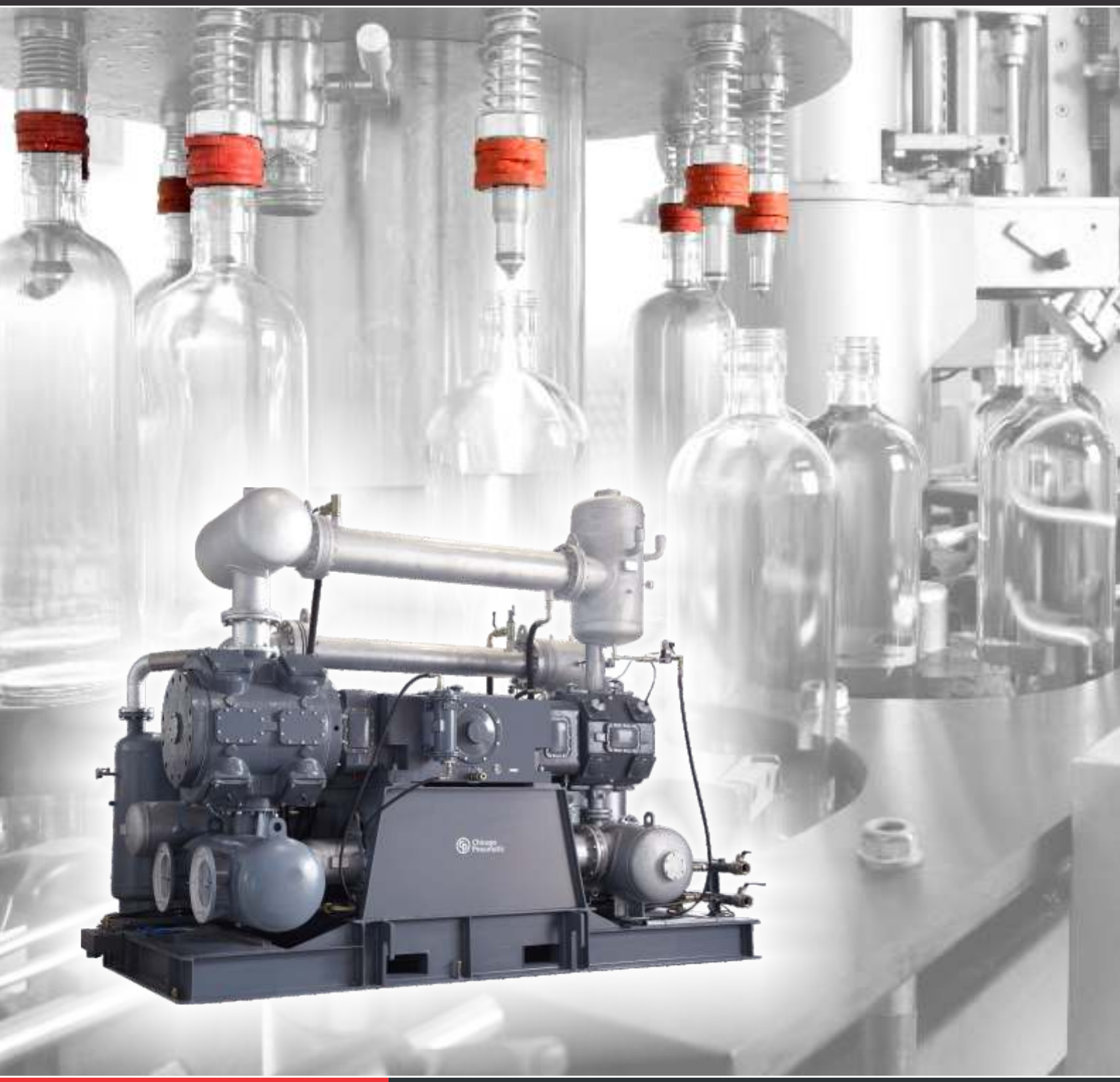
Chicago Pneumatic



PET Compressors

People. Passion. Performance.

QUALITY

ENERGY EFFICIENT

INCREASED PRODUCTIVITY

LOW COST OF OWNERSHIP

YOUR PET BUSINESS PARTNER

Compressed air is a vital resource in your PET blow moulding operation.
An interruption in the air supply leads to loss of product, expensive delays and costly restarts. The smallest contamination from unwanted particles can corrupt your product quality and affect the performance of products.

On the other hand, you don't want to worry about air. It just has to be there, around the clock, in the right flow, pressure and quality. You want to concentrate on your business, and more importantly, on a sound bottom line.

As a leader in compressed air technology, Chicago Pneumatic Compressors understands your needs and has put its experience of more than a century to work for your profitability.

