

Two Stage — Electric — Simplex



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. Designed to maximize production, these powerful units are efficient and high performing.

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



80 & 120-Gallon

Air Compressors – Two Stage – Electric – 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.

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.

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-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. 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; 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

Accessories:

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



ACS-23105-80V

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov