



80 & 120-Gallon

Two Stage – Electric – Simplex & Duplex

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 coded 80 or 120-gallon receiver tank | 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 | 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 73 for more information)

Certification:

ASME Boiler and Pressure Vessel Code - U



ACS-23105-80V



The horizontal and vertical 80-gallon and 120-gallon air compressors can be installed in service shops where compressed air is a required utility. Powerful and efficient they are designed to maximize production.

SIMPLEX HORIZONTAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	COMPRESSOR	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	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	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	995 lb.	876 lb.

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AIR COMPRESSORS

SIMPLEX VERTICAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	COMPRESSOR	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	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.
ACS-20305-80V	18.0 @ 175	5.0 HP, 200V, 3Ø, 16.1A	860	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.
ACS-23305-80V	18.0 @ 175	5.0 HP, 230V, 3Ø, 13.8A	860	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.
ACS-46305-80V	18.0 @ 175	5.0 HP, 460V, 3Ø, 6.9A	860	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	585 lb.	514 lb.
ACS-23175-80V	23.5 @ 175	7.5 HP, 230V, 1Ø, 31.0A	1250	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.
ACS-20375-80V	23.5 @ 175	7.5 HP, 200V, 3Ø, 23.0A	1250	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.
ACS-23375-80V	23.5 @ 175	7.5 HP, 230V, 3Ø, 20.0A	1250	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.
ACS-46375-80V	23.5 @ 175	7.5 HP, 460V, 3Ø, 10.0A	1250	Two stage, cast iron	80-gallon	33x25x73in.	15.63x15.63in.	665 lb.	594 lb.

DUPLEX HORIZONTAL MODELS

MODEL NUMBER	CFM @ PSI	HORSEPOWER/MOTOR	PUMP RPM	COMPRESSOR	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	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	920 lb.	841 lb.
ACD-20305-120H	36.0 @ 175	5.0 HP, 200V, 3Ø, 32.2A	860	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	920 lb.	841 lb.
ACD-23305-120H	36.0 @ 175	5.0 HP, 230V, 3Ø, 27.6A	860	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	920 lb.	841 lb.
ACD-46305-120H	36.0 @ 175	5.0 HP, 460V, 3Ø, 13.8A	860	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	920 lb.	841 lb.
ACD-23175-120H	46.4 @ 175	7.5 HP, 230V, 1Ø, 62.0A	1250	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	900 lb.	821 lb.
ACD-20375-120H	46.4 @ 175	7.5 HP, 200V, 3Ø, 46.0A	1250	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	900 lb.	821 lb.
ACD-23375-120H	46.4 @ 175	7.5 HP, 230V, 3Ø, 40.0A	1250	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	900 lb.	821 lb.
ACD-46375-120H	46.4 @ 175	7.5 HP, 460V, 3Ø, 20.0A	1250	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	900 lb.	821 lb.
ADD-23110-120H	68.4 @ 175	10.0 HP, 230V, 1Ø, 78.0A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1200 lb.	1121 lb.
ADD-20310-120H	68.4 @ 175	10.0 HP, 200V, 3Ø, 61.6A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1200 lb.	1121 lb.
ADD-23310-120H	68.4 @ 175	10.0 HP, 230V, 3Ø, 53.6A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1200 lb.	1121 lb.
ADD-46310-120H	68.4 @ 175	10.0 HP, 460V, 3Ø, 26.8A	990	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1200 lb.	1121 lb.
AED-20315-120H	93.0 @ 175	15.0 HP, 200V, 3Ø, 88.0A	810	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1550 lb.	1471 lb.
AED-23315-120H	93.0 @ 175	15.0 HP, 230V, 3Ø, 76.0A	810	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1550 lb.	1471 lb.
AED-46315-120H	93.0 @ 175	15.0 HP, 460V, 3Ø, 38.0A	810	Two stage, cast iron	120-gallon	74x26.5x58in.	34.5x23.5in.	1550 lb.	1471 lb.

Accessories & Options:

PART NUMBER	DESCRIPTION	FITS MODELS	PART NUMBER	DESCRIPTION	FITS MODELS
3-0312	Pump	ACS horizontal & vertical models & ACD models	IX-0032	Pneumatic tank drain	ADS, AES, ACD, ADD & AED models
3-0313	Pump	ADS & ADD models	IX-0033	After cooler	ACD models
3-0314	Pump	AES & AED models	IX-0034	After cooler	ADD models
IX-0001	Vibration isolator pads	All models	IX-0035	After cooler	AED models
IX-0002	After cooler	ACS vertical models	IX-0036	Low oil monitor	ADS, AES, ADD & AED models
IX-0003	After cooler	ADS models	IX-0051	Pneumatic tank drain	ACS vertical models
IX-0004	After cooler	AES models	IX-0052	After cooler	ACS horizontal models
IX-0006	Electric tank drain	All models	IX-0056	Pneumatic tank drain	ACS horizontal models
IX-0008	Low oil monitor	ACD horizontal & vertical models & ACD models	IX-0057	Pneumatic tank drain	ACS horizontal models
			IX-0058	Pneumatic tank drain, requires IX-0002 after cooler option	ACS vertical models