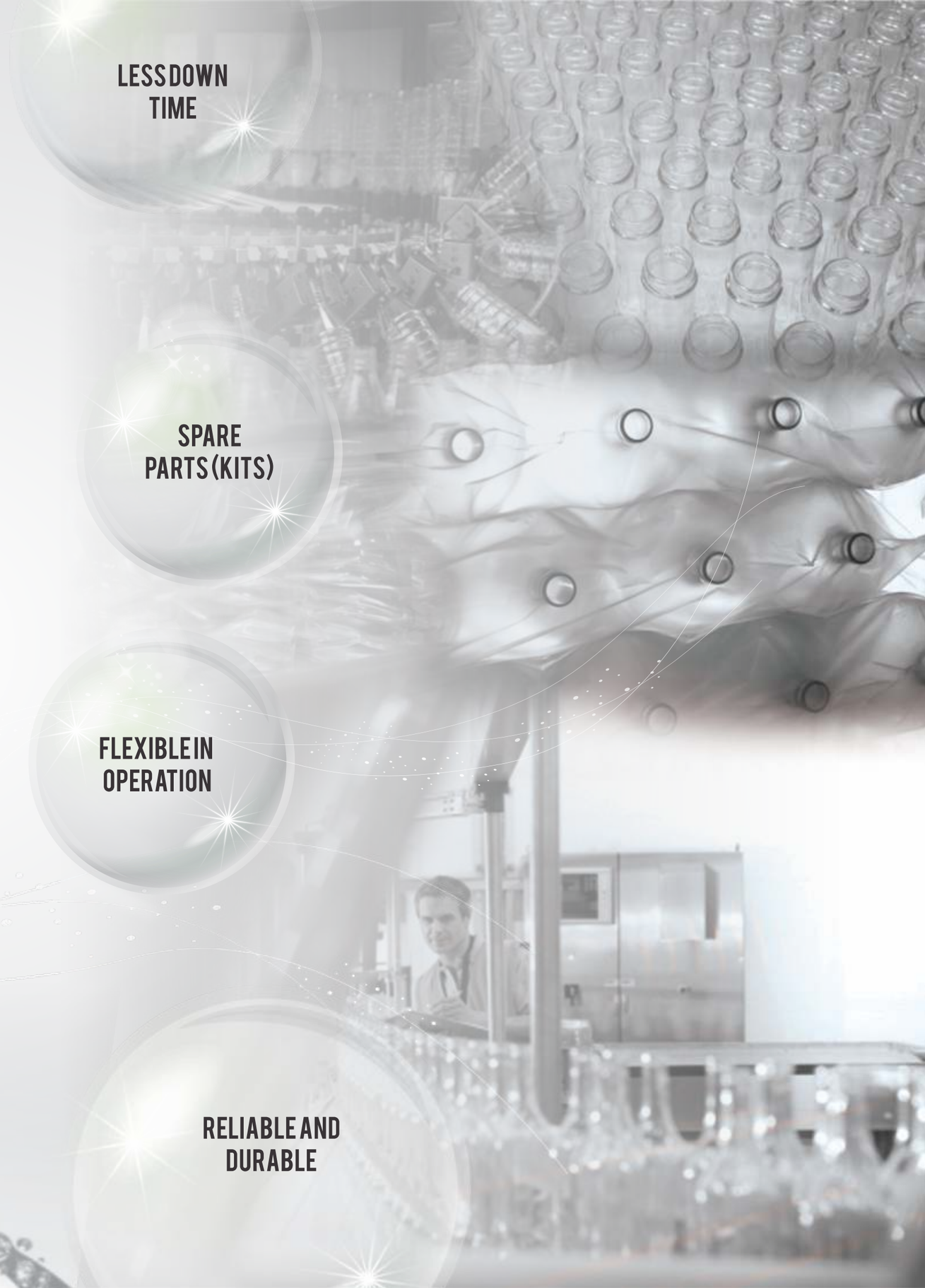
A professional service organization across the globe will ensure your optimum productivity and reliability of machines round the clock.

LESS DOWN TIME

SPARE PARTS (KITS)

FLEXIBLE IN OPERATION

RELIABLE AND DURABLE



Benefits

100% Oil Free Air

Oil free cylinders with PTFE piston rings and bearings for extended life.

Extra Long Distance Piece, ensure separation of Oil from Compression chamber

Total Productivity - Round The Clock Operation

Proven Piston Technology, Robust 3 stage compression design

In built Local Control Panel & Integrated VSD

Low Installation Cost

Factory Fitted Air/Water interconnection with Control Panel

All Components on common base plate

Low Maintenance Cost

Standardization of parts, Easy & faster Availability

Easy maintenance and easy access to every subpart

High Service Integrity

Trained & Experience resources close to customer

High Level of Service Integrity to optimize productivity of customer

Optimize Power with IVR

Energy Savings & Flexibility with CP Tronic Mark IV controller

Integrated factory fitted VFD

Horizontal Balanced Opposed Design

Highly power efficient, low reciprocating masses with lower inertia loads and lesser friction

Compact, Small Foot Prints, Easy to Install.



Chicago Pneumatic compressors are designed to provide economical and efficient solution to maximize productivity.

The components have been selected to assure optimal quality and reliability. Though the foot print is reduced, the performance is guaranteed.

