

Atlas Copco



# The Piston Range

AR/CR Compressors

# The Atlas Copco Piston Lineup

More dependable than ever with options for all applications, Atlas Copco is pleased to introduce the newly designed AR (aluminum) and CR (cast iron) piston compressor ranges. Both ranges deliver a winning combination of outstanding reliability matched with robust performance, even in the most demanding conditions, for a dependable piston you can count on.



Assembled in the United States



## Options Available Include:

- Auto tank drain
- Aftercooler
- Low level oil switch
- TEFC motor
- NEMA4 control panel
- Pressure lubricated pump
- Simplex and duplex configurations

## Reliability

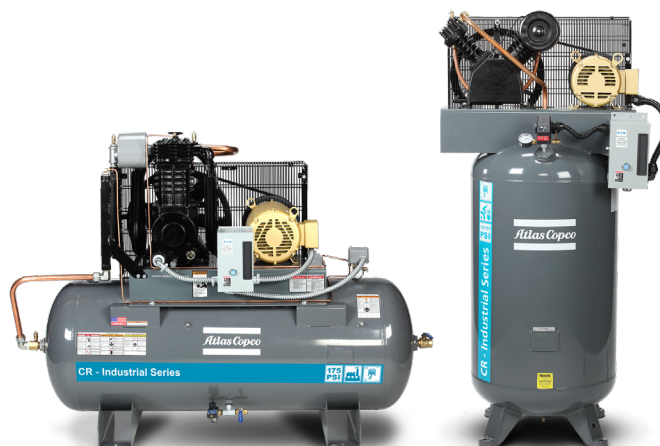
Engineered using state-of-the-art manufacturing techniques, both piston ranges provide the compressed air you need to keep your operations running.

## Heavy-Duty Construction

Ensures durability and reliability for the most demanding applications.

## Easy Maintenance

Every component is easily accessible allowing minimum downtime and requires only limited maintenance.



## AR Range

AR piston compressors are splash lubricated, two-stage compressors with a maximum operating pressure of 175 psi. All models feature an aluminum pump. Models are equipped with a magnetic starter, low oil level switch, and pneumatic auto drain.

**5-7.5 HP**

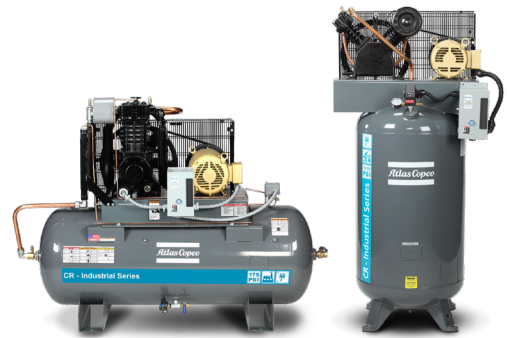


## CR Industrial Range

CR piston compressors include a cast-iron pump and are splash lubricated, two-stage compressors with a maximum operating pressure of 175 psi. All models feature a magnetic, electronic auto drain, low oil level switch, and belt guard-mounted aftercooler.

**5-15 HP**

Advanced options include a NEMA4 cubicle and TEFC motor upgrade.

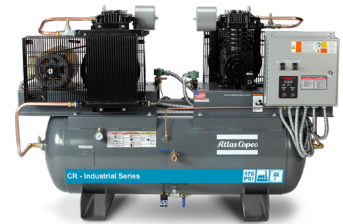


## CR Industrial Duplex Range

The same great features as the CR Range but with a two-pump duplex design. A duplex design can be used to improve efficiency and/or to create redundancy and give you a backup option inside a single unit.

**10-20 HP**

These units come with an industrial control panel that allows them to be set up in a lead/lag configuration. Advanced options include a NEMA4 control panel and TEFC motor upgrade.



## Gas Power Range

The Gas Power Range features splash lubricated two stage compressors. All models are equipped with an electric starter. They are perfect for remote job sites without access to electrical power. The CR model has a cast-iron pump and the AR model has an aluminum pump.

