

Atlas Copco



CR Piston Compressors

Let's Configure Your Perfect Piston.

CR Cast Iron Piston Compressors

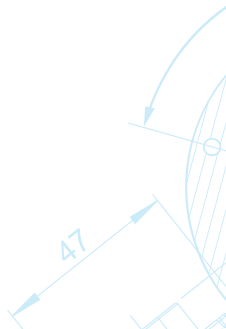
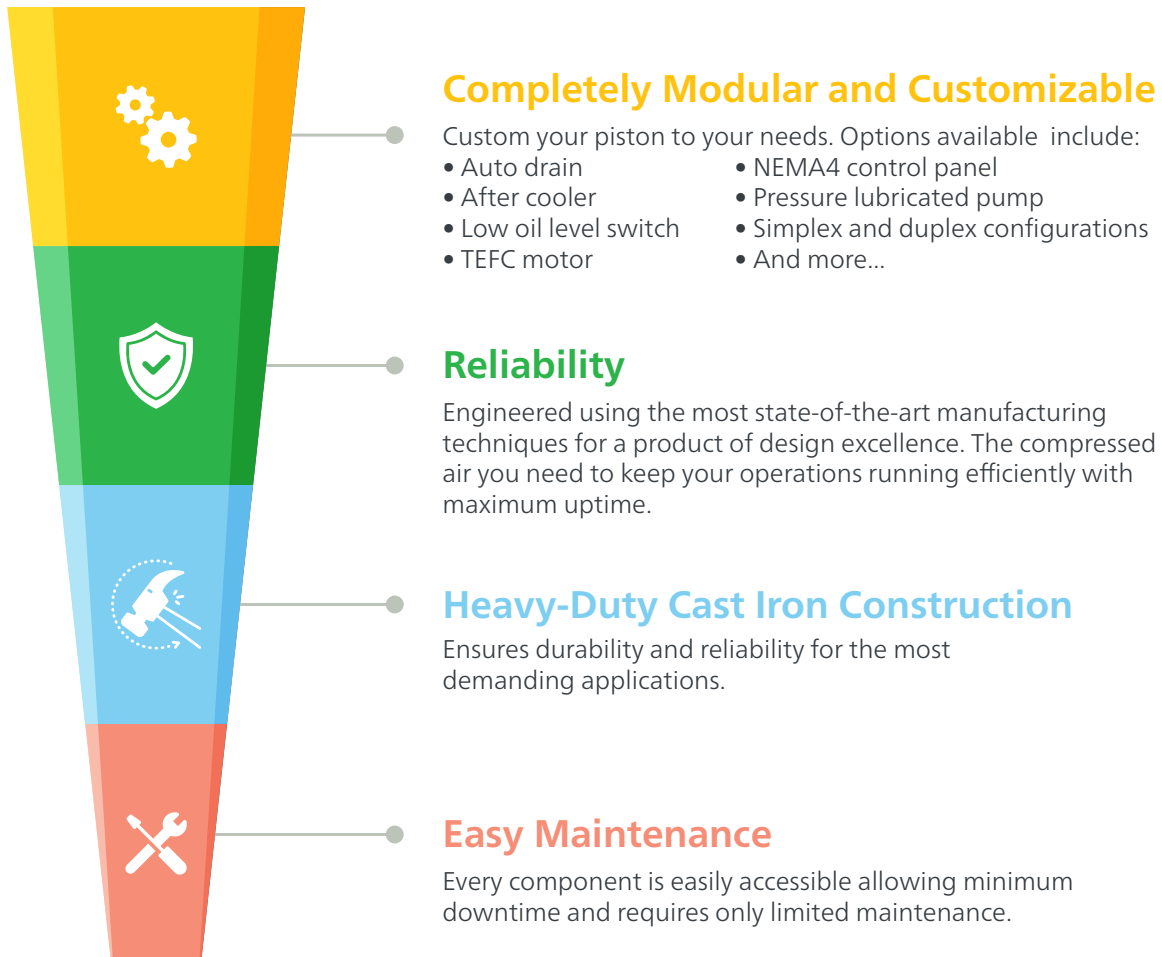
The most configurable, customizable and adaptable piston on the market!

