



# Chicago Pneumatic



**CP ROTARY SCREW &  
RECIP AIR COMPRESSORS**

**High-performance products.  
Designed for you !**



RCP-10123H

**FEATURES**

*Standard Models Denoted by "S"*

- Start-Stop Pressure Switch Control
- ASME Safety Valves
- Fully-Enclosed Belt Guard
- Tank Drain and Discharge Valve

*Premium RCP Models*

- Low Oil Switch
- Automatic Tank Drain
- 5 - 7.5 hp Include Triple-pass Pump Mounted Aftercooler
- 10 hp Include Belt Guard Aftercooler



RCP-226VP

**FEATURES**

- Start-Stop Pressure Switch Control
- ASME Safety Valves
- Fully-Enclosed Belt Guard
- Tank Drain and Discharge Valve



RCP-20123D

**FEATURES**

- Alternator (please specify voltage)
- Magnetic Motor Starters (please specify voltage)
- Start-Stop Dual Pressure Switch Control
- 1" Tank Discharge Valve
- Fully-Enclosed Belt Guard
- ASME Tank and Safety Valves

Two Stage Electric Simplex							
Part Number	HP	Model	Tank gal.	Electrics V / Ph.	cfm 100 psi	Mag. Starter	L x W x H inches
8090250617	5	RCP-561VNS	60V	208-230 / 1	15.3	n/a	29 x 20 x 68
8090250620	5	RCP-581VNS	80V	208-230 / 1	15.3	n/a	39 x 24 x 73
8090250674*	5	RCP-381VS	80V	208-230 / 1	18.5	0000052007	39 x 24 x 77
8090250682*	5	RCP-381HS	80H	208-230 / 1	18.5	0000052006	71 x 24 x 49
8090250690*	5	RCP-338VS	80V	208-230 / 3	18.5	0000052011	39 x 24 x 77
8090250690*	5	RCP-338VS4	80V	460 / 3	18.5	0000052009	39 x 24 x 77
8090250716*	5	RCP-338HS	80H	208-230 / 3	18.5	0000052010	71 x 24 x 49
8090250716*	5	RCP-338HS4	80H	460 / 3	18.5	0000052008	71 x 24 x 49
8090250619	5	RCP-581V	80V	208-230 / 1	18.5	Included	39 x 24 x 77
8090250618	5	RCP-581H	80H	208-230 / 1	18.5	Included	71 x 24 x 49
8090250623	5	RCP-583V	80V	208-230 / 3	18.5	Included	39 x 24 x 77
8090250639	5	RCP-583V4	80V	460 / 3	18.5	Included	39 x 24 x 77
8090250621	5	RCP-583H	80H	208-230 / 3	18.5	Included	71 x 24 x 49
8090250638	5	RCP-583H4	80H	460 / 3	18.5	Included	71 x 24 x 49
8090250724	7.5	RCP-7581VS	80V	208-230 / 1	25.3	Included	39 x 24 x 77
8090250732	7.5	RCP-7581HS	80H	208-230 / 1	25.3	Included	71 x 24 x 49
8090250740	7.5	RCP-7583VS	80V	208-230 / 3	25.3	Included	39 x 24 x 77
8090250906	7.5	RCP-7583VS4	80V	460 / 3	25.3	Included	39 x 24 x 77
8090250757	7.5	RCP-7583HS	80H	208-230 / 3	25.3	Included	71 x 24 x 49
8090250914	7.5	RCP-7583HS4	80H	460 / 3	25.3	Included	71 x 24 x 49
8090250626	7.5	RCP-7581V	80V	208-230 / 1	25.3	Included	39 x 24 x 77
8090250625	7.5	RCP-7581H	80H	208-230 / 1	25.3	Included	71 x 24 x 49
8090250629	7.5	RCP-7583V	80V	208-230 / 3	25.3	Included	39 x 24 x 77
8090250641	7.5	RCP-7583V4	80V	460 / 3	25.3	Included	39 x 24 x 77
8090250627	7.5	RCP-7583H	80H	208-230 / 3	25.3	Included	71 x 24 x 49
8090250640	7.5	RCP-7583H4	80H	460 / 3	25.3	Included	71 x 24 x 49
8090250765*	10	RCP-10123VS	120V	208-230 / 3	37.2	0000052005	41 x 30 x 86
8090250765*	10	RCP-10123VS4	120V	460 / 3	37.2	0000052003	41 x 30 x 86
8090250773*	10	RCP-10123HS	120H	208-230 / 3	37.2	0000052004	77 x 26 x 59
8090250773*	10	RCP-10123HS4	120H	460 / 3	37.2	0000052002	77 x 26 x 59
8090250604	10	RCP-10123V	120V	208-230 / 3	37.2	Included	41 x 30 x 86
8090250634	10	RCP-10123V4	120V	460 / 3	37.2	Included	41 x 30 x 86
8090250602	10	RCP-10123H	120H	208-230 / 3	37.2	Included	77 x 26 x 59
8090250633	10	RCP-10123H4	120H	460 / 3	37.2	Included	77 x 26 x 59