**13-14 HP**



# AR Range



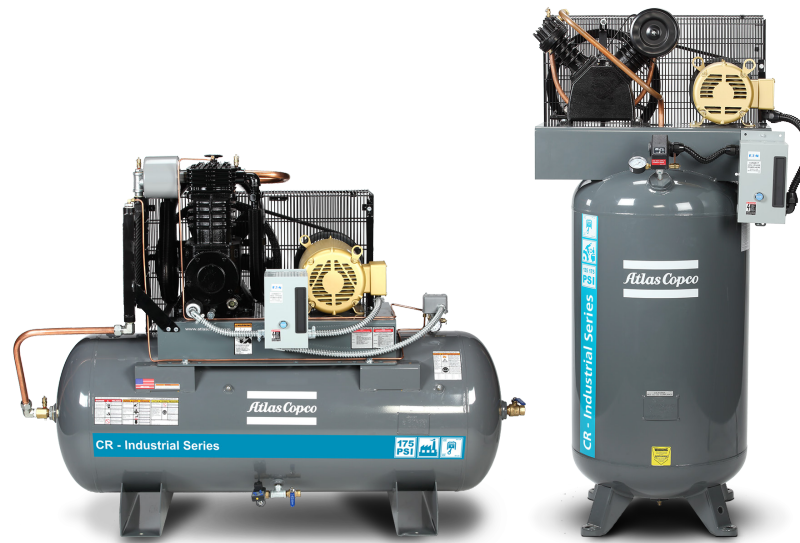
AR piston Compressors are splash lubricated, two-stage compressors with a maximum operating pressure of 175 psi. All models feature an aluminum pump. Models are equipped with a magnetic starter, low oil level switch, and pneumatic auto drain.

## AR Professional Range

Model numbers listed for voltage options

Description	HP	230/1	230/3	460/3	Tank Gal	ACFM @ 100	ACFM @ 175	Air Outlet NPT	LxWxH (in)	Weight (lbs)
AR5-P49-TS-60GV Pressure Switch Starter	5	2021119056			60V	15.4	14.6	1/2"	23x30x69	327
AR5-P49-TS-80GV	5	8090303390			80V	15.4	14.6	3/4"	26x32x69	381
AR5-P49-TS-80GV	5		8090303374	8090303416	80V	16.1	15.2	3/4"	26x36x69	381
AR-7.5-T39-TS-80GV	7.5	8090303325	809030333		80V	25.2	22.2	3/4"	26x37x77	457
AR-7.5-T39-TS-80GV PD LOLS	7.5	8090303341	8090303358		80V	25.2	22.2	3/4"	26x37x77	460

# CR Range



CR piston compressors include a cast-iron pump and are splash lubricated, two-stage compressors with a maximum operating pressure of 175 psi. All models feature a magnetic, electronic auto drain, low oil level switch, and belt guard-mounted aftercooler.

## CR Industrial Series

Model numbers listed for voltage options

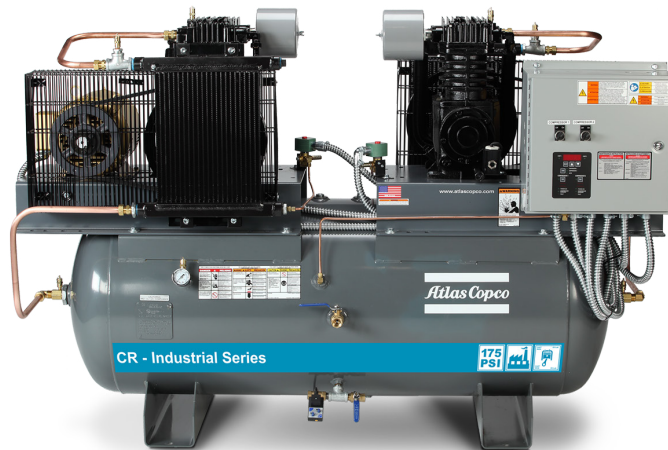
Description	HP	230/1	230/3	460/3	Tank Gal	ACFM @100	ACFM @175	Air Outlet NPT	LxWxH (in)	Weight (lbs)
CR5-CRS1-80V	5	2020041506	2020041507	2020041508	80V	18	17.4	3/4"	35x28x77	561
CR7.5-CRS1-80V	7.5	2020041516	2020041517	2020041518	80V	24.3	23.6	3/4"	35x28x77	593
CR10-CRS2-120V	10		2020041539	2020041540	120V	36.9	36	1"	49x34x78	923
CR15-CRS2-120H	15		2020041571	2020041572	120H	54	51	1"	71x30x55	997