More dependable than ever with tailored options for all contractor, professional and industrial applications, Atlas Copco is pleased to introduce the newly designed CR cast iron piston compressor series. The CR range delivers a champion combination of outstanding reliability matched with robust performance, even in the most demanding conditions for a dependable piston you can count on.

Capitalizing on heavy-duty cast iron construction and a combination of computer-aided design with controlled machining processes, the new CR single stage and two-stage compressors deliver up to 175 psig with 24/7 reliability. We back this up with our bumper to bumper warranty packages and have options for a 5 year extended warranty, depending on the model chosen.



A 60 second guide to the piston that sets the bar high



CR Piston Range



The CR Piston Range puts you in complete control. We take the basic piston product and make it completely configurable to what you need. We have an expansive range of options to ensure that you truly find the perfect piston machine for you application.

All models in the CR Series piston range are cast-iron, splash lubricated, 2 stage, compressors with a magnetic starter as standard and a maximum operating pressure of 175 psi.

Pro pack = fitted with electronic drain, belt guard and aftercooler.

Ind Pack = fitted with low level oil switch.

5HP

Part Number	Model	HP	Voltage	Phase	Pro Pack	Ind Pack	Tank Type	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040000	CR5-TS-80GV	5	230	Single Phase	x	x	Vertical	80	17.2-17.9	3/4"	32x26x75	554
2020040010	CR5-TS-80GV-IS	5	230	Single Phase	✓	✓	Vertical	80	17.2-17.9	3/4"	32x26x75	554
2020040001	CR5-TS-80GV	5	200	3 Phase	x	x	Vertical	80	17.2-17.9	3/4"	32x26x75	554
2020040011	CR5-TS-80GV-IS	5	200	3 Phase	✓	✓	Vertical	80	17.2-17.9	3/4"	32x26x75	554
2020040002	CR5-TS-80GV	5	230	3 Phase	x	x	Vertical	80	17.2-17.9	3/4"	32x26x75	554
2020040012	CR5-TS-80GV-IS	5	230	3 Phase	✓	✓	Vertical	80	17.2-17.9	3/4"	32x26x75	554
2020040003	CR5-TS-80	5	460	3 Phase	x	x	Vertical	80	17.2-17.9	3/4"	32x26x75	554
2020040013	CR5-TS-80GV-IS	5	460	3 Phase	✓	✓	Vertical	80	17.2-17.9	3/4"	32x26x75	554
2020040004	CR5-TS-80	5	575	3 Phase	x	x	Vertical	80	17.2-17.9	3/4"	32x26x75	554
2020040014	CR5-TS-80GV-IS	5	575	3 Phase	✓	✓	Vertical	80	17.2-17.9	3/4"	32x26x75	554

10HP (continued)

Part Number	Model	HP	Voltage	Phase	Pro Pack	Ind Pack	Tank Type	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040038	CR10-TS-120GV	10	460	3 Phase	x	x	Vertical	120	35-35.9	1"	40x30x77	845
2020040050	CR10-TS-120GH	10	460	3 Phase	x	x	Horizontal	120	35-35.9	1"	72x28x54	845
2020040042	CR10-TS-120G	10	460	3 Phase	✓	x	Vertical	120	35-35.9	1"	40x30x77	845
2020040054	CR10-TS-120G	10	460	3 Phase	✓	x	Horizontal	120	35-35.9	1"	72x28x54	845
2020040046	CR10-TS-120GV-IS	10	460	3 Phase	✓	✓	Vertical	120	35-35.9	1"	40x30x77	845
2020040058	CR10-TS-120GV-IS	10	460	3 Phase	✓	✓	Horizontal	120	35-35.9	1"	72x28x54	845
2020040039	CR10-TS-120GV	10	575	3 Phase	x	x	Vertical	120	35-35.9	1"	40x30x77	845
2020040043	CR10-TS-120G	10	575	3 Phase	✓	x	Vertical	120	35-35.9	1"	40x30x77	845
2020040055	CR10-TS-120G	10	575	3 Phase	✓	x	Horizontal	120	35-35.9	1"	72x28x54	845
2020040047	CR10-TS-120GV-IS	10	575	3 Phase	✓	✓	Vertical	120	35-35.9	1"	40x30x77	845
2020040059	CR10-TS-120GV-IS	10	575	3 Phase	✓	✓	Horizontal	120	35-35.9	1"	72x28x54	845