\* Order must include part number for compressor and starter

Single Stage Electric Simplex						
Part Number	HP	Model	Tank gal.	Electrics V / Ph.	cfm 100 psi	L x W x H inches
8090250614	2	RCP-220P	20P	115 / 230 / 1	7.1	35 x 20 x 32
8090250615	2	RCP-226VP	26VP	115 / 230 / 1	7.1	26 x 26 x 51
8090250616	3.5	RCP-3561V	60V	208-230 / 1	12.4	30 x 22 x 68

Two Stage Electric Duplex Compressor							
Part Number	HP	Model	Motor Config.	Electrics V / Ph.	cfm 100 psi	Tank gal.	L x W x H inches
8090250600	10	RCP-10121D	2 x 5 HP	208-230 / 1	37.0	120H	77 x 27 x 56
8090250601	10	RCP-10123D	2 x 5 HP	208-230 / 3	37.0	120H	77 x 27 x 56
8090250632	10	RCP-10123D4	2 x 5 HP	460 / 3	37.0	120H	77 x 27 x 56
8090250610	15	RCP-15121D	2 x 7.5 HP	208-230 / 1	50.5	120H	77 x 27 x 56
8090250611	15	RCP-15123D	2 x 7.5 HP	208-230 / 3	50.5	120H	77 x 27 x 56
8090250635	15	RCP-15123D4	2 x 7.5 HP	460 / 3	50.5	120H	77 x 27 x 56
8090250807	15	RCP-15201D	2 x 7.5 HP	208-230 / 1	50.5	200H	86 x 32 x 62
8090250815	15	RCP-15203D	2 x 7.5 HP	208-230 / 3	50.5	200H	86 x 32 x 62
8090250922	15	RCP-15203D4	2 x 7.5 HP	460 / 3	50.5	200H	86 x 32 x 62
8090250612	20	RCP-20123D	2 x 10 HP	208-230 / 3	74.5	120H	77 x 27 x 63
8090250636	20	RCP-20123D4	2 x 10 HP	460 / 3	74.5	120H	77 x 27 x 63
8090250613	20	RCP-20203D	2 x 10 HP	208-230 / 3	74.5	200H	86 x 32 x 69
8090250637	20	RCP-20203D4	2 x 10 HP	460 / 3	74.5	200H	86 x 32 x 69



RCP-1330G

Two Stage Gasoline Drive						
Part Number	HP	Model	Engine	cfm 100 psi	Tank gal.	L x W x H inches
8090250631	9	RCP-930G	Robin	16.0	30H	45 x 19 x 38
8090250606	10	RCP-1030G	Intek	16.0	30H	45 x 19 x 38
8090250607	11	RCP-1130G	Honda	18.5	30H	45 x 19 x 45
8090250823	12.75	RCP-1230GK	Kohler	18.5	30H	45 x 19 x 45
8090250608	12.75	RCP-1230G	Kohler	25.3	30H	45 x 19 x 45
8090250609	13	RCP-1330G	Honda	25.3	30H	45 x 19 x 45