## CR Industrial Series - With TEFC Motor and NEMA4 Starter Box

Model numbers listed for voltage options

Description	HP	230/1	230/3	460/3	Tank Gal	ACFM @100	ACFM @175	Air Outlet NPT	LxWxH (in)	Weight (lbs)
CR5-CRS1-80V-IS-N4	5	2020041813	2020041814	2020041815	80V	18	17.4	3/4"	35x28x77	561
CR7.5-CRS1-80V-IS-N4	7.5	2020041823	2020041824	2020041825	80V	24.3	23.6	3/4"	35x28x77	593
CR10-CRS2-120V-IS-N4	10		2020041846	2020041847	120V	36.9	36	1"	49x34x78	923
CR15-CRS2-120H-IS-N4	15		2020041878	2020041879	120H	54	51	1"	71x30x55	997

# Duplex (Two-Pump) Range



The CR Piston Range also comes in a two-pump duplex design. A duplex design can be used to improve efficiency and/or to create redundancy and give you a back up option inside a single unit. These units come with an industrial control panel that allows for them to be set up in a lead/lag configuration.

## CR Industrial Range - Duplex

Model numbers listed for voltage options

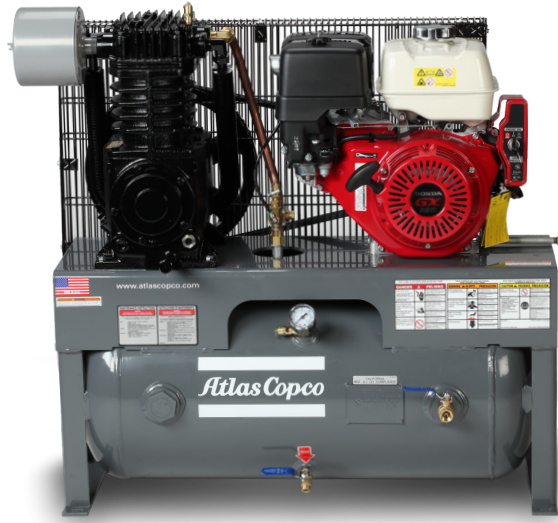
Description	HP	230/1	230/3	460/3	Tank Gal	ACFM @100	ACFM @175	Air Outlet NPT	LxWxH (in)	Weight (lbs)
CR5-CRS1-230/1-120HD-IS	10 (5x2)	2020041596	2020041597	2020041598	120H	36	34.8	3/4"	79x34x54	969
CR7.5-CRS1 - 230/1-120HD-IS	15 (7.5x2)	2020041606	2020041607	2020041608	120H	48.6	47.2	3/4"	79x34x54	1033
CR10-CRS2-230/3-200HD-IS	20 (10x2)		2020041615	2020041616	200H	73.8	72	1"	76x56x64	1668

## CR Industrial Series - Duplex - With TEFC Motor and NEMA4 Control Panel

Model numbers listed for voltage options

Description	HP	230/1	230/3	460/3	Tank Gal	ACFM @100	ACFM @175	Air Outlet NPT	LxWxH (in)	Weight (lbs)
CR5-CRS1-230/1-120HD-IS-N4	10 (5x2)	2020041903	2020041904	2020041905	120H	36	34.8	3/4"	79x34x54	969
CR7.5-CRS1 - 230/1-120HD-IS-N4	15 (7.5x2)	2020041913	2020041914	2020041915	120H	48.6	47.2	3/4"	79x34x54	1033
CR10-CRS2-230/3-200HD-IS-N4	20 (10x2)		2020041922	2020041923	200H	73.8	72	1"	76x56x64	1668

# Gas Power Range



The Gas Power Range features splash lubricated two stage compressors. All models are equipped with an electric starter. They are perfect for remote job sites without access to electrical power. The CR model has a cast-iron pump and the AR model has an aluminum pump.

## Gas Power Range

Model numbers listed below

Description	HP	Engine	Part No.	Tank Gal	ACFM @ 100	ACFM @ 175	Air Outlet NPT	LxWxH (in)	Weight (lbs)
AR-P49-TS-13HP	13	Honda	8090303366	30H	13.4	12.7	3/4"	41x19x44	325
CR13-CRS1-HG-30H-PS*	13	Honda	2020041630	30H	24.6	23.6	1/2"	42x24x44	485
CR14-CRS1-KG-30H-PS*	14	Kohler	2020041631	30H	24.6	23.6	1/2"	42x24x45	492



## Atlas Copco Compressors

300 Technology Center Drive Ste 550  
Rock Hill, South Carolina 29730  
[atlascopco.com](http://atlascopco.com)