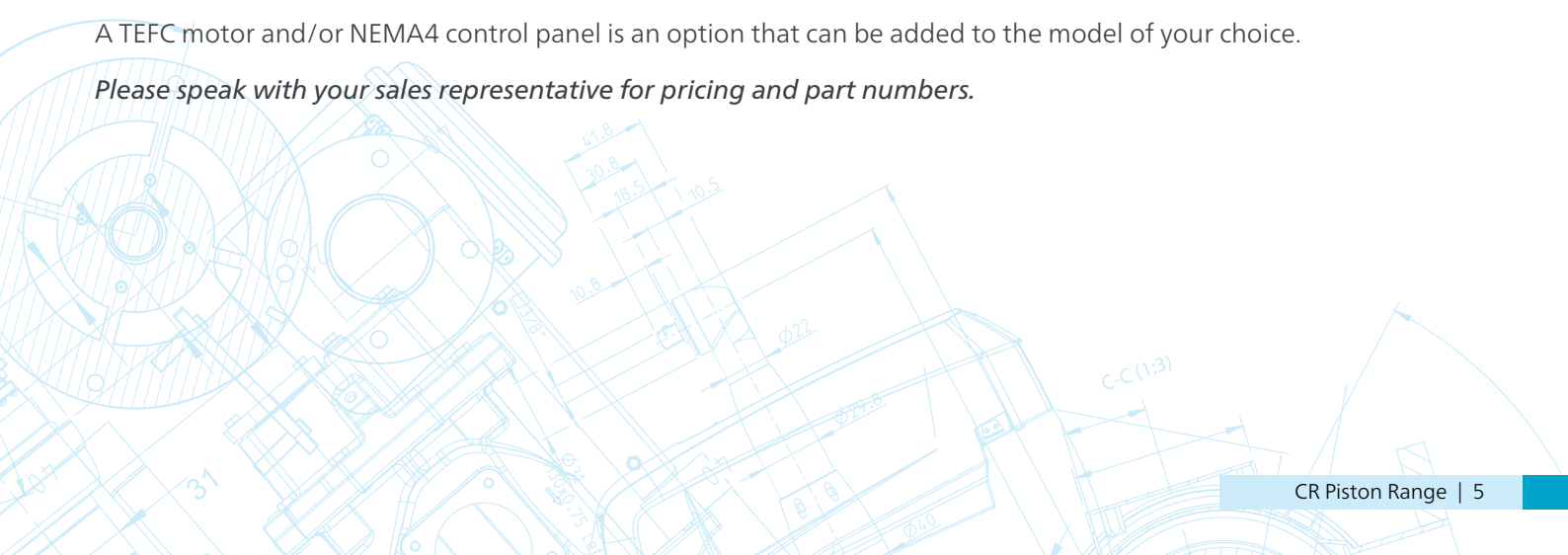
15HP

Part Number	Model	HP	Voltage	Phase	Pro Pack	Ind Pack	Tank Type	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040068	CR15-TS-120GH	15	200	3 Phase	x	x	Horizontal	120	51-54.4	1"	75x38x55	870
2020040072	CR15-TS-120G	15	200	3 Phase	✓	x	Horizontal	120	51-54.4	1"	75x38x55	870
2020040076	CR15-TS-120GH-IS	15	200	3 Phase	✓	✓	Horizontal	120	51-54.4	1"	75x38x55	845
2020040069	CR15-TS-120GH	15	230	3 Phase	x	x	Horizontal	120	51-54.4	1"	75x38x55	870
2020040073	CR15-TS-120G	15	230	3 Phase	✓	x	Horizontal	120	51-54.4	1"	75x38x55	870
2020040077	CR15-TS-120GH-IS	15	230	3 Phase	✓	✓	Horizontal	120	51-54.4		75x38x55	845
2020040070	CR15-TS-120GH	15	460	3 Phase	x	x	Horizontal	120	51-54.4	1"	75x38x55	870
2020040074	CR15-TS-120G	15	460	3 Phase	✓	x	Horizontal	120	51-54.4	1"	75x38x55	870
2020040078	CR15-TS-120GH-IS	15	460	3 Phase	✓	✓	Horizontal	120	51-54.4	1"	75x38x55	847
2020040071	CR15-TS-120GH	15	575	3 Phase	x	x	Horizontal	120	51-54.4	1"	75x38x55	870
2020040075	CR15-TS-120G	15	575	3 Phase	✓	x	Horizontal	120	51-54.4	1"	75x38x55	870
2020040079	CR15-TS-120GH-IS	15	575	3 Phase	✓	✓	Horizontal	120	51-54.4	1"	75x38x55	845

10 and 15 horsepower Ind Pack models come with head unloaders as standard.

A TEFC motor and/or NEMA4 control panel is an option that can be added to the model of your choice.

