### LIMITED WARRANTY

- 1 year electric motor

### CERTIFICATION

- ASME Boiler and Pressure Vessel Code – U

### 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, 10, 23.0A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	660 lb.	556 lb.
ACS-20305-80H	18.0 @ 175	5.0 HP, 200V, 30, 16.1A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	630 lb.	526 lb.
ACS-23305-80H	18.0 @ 175	5.0 HP, 230V, 30, 13.8A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	616 lb.	512 lb.
ACS-46305-80H	18.0 @ 175	5.0 HP, 460V, 30, 6.9A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	616 lb.	512 lb.
ACS-23175-80H	23.5 @ 175	7.5 HP, 230V, 10, 31.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	678 lb.	574 lb.
ACS-20375-80H	23.5 @ 175	7.5 HP, 200V, 30, 23.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	649 lb.	545 lb.
ACS-23375-80H	23.5 @ 175	7.5 HP, 230V, 30, 20.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	638 lb.	534 lb.
ACS-46375-80H	23.5 @ 175	7.5 HP, 460V, 30, 10.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	638 lb.	534 lb.
ADS-23110-120H	34.2 @ 175	10.0 HP, 230V, 10, 39.0A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	986 lb.	836 lb.
ADS-20310-120H	34.2 @ 175	10.0 HP, 200V, 30, 30.8A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	966 lb.	816 lb.
ADS-23310-120H	34.2 @ 175	10.0 HP, 230V, 30, 26.8A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	956 lb.	806 lb.
ADS-46310-120H	34.2 @ 175	10.0 HP, 460V, 30, 13.4A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	956 lb.	806 lb.
AES-20315-120H	46.5 @ 175	15.0 HP, 200V, 30, 44.0A	776	120-gallon	74x26.5x58in.	34.5x23.5in.	1178 lb.	1028 lb.
AES-23315-120H	46.5 @ 175	15.0 HP, 230V, 30, 38.0A	776	120-gallon	74x26.5x58in.	34.5x23.5in.	1163 lb.	1013 lb.
AES-46315-120H	46.5 @ 175	15.0 HP, 460V, 30, 19.0A	776	120-gallon	74x26.5x58in.	34.5x23.5in.	1163 lb.	1013 lb.

# 80-Gallon and 120-Gallon

## Air Compressors – Industrial Two Stage – Electric – Simplex

### 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, 10, 23.0A	860	80-gallon	34.5x25x73in.	15.63x15.63in.	666 lb.	559 lb.
ACS-20305-80V	18.0 @ 175	5.0 HP, 200V, 30, 16.1A	860	80-gallon	34.5x25x73in.	15.63x15.63in.	665 lb.	558 lb.
ACS-23305-80V	18.0 @ 175	5.0 HP, 230V, 30, 13.8A	860	80-gallon	34.5x25x73in.	15.63x15.63in.	665 lb.	558 lb.
ACS-46305-80V	18.0 @ 175	5.0 HP, 460V, 30, 6.9A	860	80-gallon	34.5x25x73in.	15.63x15.63in.	665 lb.	558 lb.
ACS-23175-80V	23.5 @ 175	7.5 HP, 230V, 10, 31.0A	1250	80-gallon	34.5x25x73in.	15.63x15.63in.	711 lb.	604 lb.
ACS-20375-80V	23.5 @ 175	7.5 HP, 200V, 30, 23.0A	1250	80-gallon	34.5x25x73in.	15.63x15.63in.	696 lb.	589 lb.
ACS-23375-80V	23.5 @ 175	7.5 HP, 230V, 30, 20.0A	1250	80-gallon	34.5x25x73in.	15.63x15.63in.	695 lb.	588 lb.
ACS-46375-80V	23.5 @ 175	7.5 HP, 460V, 30, 10.0A	1250	80-gallon	34.5x25x73in.	15.63x15.63in.	695 lb.	588 lb.

*Note: All vertical models are shipped in two separate pieces. Assembly is required.*

### 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:** Options must be ordered with unit and cannot be added later.

PART NUMBER	DESCRIPTION	FITS MODELS
IX-0001	Vibration isolator pads – Isolators protect the unit from vibration during use	All 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-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
IX-0068	Pneumatic tank drain, requires after cooler option, IX-0069 – Automatically drains liquid from compressor tank; recommended to use with an after cooler	ACS vertical models
IX-0069	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-0070	Unit shipped pre-assembled – Fully assembled system with the hat and tank sections combined for a ready-to-use unit	ACS vertical models



ACS-23175-80V  
Shown with pre-assembled option, IX-0070



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