

80 and 120-Gallon

Industrial Two Stage – Electric Simplex and Duplex

These horizontal and vertical 80 and 120-gallon units are specifically designed to finish jobs quickly and efficiently in workshops, service bays and more.

Compressor Pump

- Cast iron compressor pump
- 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 receiver tank
- $\frac{3}{16}$ -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
- 3 position switch - compressor 1 (lead motor pump), automatic alternating and compressor 2 (lead motor pump) (Duplex models)

Limited Warranties

- 1 year electric motor
- 2 year pump exchange (see page 87)

Certification

- ASME Boiler and Pressure Vessel Code - U



ACS-23175-80V

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.	660 lb.	556 lb.
ACS-20305-80H	18.0 @ 175	5.0 HP, 200V, 3Ø, 16.1A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	630 lb.	526 lb.
ACS-23305-80H	18.0 @ 175	5.0 HP, 230V, 3Ø, 13.8A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	616 lb.	512 lb.
ACS-46305-80H	18.0 @ 175	5.0 HP, 460V, 3Ø, 6.9A	860	80-gallon	52x26.5x53in.	20.75x23.5in.	616 lb.	512 lb.
ACS-23175-80H	23.5 @ 175	7.5 HP, 230V, 1Ø, 31.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	678 lb.	574 lb.
ACS-20375-80H	23.5 @ 175	7.5 HP, 200V, 3Ø, 23.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	649 lb.	545 lb.
ACS-23375-80H	23.5 @ 175	7.5 HP, 230V, 3Ø, 20.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	638 lb.	534 lb.
ACS-46375-80H	23.5 @ 175	7.5 HP, 460V, 3Ø, 10.0A	1250	80-gallon	52x26.5x53in.	20.75x23.5in.	638 lb.	534 lb.
ADS-23110-120H	34.2 @ 175	10.0 HP, 230V, 1Ø, 39.0A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	986 lb.	836 lb.
ADS-20310-120H	34.2 @ 175	10.0 HP, 200V, 3Ø, 30.8A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	966 lb.	816 lb.
ADS-23310-120H	34.2 @ 175	10.0 HP, 230V, 3Ø, 26.8A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	956 lb.	806 lb.
ADS-46310-120H	34.2 @ 175	10.0 HP, 460V, 3Ø, 13.4A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	956 lb.	806 lb.
AES-20315-120H	46.5 @ 175	15.0 HP, 200V, 3Ø, 44.0A	776	120-gallon	74x26.5x58in.	34.5x23.5in.	1178 lb.	1028 lb.
AES-23315-120H	46.5 @ 175	15.0 HP, 230V, 3Ø, 38.0A	776	120-gallon	74x26.5x58in.	34.5x23.5in.	1163 lb.	1013 lb.
AES-46315-120H	46.5 @ 175	15.0 HP, 460V, 3Ø, 19.0A	776	120-gallon	74x26.5x58in.	34.5x23.5in.	1163 lb.	1013 lb.

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, 1Ø, 23.0A	860	80-gallon	33x25x73in.	15.63x15.63in.	631 lb.	559 lb.
ACS-20305-80V	18.0 @ 175	5.0 HP, 200V, 3Ø, 16.1A	860	80-gallon	33x25x73in.	15.63x15.63in.	630 lb.	558 lb.
ACS-23305-80V	18.0 @ 175	5.0 HP, 230V, 3Ø, 13.8A	860	80-gallon	33x25x73in.	15.63x15.63in.	630 lb.	558 lb.
ACS-46305-80V	18.0 @ 175	5.0 HP, 460V, 3Ø, 6.9A	860	80-gallon	33x25x73in.	15.63x15.63in.	630 lb.	558 lb.
ACS-23175-80V	23.5 @ 175	7.5 HP, 230V, 1Ø, 31.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	676 lb.	604 lb.
ACS-20375-80V	23.5 @ 175	7.5 HP, 200V, 3Ø, 23.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	661 lb.	589 lb.
ACS-23375-80V	23.5 @ 175	7.5 HP, 230V, 3Ø, 20.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	660 lb.	588 lb.
ACS-46375-80V	23.5 @ 175	7.5 HP, 460V, 3Ø, 10.0A	1250	80-gallon	33x25x73in.	15.63x15.63in.	660 lb.	588 lb.

