

CPRS

Silent Professional Piston Compressors - 1.5-7.5 kw/2-10 hp



People.
Passion.
Performance.



Chicago
Pneumatic

CPRS: your work floor companion

The Chicago Pneumatic CPRS combines performance with comfort like no other piston compressor. Ultra-quiet and easy to use, the CPRS gives you reliable and powerful pneumatic support right on your work floor. With a power range from 2 to 10 hp, and flexible options for air storage and treatment, a CPRS model is always available to fit your needs.



EXTRA QUIET

Optimized canopy design minimizes sound levels.



EASY TO USE

Intuitive control panel with pressure gauge and hour counter.



COMPACT

All-in-one design reduces the unit's footprint.



The integrated quality air solution

If you need dry, high-quality air, the CPRS series is available with an integrated refrigerant dryer for a compact all-in-one solution.



A flexible go-getter

Strong performance

The CPRS packs a punch in a small frame. Its new pump was designed to give you a strong, energy-efficient performance and superior reliability. A dedicated cooling fan ensures smooth operation, even in hot and dusty conditions.



Flexible storage

To ensure stable air delivery, the CPRS offers a range of air storage options. For those with limited space, the floor-mounted unit comes with an integrated 27-liter air vessel. If you need more storage, tank-mounted models are available with 270-liter or 500-liter vessels.

Always dependable

When you have things to do, you can't afford your compressor to break down. The CPRS's high-efficiency piston pump with low rotation speed delivers exceptional reliability and a long lifetime.



The right CPRS to meet your needs

CPRS 227-327

2-3 HP / 1.5-2.2 KW

- Extra quiet for comfortable work floor operation.
- Easy to operate and maintain.
- Integrated 27-liter air vessel ensures a stable air supply.
- Built for safety with fire-proof insulating foam and metal belt guard.
- Ideal for small pneumatic jobs.

CPRS 3100 / CPRS 5500

3-5 HP / 2.2-4 KW

- New NS31 pump delivers increased performance and reliability.
- Canopy was designed specifically to minimize sound.
- Available in floor-mounted and tank-mounted (270 and 500-liter) models.
- All-in-one design reduces the unit's footprint.
- Ideal for automotive service stations.

CPRS 60 / CPRS 10500

5.5-10 HP / 4-7.5KW

- Flexible air storage options with floor-mounted and tank-mounted (270 and 500-liter) models.
- Heavy-duty cooling system with dedicated fan for dependable operation in all conditions.
- Can be outfitted with integrated dryer for an all-in-one quality air solution.
- Ideal for workshops and carpentry shops.

CPRS Silent Professional Piston Compressors

CPRS 227-327



EXTRA QUIET



COMPACT



EASY TO USE



INTEGRATED VESSEL



IMPROVED RELIABILITY



DESCRIPTION	POWER	PRESSURE	PUMP	PUMP RPM	DISPLACEMENT	VESSEL	NOISE	VOLTAGE	DIMENSIONS	WEIGHT	OUTLET
	HP	bar	Type	Min ⁻¹	l/min	L.	Lp(4m)	V / ph / Hz	L x W x H	KG	Connection
CPRS 227 NS12 FS	2	10	NS12S	1075	255	27	61	230/1/50	735x430x845	86	1/4" G
CPRS 227 NS12 FT	2	10	NS12S	1075	255	27	61	400/3/50	735x430x845	86	1/4" G
CPRS 327 NS12S FS	3	10	NS12S	1350	320	27	62	230/1/50	735x430x845	87	1/4" G
CPRS 327 NS12S FT	3	10	NS12S	1350	320	27	62	400/3/50	735x430x845	87	1/4" G