Please speak with your sales representative for pricing and part numbers.



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.

All models in the CR Series duplex piston range are cast-iron, splash lubricated, 2 stage, compressors with a magnetic starter as standard and a maximum operating pressure of 175 psi.

Pro pack = fitted with electronic drain, belt guard and aftercooler.

Ind Pack = fitted with low level oil switch.

5HP

Part Number	Model	HP	Voltage	Phase	Pro Pack	Ind Pack	Tank Type	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040000	CR5-TS-120GH-3PH-PPS-D	5	200	3 Phase	✓	x	Horizontal	120	35-35.9	1"	77x30x52	1000
2020040028	CR5-TS-120GH-IS-D	5	200	3 Phase	✓	✓	Horizontal	120	35-35.9	1"	77x30x52	1000
2020040021	CR5-TS-120GH-3PH-PPS-D	5	230	3 Phase	✓	x	Horizontal	120	35-35.9	1"	77x30x52	1000
2020040029	CR5-TS-120GH-IS-D	5	230	3 Phase	✓	✓	Horizontal	120	35-35.9	1"	77x30x52	1000
2020040022	CR5-TS-120GH-3PH-PPS-D	5	460	3 Phase	✓	x	Horizontal	120	35-35.9	1"	77x30x52	1000
2020040030	CR5-TS-120GH-IS-D	5	460	3 Phase	✓	✓	Horizontal	120	35-35.9	1"	77x30x52	1000
2020040023	CR5-TS-120GH-3PH-PPS-D	5	575	3 Phase	✓	x	Horizontal	120	35-35.9	1"	77x30x52	1000
2020040031	CR5-TS-120GH-IS-D	5	575	3 Phase	✓	✓	Horizontal	120	35-35.9	1"	77x30x52	1000