### FEATURES

- 12 Volt Electric Start and Recoil Start
- Start Key / Panel
- Oil Monitor
- Engine Slowdown (Pilot Valve)
- Fully Enclosed Belt Guard
- EZ Pull Tank Drain
- ASME Tank and Safety Valves
- 3/4" Tank Discharge Valve

Single Stage Electric Contractor Series							
Part Number	HP	Model	Amps	Electrics V / Ph.	cfm 100 psi	Tank gal.	L x W x H inches
8090250831	1.5	RCP-1530	14	115 / 1	5.4	2 x 4	46 x 23 x 26
8090250849	2	RCP-2030	19 / 9.5	115 / 230 / 1	6.5	2 x 4	46 x 23 x 26

### FEATURES

- Start-Stop Pressure Switch Control
- Fully Enclosed Belt Guard
- Tank Drains and Discharge Valve



RCP-2030

Single Stage Gasoline Drive Contractor Series							
Part Number	HP	Model	Engine	Starter	cfm 100 psi	Tank gal.	L x W x H inches
8090250856	5.5	RCP-5530	Honda	Recoil	12.4	2 x 4	46 x 23 x 26
8090250864	6	RCP-6030	Robin	Recoil	12.4	2 x 4	46 x 23 x 26



RCP-908H

Two Stage Gasoline Drive Contractor Series							
Part Number	HP	Model	Engine	Starter	cfm 100 psi	Tank gal.	L x W x H inches
8090250872	9	RCP-908R	Robin	Recoil	18.6	2 x 5	50 x 29 x 37
8090250880	9	RCP-908H	Honda	Recoil	18.6	2 x 5	50 x 29 x 37
8090250898	12.75	RCP-128-I	Kohler	Elec & Recoil	25.3	2 x 5	50 x 29 x 37

### FEATURES

- Engine Slowdown (Pilot Valve)
- Engine Oil Protection
- Fully Enclosed Belt Guard Tank Drains and Discharge Valve
- ASME Tank and Safety Valves



RCP-581VQP

QP - Quiet Performance Series				
Model	RCP581VQP	RCP583VQP	RCP7581VQP	RCP7583VQP
HP	5	5	7.5	7.5
acfm @ 100 psig	18.5	18.5	25.3	25.3
acfm @ 175 psig	16.6	16.6	22.3	22.3
Max Pressure	175	175	175	175
Voltage/Phase	208-230/1	208-230/3	208-230/1	208-230/3
Sound Level (dBA)	66	66	69	69
Length (in)	38.2	38.2	38.2	38.2
Width (in)	24.3	24.3	24.3	24.3
Height (in)	80	80	80	80
Shipping Weight	527	513	549	537

### FEATURES

- Low Sound Enclosure
- Low Oil Level Protection
- Automatic Tank Drain
- Magnetic Starter
- Cast Iron Cylinder
- 80 Gallon Vertical ASME/CRN Tank
- 100% Factory Tested at Full Pressure
- High Temperature Shut Down

## QRS SERIES - 3 TO 15 HP BELT DRIVE ROTARY SCREW AIR COMPRESSOR



MODEL	QRS 3.0	QRS 5.0	QRS 7.5	QRS 10	QRS 15	
HP	3	5	7.5	10	15	
acfm @ 125 psig	N/A	N/A	N/A	37	52	
acfm @ 150 psig	8.5	16.6	21.2	33	47	
Max Pressure	150	150	150	128/150	128/150	
Sound Level (dBA)	61	62	64	66	68	
Length (in.)	56	56	56	73	73	
Width (in.)	22	22	22	24	24	
Height (in.)	50	50	50	58	58	
Net Wt. (lbs)/ Shipping Wt. (lbs)	HP (w/o dryer)	463/485	463/485	468/490	775/845	815/885
	HPD (w/ dryer)	543/565	543/565	548/570	850/920	890/960

### FEATURES

- Low Sound Enclosure
- 150 psig Standard (125 psig available 10-15 hp)
- Continuous Operating Capability
- Across-The-Line Motor Starter
- ASME/CRN Receiver Tank
- Tri-Voltage, TEFC Motor
- UL and UL-C Approved Control Panel
- 60 gal. Receiver (3 - 7.5 hp)
- 120 gal. Receiver (10-15 hp)