DUPLEX HORIZONTAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	TANK SIZE	DIMENSIONS (LxWxH)	BOLT DOWN (LxW)	SHIP WT.	NET WT.
ACD-23105-120H	36.0 @ 175	5.0 HP, 230V, 1Ø, 46.0A	860	120-gallon	74x26.5x58in.	34.5x23.5in.	1013 lb.	909 lb.
ACD-20305-120H	36.0 @ 175	5.0 HP, 200V, 3Ø, 32.2A	860	120-gallon	74x26.5x58in.	34.5x23.5in.	953 lb.	849 lb.
ACD-23305-120H	36.0 @ 175	5.0 HP, 230V, 3Ø, 27.6A	860	120-gallon	74x26.5x58in.	34.5x23.5in.	925 lb.	821 lb.
ACD-46305-120H	36.0 @ 175	5.0 HP, 460V, 3Ø, 13.8A	860	120-gallon	74x26.5x58in.	34.5x23.5in.	925 lb.	821 lb.
ACD-23175-120H	46.4 @ 175	7.5 HP, 230V, 1Ø, 62.0A	1250	120-gallon	74x26.5x58in.	34.5x23.5in.	1049 lb.	945 lb.
ACD-20375-120H	46.4 @ 175	7.5 HP, 200V, 3Ø, 46.0A	1250	120-gallon	74x26.5x58in.	34.5x23.5in.	1091 lb.	987 lb.
ACD-23375-120H	46.4 @ 175	7.5 HP, 230V, 3Ø, 40.0A	1250	120-gallon	74x26.5x58in.	34.5x23.5in.	969 lb.	865 lb.
ACD-46375-120H	46.4 @ 175	7.5 HP, 460V, 3Ø, 20.0A	1250	120-gallon	74x26.5x58in.	34.5x23.5in.	969 lb.	865 lb.
ADD-23110-120H	68.4 @ 175	10.0 HP, 230V, 1Ø, 78.0A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	1373 lb.	1223 lb.
ADD-20310-120H	68.4 @ 175	10.0 HP, 200V, 3Ø, 61.6A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	1333 lb.	1183 lb.
ADD-23310-120H	68.4 @ 175	10.0 HP, 230V, 3Ø, 53.6A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	1313 lb.	1163 lb.
ADD-46310-120H	68.4 @ 175	10.0 HP, 460V, 3Ø, 26.8A	990	120-gallon	74x26.5x58in.	34.5x23.5in.	1313 lb.	1163 lb.
AED-20315-120H	93.0 @ 175	15.0 HP, 200V, 3Ø, 88.0A	810	120-gallon	74x26.5x58in.	34.5x23.5in.	1736 lb.	1586 lb.
AED-23315-120H	93.0 @ 175	15.0 HP, 230V, 3Ø, 76.0A	810	120-gallon	74x26.5x58in.	34.5x23.5in.	1706 lb.	1556 lb.
AED-46315-120H	93.0 @ 175	15.0 HP, 460V, 3Ø, 38.0A	810	120-gallon	74x26.5x58in.	34.5x23.5in.	1706 lb.	1556 lb.

ACCESSORIES AND OPTIONS:

PART NUMBER	DESCRIPTION	FITS MODELS	PART NUMBER	DESCRIPTION	FITS MODELS
3-0312	Replacement pump	ACS horizontal & vertical models & ACD models	IX-0051	Pneumatic tank drain	ACS vertical models
3-0313	Replacement pump	ADS & ADD models	IX-0052	After cooler	ACS horizontal models
3-0314	Replacement pump	AES & AED models	IX-0056	Pneumatic tank drain	ACS horizontal models
IX-0001	Vibration isolator pads	All models	IX-0057	Pneumatic tank drain, requires after cooler option, IX-0052	ACS horizontal models
IX-0002	After cooler	ACS vertical models	IX-0058	Pneumatic tank drain, requires after cooler option, IX-0002	ACS vertical models
IX-0003	After cooler	ADS models	IX-0061	Low oil monitor	ACS & ACD 200V models
IX-0004	After cooler	AES models	IX-0062	Low oil monitor	ACS & ACD 230V models
IX-0006	Electric tank drain	All models	IX-0063	Low oil monitor	ACS & ACD 460V models
IX-0032	Pneumatic tank drain	All models except ACS models	IX-0064	Low oil monitor	ADS, AES, ADD & AED 200V models
IX-0033	After cooler	ACD models	IX-0065	Low oil monitor	ADS, AES, ADD & AED 230V models
IX-0034	After cooler	ADD models	IX-0066	Low oil monitor	ADS, AES, ADD & AED 460V models
IX-0035	After cooler	AED models			