CPRS 3100 / CPRS 5500



HIGH PERFORMANCE



EXTRA QUIET



FLEXIBLE STORAGE



COMPACT



IMPROVED RELIABILITY

DESCRIPTION	POWER	PRESSURE	PUMP	PUMP RPM	DISPLACEMENT	VESSEL	NOISE	VOLTAGE	DIMENSIONS	WEIGHT	OUTLET
	HP	bar	Type	Min ⁻¹	l/min	L.	Lp(4m)	V / ph / Hz	L x W x H	KG	Connection
CPRS 3100 NS19S FM	3	3	NS19S	1050	393	100	65	230/1/50	1002x1227x580	220	1/2" G
CPRS 3100 NS19S FT	3	3	NS19S	1050	393	100	65	400/3/50	1002x1227x580	220	1/2" G
CPRS 3270s NS19S FM	3	3	NS19S	1050	393	270	65	230/1/50	1522x580x1242	248	1/2" G
CPRS 3270s NS19S FT	3	3	NS19S	1050	393	270	65	400/3/50	1522x580x1242	248	1/2" G
CPRS 3270 NS31 FM	3	3	NS31	1050	444	270	65	230/1/50	1522x580x1242	248	1/2" G
CPRS 3270 NS31 FT	3	3	NS31	1050	444	270	65	400/3/50	1522x580x1242	248	1/2" G
CPRS 40 NS31 FT	4	4	NS31	1300	553	0	69	400/3/50	750x580x710	170	3/4" G
CPRS 4270 NS31 FT	4	4	NS31	1300	553	270	69	400/3/50	1522x580x1242	248	1/2" G
CPRS 50 NS31 FT	5	5	NS31	1400	598	0	69	400/3/50	750x580x710	170	3/4" G
CPRS 5270 NS31 FT	5	5	NS31	1400	598	270	69	400/3/50	1522x580x1242	248	1/2" G
CPRS 5500 NS31 FT	5	5	NS31	1400	598	500	69	400/3/50	1937x600x1348	274	3/4" G



CPRS 60 / CPRS 10500



HIGH PERFORMANCE

EXTRA QUIET

FLEXIBLE STORAGE

COMPACT

QUALITY AIR

DESCRIPTION	POWER	PRESSURE	PUMP	PUMP RPM	DISPLACEMENT	VESSEL	NOISE	VOLTAGE	DIMENSIONS	WEIGHT	OUTLET
	HP	bar	Type	Min ⁻¹	l/min	L	Lp(4m)	V / ph / Hz	L x W x H	KG	Connection
CPRS 60 NS39 FT	5	11	NS39	1010	660	0	65	400/3/50	1000x741x955	153	3/4" G
CPRS 60 NS39 FT Y	5	11	NS39	1010	660	0	65	400/3/50	1000x741x955	157	3/4" G
CPRS 6270 NS39 FT	5	11	NS39	1010	660	270	65	400/3/50	1517x741x1487	220	1/2" G
CPRS 6270 NS39 FT Y	5	11	NS39	1010	660	270	65	400/3/50	1517x741x1487	224	1/2" G
CPRS 6500 NS39 FT	5	11	NS39	1010	660	500	65	400/3/50	1943x741x1593	253	3/4" G
CPRS 6500 NS39 FT Y	5	11	NS39	1010	660	500	65	400/3/50	1943x741x1593	257	3/4" G
CPRS 6500 NS39 FT DRYER	5	11	NS39	1010	660	500	65	400/3/50	1943x767x1596	265	3/4" G
CPRS 6500 NS39 FT Y DRYER	5	11	NS39	1010	660	500	65	400/3/50	1943x767x1596	269	3/4" G
CPRS 80 NS39 FT	7	11	NS39	1140	750	0	68	400/3/50	1000x741x955	229	3/4" G
CPRS 80 NS39 FT Y	7	11	NS39	1140	750	0	68	400/3/50	1000x741x955	235	3/4" G
CPRS 8500 NS39 FT	7	11	NS39	1140	750	500	68	400/3/50	1943x741x1593	355	3/4" G
CPRS 8500 NS39 FT Y	7	11	NS39	1140	750	500	68	400/3/50	1943x741x1593	361	3/4" G
CPRS 8500 NS39 FT DRYER	7	11	NS39	1140	750	500	68	400/3/50	1943x767x1596	367	3/4" G
CPRS 8500 NS39 FT Y DRYER	7	11	NS39	1140	750	500	68	400/3/50	1943x767x1596	371	3/4" G
CPRS 100 NS59 FT	10	11	NS59	810	1020	0	66	400/3/50	1000x741x955	248	3/4" G
CPRS 100 NS59 FT Y	10	11	NS59	810	1020	0	66	400/3/50	1000x741x955	254	3/4" G
CPRS 10500 NS59 FT	10	11	NS59	810	1020	500	66	400/3/50	1943x741x1593	399	3/4" G
CPRS 10500 NS59 FT Y	10	11	NS59	810	1020	500	66	400/3/50	1943x741x1593	411	3/4" G
CPRS 10500 NS59 FT DRYER	10	11	NS59	810	1020	500	66	400/3/50	1943x767x1596	415	3/4" G
CPRS 10500 NS59 FT Y DRYER	10	11	NS59	810	1020	500	66	400/3/50	1943x1593x738	513	3/4" G

YD = star-delta start T = integrated refrigerant dryer



Since 1901 the Chicago Pneumatic name has represented reliability and attention to customer needs, with construction, maintenance and production tools and compressors designed for specific industrial applications. Today, Chicago Pneumatic has a global reach, with local distributors around the world.

Our people start every single day with a passion to research, develop, manufacture and deliver new products that are meant to meet your needs not only today, but tomorrow as well. To learn more, visit www.cp.com.

For more information, please contact your CP partner:

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Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.