### FEATURES

- Low Sound Enclosure
- 100-175 psig
- Continuous Operating Capability
- Space Saving Design, <12 sq. ft.
- Maintenance <15 minutes
- Wye-Delta, Reduced Voltage Start
- ES3000 Electronic Microprocessor
- Tri-Voltage, TEFC Motor
- Load/No Load With Timed Shutdown

## QRS SERIES - 20 TO 30 HP BELT DRIVE ROTARY SCREW AIR COMPRESSOR

MODEL	QRS-20	QRS-25	QRS-30	
HP	20	25	30	
acfm @ 100 psig	85	105	124	
acfm @ 125 psig	80	100	117	
acfm @ 150 psig	71	90	104	
Sound Level (dBA)	66	69	71	
Length (in.)	47	47	47	
Width (in.)	32	32	32	
Height (in.)	48	48	48	
Net Wt. (lbs)/ Shipping Wt. (lbs)	HP (w/o dryer)	781	825	860
	HPD (w/ dryer)	1301	1345	1380

## CPC SERIES - 40 TO 60 HP BELT DRIVE ROTARY SCREW AIR COMPRESSOR



### FEATURES

- Low Sound Enclosure
- 100-175 psig\*
- Whisper Quiet Operation
- Rapid, Single-Panel Maintenance
- Wye-Delta, Reduced Voltage Start
- Electronic Microprocessor Control
- 230/460V, TEFC Motor
- Price-Performance Leader

MODEL	CPC-40	CPC-50	CPC-60
HP	40	50	60
acfm @ 100 psig	180	227	281
acfm @ 125 psig	164	202	246
acfm @ 150 psig	149	180	219
Sound Level (dBA)	69	70	71
Length (in.)	43	43	43
Width (in.)	55	55	55
Height (in.)	61	61	61
Base Weight (lbs)	1532	1576	1742

## CPE/CPF SERIES - 75 TO 200 HP GEAR DRIVE ROTARY SCREW AIR COMPRESSOR



MODEL	CPE-75	CPE-100	CPE-125	CPE-150	CPF-175	CPF-200
HP	75	100	125	150	175	200
acfm @ 100 psig	374	517	566	687	871	999
acfm @ 125 psig	334	455	528	615	752	911
acfm @ 150 psig	N/A	410	504	561	672	822
Sound Level (dBA)	65	66	71	75	72	73
Length (in.)	75	88	88	88	105	112
Width (in.)	37	42	42	42	59	63
Height (in.)	69	63	63	63	76	78
Base Weight (lbs)	3153	3307	3583	3990	5655	6239

### FEATURES

- Low Sound Enclosure
- 100-175 psig\*
- Whisper Quiet Operation
- Price-Performance Leader
- Wye-Delta, TEFC Motor
- Electronic Microprocessor Control
- 230/460V (75-100 hp), 460V (125+ hp)
- Low Power Consumption

\* CPE-75 available 100-125 psig





## CPVS SERIES - 20 TO 250 HP VARIABLE SPEED DRIVE ROTARY SCREW AIR COMPRESSOR

MODEL	CPVS-20	CPVS-25	CPVS-30	CPVS-40	CPVS-50	CPVS-60
HP	20	25	30	40	50	60
Min-Max acfm @ 100 psig	22 - 89	30 - 112	35 - 130	52 - 195	52 - 234	55 - 280
Sound Level (dBA)	64	67	69	65	66	67
Length (in.)	47	47	47	75	75	75
Width (in.)	32	32	32	37	37	37
Height (in.)	48	48	48	69	69	69
Base Weight (lbs)	867	887	922	1874	1995	2227

### FEATURES

- Low Sound Enclosure
- 60-145 psig
- 20-100% Capacity
- Networking Capability
- Soft Start Operation
- ES3000 Electronic Microprocessor (20-30 hp)
- Airlogic Electronic Microprocessor (40-250 hp)
- 460V, TEFC Motor
- Heavy Duty, 2-Stage Pre-Filtration