7.5HP

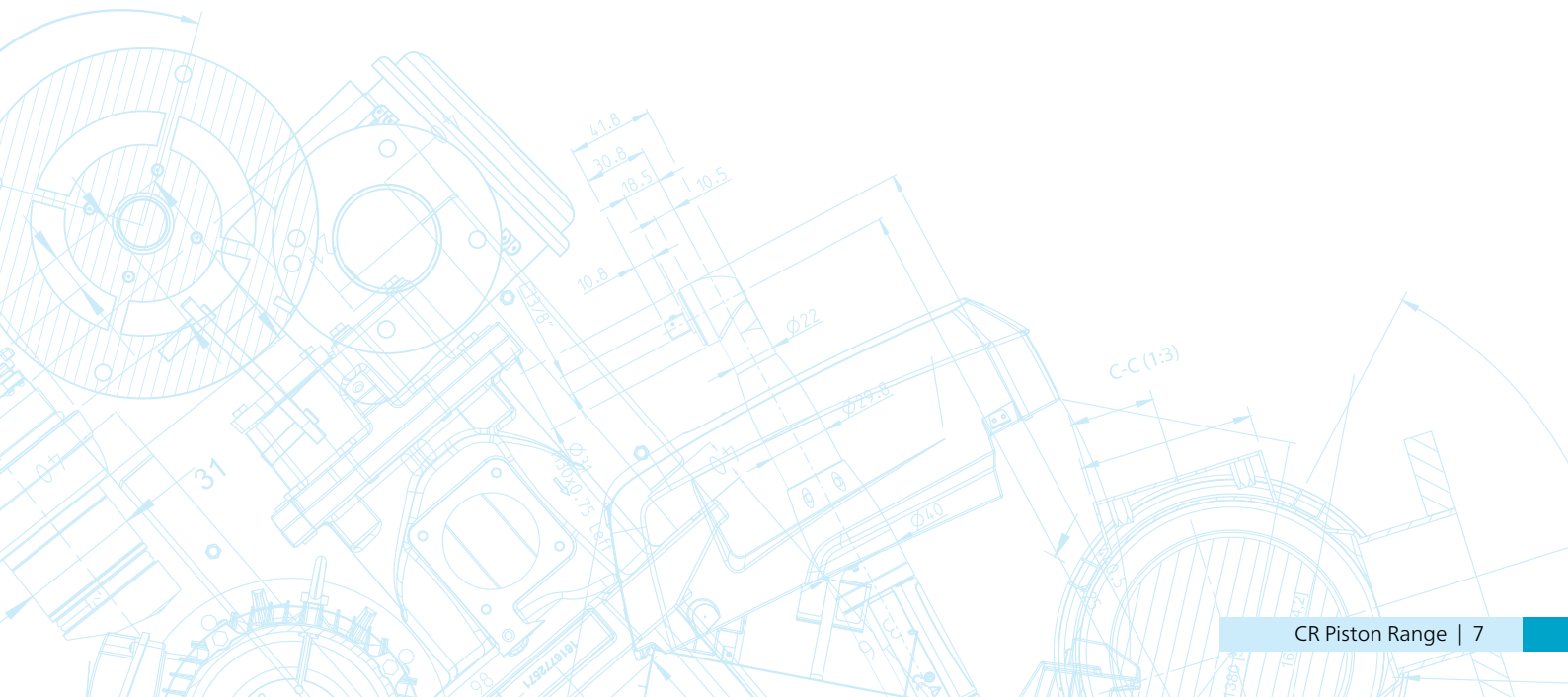
Part Number	Model	HP	Voltage	Phase	Pro Pack	Ind Pack	Tank Type	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040024	CR7.5-TS-120GH-3PH-PPS-D	7.5	200	3 Phase	✓	x	Horizontal	120	51-54.4	1"	77x30x52	1300
2020040032	CR7.5-TS-120GH-IS-D	7.5	200	3 Phase	✓	✓	Horizontal	120	51-54.4	1"	77x30x52	1300
2020040025	CR7.5-TS-120GH-3PH-PPS-D	7.5	230	3 Phase	✓	x	Horizontal	120	51-54.4	1"	77x30x52	1300
2020040033	CR7.5-TS-120GH-IS-D	7.5	230	3 Phase	✓	✓	Horizontal	120	51-54.4	1"	77x30x52	1300
2020040026	CR7.5-TS-120GH-3PH-PPS-D	7.5	460	3 Phase	✓	x	Horizontal	120	51-54.4	1"	77x30x52	1300
2020040034	CR7.5-TS-120GH-IS-D	7.5	460	3 Phase	✓	✓	Horizontal	120	51-54.4	1"	77x30x52	1300
2020040027	CR7.5-TS-120GH-3PH-PPS-D	7.5	575	3 Phase	✓	x	Horizontal	120	51-54.4	1"	77x30x52	1300
2020040035	CR7.5-TS-120GH-IS-D	7.5	575	3 Phase	✓	✓	Horizontal	120	51-54.4	1"	77x30x52	1300

10HP

Part Number	Model	HP	Voltage	Phase	Pro Pack	Ind Pack	Tank Type	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040061	CR10-TS-200GH-3PH-PPS-D	10	200	3 Phase	✓	x	Horizontal	200	70-71.8	1"	78x46x63	2200
2020040064	CR10-TS-200GH-IS-D	10	200	3 Phase	✓	✓	Horizontal	200	70-71.8	1"	78x46x63	2200
2020040062	CR10-TS-200GH-3PH-PPS-D	10	230	3 Phase	✓	x	Horizontal	200	70-71.8	1"	78x46x63	2200
2020040065	CR10-TS-200GH-IS-D	10	230	3 Phase	✓	✓	Horizontal	200	70-71.8	1"	78x46x63	2200
2020040063	CR10-TS-200GH-3PH-PPS-D	10	460	3 Phase	✓	x	Horizontal	200	70-71.8	1"	78x46x63	2200
2020040066	CR10-TS-200GH-IS-D	10	460	3 Phase	✓	✓	Horizontal	200	70-71.8	1"	78x46x63	2200
2020040060	CR10-TS-200GH-3PH-PPS-D	10	575	3 Phase	✓	x	Horizontal	200	70-71.8	1"	78x46x63	2200
2020040067	CR10-TS-200GH-IS-D	10	575	3 Phase	✓	✓	Horizontal	200	70-71.8	1"	78x46x63	2200

A TEFC motor and/or NEMA4 control panel is an option that can be added to the model of your choice.

Please speak with your sales representative for pricing and part numbers.



Pressure Lubricated Range



The pressure lubricated CR Piston Range features a pressure lubricated system which allows smooth continuous operation without excessive stresses. The pressurized oil flowing to critical surfaces results in less wear on the components, the rifle-drilled crankshaft and connecting rods allow for full pressure lubrication, all leading to an estimated 15% longer life than the equivalent splash lubricated compressor with reduced maintenance cycles.

All models in the CR Series pressure lubricated piston range are cast-iron, pressure lubricated, 2 stage, compressors with a magnetic starter as standard and a maximum operating pressure of 175 psi.

Pro pack = fitted with electronic drain, belt guard and aftercooler.

5HP

Part Number	Model	HP	Voltage	Phase	Pro Pack	Tank Type	Max Pressure	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040201	CR5-TSP-80GV-PS	5	200	3 Phase	x	Vertical	175	80	17.2-17.9	3/4"	32x26x75	554
2020040202	CR5-TSP-80GV-PS	5	230	3 Phase	x	Vertical	175	80	17.2-17.9	3/4"	32x26x75	554
2020040200	CR5-TSP-80GV-PS	5	230	Single Phase	x	Vertical	175	80	17.2-17.9	3/4"	32x26x75	554
2020040203	CR5-TSP-80GV-PS	5	460	3 Phase	x	Vertical	175	80	17.2-17.9	3/4"	32x26x75	554
2020040204	CR5-TSP-80GV-PS	5	575	3 Phase	x	Vertical	175	80	17.2-17.9	3/4"	32x26x75	554

7.5HP

Part Number	Model	HP	Voltage	Phase	Pro Pack	Tank Type	Max Pressure	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040206	CR7.5-TSP-80GV-PS	7.5	200	3 Phase	x	Vertical	175	80	22.6-23.8	3/4"	32x26x75	599
2020040207	CR7.5-TSP-80GV-PS	7.5	230	3 Phase	x	Vertical	175	80	22.6-23.8	3/4"	32x26x75	599
2020040205	CR7.5-TSP-80GV-PS	7.5	230	Single Phase	x	Vertical	175	80	22.6-23.8	3/4"	32x26x75	599
2020040208	CR7.5-TSP-80GV-PS	7.5	460	3 Phase	x	Vertical	175	80	22.6-23.8	3/4"	32x26x75	599
2020040209	CR7.5-TSP-80GV-PS	7.5	575	3 Phase	x	Vertical	175	80	22.6-23.8	3/4"	32x26x75	599