MODEL	CPVS-75	CPVS-100	CPVS-125	CPVS-150	CPVS-200	CPVS-250
HP	75	100	125	150	200	250
Min-Max acfm @ 100 psig	88 - 342	90 - 518	126 - 576	152 - 673	180 - 937	173 - 1071
Sound Level (dBA)	70	66	71	75	72	74
Length (in.)	75	88	88	88	110	117
Width (in.)	37	42	42	42	59	64
Height (in.)	69	63	63	63	76	79
Base Weight (lbs)	2227	3417	3649	4101	6614	7826



## CPG SERIES - 375 to 475 HP

### GEAR DRIVE ROTARY SCREW AIR COMPRESSORS

### FEATURES

- Fully enclosed compressor package
- Microprocessor control with timed shutdown
- Low sound levels
- Wye-Delta, TEFC motor
- Available in 460V and 4160V
- Water-cooled operation
- Rapid maintenance from hinged access panels
- Small footprint saves vital production space

Model	CPG-380	CPG-450	CPG-480
HP	375	422	475
acfm @125 psig	1750	1954	N/A
acfm @150 psig	1528	1747	1947
acfm @175 psig	N/A	1520	1739
Sound level (dBA)	77	78	80
Length (in.)	175	175	175
Width (in.)	84	84	84
Height (in.)	91	91	91
Approx. Weight (lbs.)	14471	14671	14871

## CPG CONTROLLER



### FEATURES

- Four Line LCD Display
- Operating pressure and temperature
- Adjustable set points
- Service 7 shutdown messages
- Alarm messages
- Shutdown messages
- LCD readouts available in several languages
- Control and Regulation
- Programmable start/stop
- Automatic and manual load/unload
- Controlled stop
- Emergency stop

## ES3000 CONTROLLER



### FEATURES

- Bright LEDs display running hours, pressure, flow and temperatures
- Red-Yellow-Green lights indicate compressor condition
  - Blinking = condition in progress
  - Solid = condition has occurred
- Maintenance indicators automatically illuminate
- Remote monitoring capability
- Signals any eventual malfunction in progress
- Stops the compressor due to alarm in progress
- Networking capability for 6 compressors
  - At least 3 must be equipped with ES3000
  - Another 3 can be other microprocessor-based controllers

## AIR LOGIC CONTROLLER



### FEATURES

- Built-in compressor protection
- Built-in energy savings calculator
- Acts as a master controller
- Up to 4 electronically-controlled compressors
- Can control competitive controllers
- 3 of 25 languages
- Dynamic 4 x 16 character display
- Standard CANBUS protocol
- Accurate pressure control (VSD)
- Records fault history for easy diagnosis
- Delayed second stop
- Dual pressure setting for multiple shifts
- Remote monitoring capability



## Over 100 years of experience

Since 1901 the Chicago Pneumatic name has represented high-performance tools and equipment designed for an extensive range of applications. Today, Chicago Pneumatic has a global reach, with local customer centers around the world. Chicago Pneumatic tools and air compressors are tailored to the needs of the industrial, vehicle service, and construction markets. Every day we develop and manufacture new products that are meant to meet your demands not only today, but tomorrow as well.

To learn more about our extensive range of tools, hydraulic attachments, industrial and portable compressors, accessories and workshop equipment, please visit [www.cp.com](http://www.cp.com).

CP Compressors is supported by a network of trained service centers who can provide complete warranty support, spare parts and technical consultation. For more information on our compressed air products, please contact your local authorized CP Compressor distributor or representative.



## Original parts. Your quality assurance.

The "original part" identification confirms that these components passed our strict test criteria. All parts are designed to match the compressor and are approved for use on the specified compressor. They have been thoroughly tested to obtain the highest level of protection, extending the compressors' lifetime and keeping the cost of ownership to an absolute minimum. No compromises are made on reliability. The use of "original part" certified quality components helps ensure reliable operation and will not impact the validity of your warranty, unlike other parts. Look for your quality assurance.

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