10HP

Part Number	Model	HP	Voltage	Phase	Pro Pack	Tank Type	Max Pressure	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040218	CR10-TSP-120GV-PS	10	200	3 Phase	x	Vertical	175	120	35-35.9	1"	40x30x77	845
2020040226	CR10-TSP-120GH-PS	10	200	3 Phase	x	Horizontal	175	120	35-35.9	1"	72x28x54	845
2020040219	CR10-TSP-120GV-PS	10	230	3 Phase	x	Vertical	175	120	35-35.9	1"	40x30x77	845
2020040227	CR10-TSP-120GH-PS	10	230	3 Phase	x	Horizontal	175	120	35-35.9	1"	72x28x54	845
2020040220	CR10-TSP-120GV-PS	10	460	3 Phase	x	Vertical	175	120	35-35.9	1"	40x30x77	845
2020040228	CR10-TSP-120GH-PS	10	460	3 Phase	x	Horizontal	175	120	35-35.9	1"	72x28x54	845
2020040221	CR10-TSP-120GV-PS	10	575	3 Phase	x	Vertical	175	120	35-35.9	1"	40x30x77	845
2020040229	CR10-TSP-120GH-PS	10	575	3 Phase	x	Horizontal	175	120	35-35.9	1"	72x28x54	845
2020040222	CR10-TSP-120GV-3PH-PPS	10	200	3 Phase	✓	Vertical	175	120	35-35.9	1"	40x30x77	845
2020040230	CR10-TSP-120GH-3PH-PPS	10	200	3 Phase	✓	Horizontal	175	120	35-35.9	1"	72x28x54	845
2020040223	CR10-TSP-120GV-3PH-PPS	10	230	3 Phase	✓	Vertical	175	120	35-35.9	1"	40x30x77	845
2020040231	CR10-TSP-120GH-3PH-PPS	10	230	3 Phase	✓	Horizontal	175	120	35-35.9	1"	72x28x54	845
2020040224	CR10-TSP-120GV-3PH-PPS	10	460	3 Phase	✓	Vertical	175	120	35-35.9	1"	40x30x77	845
2020040232	CR10-TSP-120GH-3PH-PPS	10	460	3 Phase	✓	Horizontal	175	120	35-35.9	1"	72x28x54	845
2020040225	CR10-TSP-120GV-3PH-PPS	10	575	3 Phase	✓	Vertical	175	120	35-35.9	1"	40x30x77	845
2020040233	CR10-TSP-120GH-3PH-PPS	10	575	3 Phase	✓	Horizontal	175	120	35-35.9	1"	72x28x54	845

15HP

Part Number	Model	HP	Voltage	Phase	Pro Pack	Tank Type	Max Pressure	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040238	CR15-TSP-120GH-PS	15	200	3 Phase	x	Horizontal	175	120	51-54.4	1"	70x28x54	870
2020040239	CR15-TSP-120GH-PS	15	230	3 Phase	x	Horizontal	175	120	51-54.4	1"	70x28x54	870
2020040240	CR15-TSP-120GH-PS	15	460	3 Phase	x	Horizontal	175	120	51-54.4	1"	70x28x54	870
2020040241	CR15-TSP-120GH-PS	15	575	3 Phase	x	Horizontal	175	120	51-54.4	1"	70x28x54	870
2020040242	CR15-TSP-120GH-3PH-PPS	15	200	3 Phase	✓	Horizontal	175	120	51-54.4	1"	70x28x54	870
2020040243	CR15-TSP-120GH-3PH-PPS	15	230	3 Phase	✓	Horizontal	175	120	51-54.4	1"	70x28x54	870
2020040244	CR15-TSP-120GH-3PH-PPS	15	460	3 Phase	✓	Horizontal	175	120	51-54.4	1"	70x28x54	870
2020040245	CR15-TSP-120GH-3PH-PPS	15	575	3 Phase	✓	Horizontal	175	120	51-54.4	1"	70x28x54	870

Contractor Series



The CR Contractor Series piston compressor is a cast-iron, splash lubricated, single stage, 135 psi product. All models are equipped with capacitor start or magnetic starter as standard.

Perfect for people that need to take clean, reliable compressed air to their job site, the Contractor Range offers simplicity and reliability in a compact, easy to move package.

Part Number	Model	HP	Voltage	Phase	Tank Type	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
1129740045	CRC2-SS-24GV	2	115	Single Phase	Vertical	23	4.1-4.9	1/4"	20x21x46	150
1129740046	CRC2-SS-23GH	2	115	Single Phase	Horizontal	24	4.1-4.9	1/4"	22x33x33	150
1129740047	CRC2-SS-2x4G	2	115	Single Phase	Horizontal	8	4.1-4.9	1/4"	43x18x23	145
1129740048	CRC3-SS-2x4G	3	230	Single Phase	Horizontal	8	7.6-9.1	1/2"	43x18x25	174
2020040080	CRC3-SS-60GV	3	230	Single Phase	Vertical	60*	7.6-9.1	1/2"	28x23x67	260
2020040081	CRC5-SS-60GV	5	230	Single Phase	Vertical	60*	9.5-11.4	1/2"	28x23x67	271

* 60 gallon versions are stationary only and do not come on wheels

Contractor series does not include electric drain, belt guard, aftercooler, and low oil level switch.

Gas and ECO Ranges



The CR Gas Powered Range is a cast-iron, splash lubricated piston compressor available in a single or two stage model. All models are equipped with a recoil starter/electric starter. They can be base or tank mounted and are perfect for trucks or remote job sites without access to electric power.



Part Number	Model	HP	Tank Type	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
1129740049	CRC5.5-SS-2x4G-HG	5.5	Horizontal	8	9.5-11.4	3/8"	43x18x26	179
2020040090	CR5-OTS-BM - 9 HP Honda Gas Unit	5	N/A	N/A	14.6-15.4	3/4"	37x18x22	415
2020040089	CR5-OTS-30GH - 9 HP Honda Gas Unit	5	Horizontal	30	14.6-15.4	3/4"	42x18x39	515
2020040087	CR7.5-TS-30GH-14KG - 14 HP Kohler Gas	7.5	Horizontal	30	22.6-23.5	3/4"	42x24x41	465
2020040088	CR7.5-TS-30GH-13HG - 13 HP Honda Gas	7.5	Horizontal	30	22.6-23.5	3/4"	41x23x42	465



The CR Piston 'ECO' range offers great value for money for the consumer that is focused on the initial purchase price.

The CR Series piston compressor is a cast-iron, splash lubricated, 2 stage, 175 psi product. All models are equipped with magnetic starter as standard.

Part Number	Model	HP	Voltage	Phase	Tank Type	Tank Gallons	ACFM	Air Outlet	LxWxH (inches)	Weight (lbs.)
2020040082	CR5-OTS-60GV	5	230	Single Phase	Vertical	60	14.5-15.1	3/4"	31x23x71	475
2020040084	CR5-OTS-80GV	5	200	3 Phase	Vertical	80	14.5-15.1	3/4"	31x23x71	554
2020040085	CR5-OTS-80GV	5	230	3 Phase	Vertical	80	14.5-15.1	3/4"	31x23x71	554
2020040083	CR5-OTS-80GV	5	230	Single Phase	Vertical	80	14.5-15.1	3/4"	31x23x71	554
2020040086	CR5-OTS-80GV	5	460	3 Phase	Vertical	80	14.5-15.1	3/4"	31x23x71	554



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