As the undisputed market leader, with thousands of installed units, Chicago Pneumatic has an unmatched quality which you can rely on, for years and years.

P03 to P10
55 - 196 Cfm
18 kw To 55 kw



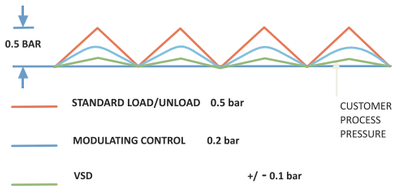
P19 to P27
300 -720 cfm/8.49 to 20.39 m3/min
90 to 200 kw



P37 to P52
960 -1519 cfm/27.18 to 43.01 m3/min
250 to 400 kw

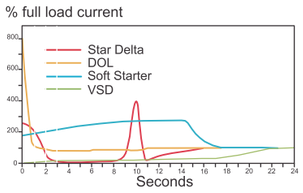


IVR Panel



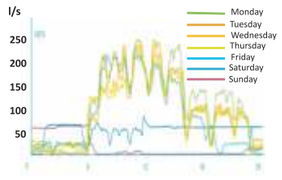
Constant Outlet Pressure

The output pressure is virtually constant over a wide capacity range (narrow pressure band within 0.1 bar) or if your power supply is not steady. This optimizes energy consumption and ensures high process stability when the air demand fluctuates.



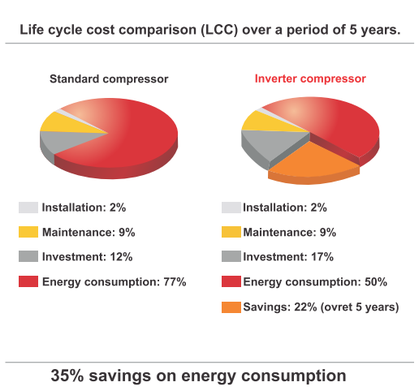
Low Starting Current

With VSD technology, there is no current peak at start-up. The starting current is equal to the nominal current during the start-up phase. This eliminates the need to oversize your equipment to absorb peaks.



A High and Stable Power Factor

Regardless of the flow variation, the power factor remains constant at a high value (Cos Phi 0.99). This means that no additional investment needs to be made to correct the power factor, and penalties from the utility company can be avoided.





Reliability

Cp Valves – Suited for Annual One Time Shut-down Maintenance



Specifically designed and adopted exclusively for CP compressors, they ensure uninterrupted operation and long service life. As a result, you only need an annual shut-down for maintenance.

Manufactured on computerised SPMs, the perfect concentricity and flatness provides close tolerances and ensures an aerodynamic flow for low resistance. All of which means higher reliability, least valve losses & power savings.

Light Weight Pistons



Result in lesser inertia forces resulting in increased power savings.

One Piece Bearing Suited for Near Life Time Operation



Shrunk fit bearings ensure proper alignment & clearance thereby reducing wear and tear. They have very high load bearing capacity. Ideally suited for short stroke & higher speed piston compressors. Very high reliability & hardly needs replacement.

Piston and Rider Rings



The ceramic filled teflon piston and rider rings are higher wear resistant and hence have longer life. The endless type construction for rider rings give it flexibility to rotate in 120 degrees increasing life by 200%.

Cross-slide

Crossheads with wide guidesto ensure perfect guiding.



Longer life of wearing parts

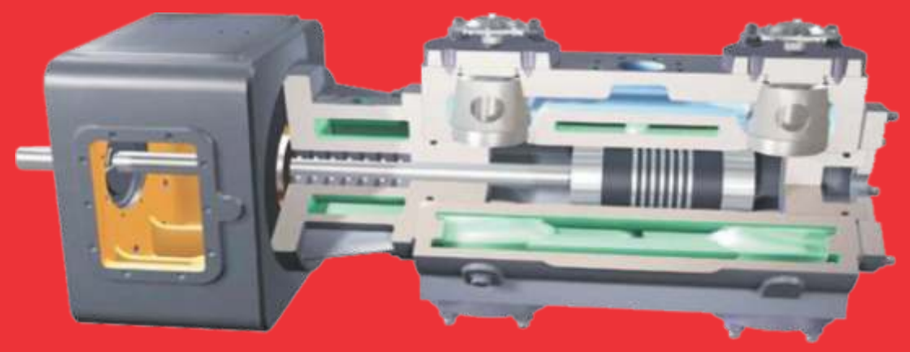
Extended lifetime of piston rings

Powerful cooling and low operating temperatures

Efficient air flow arrangement

Reliable piston/rod connection

Higher overall reliability



Control Panel



Comprehensive monitoring through a PLC based interactive control panel which protects the Compressor with built-in warning & shutdown functions.

It helps to make maintenance management easier by giving prior indications of service requirements, and also to plan maintenance interventions in advance.

It also helps to assess the actual load on the compressor to optimize your compressor usage thus enabling you to decide the right size of compressor for your future expansion plans.

Controller



Total Monitoring and Supervision by Electronic Mark IV Controller

Energy Saving Compressor Management
Full Integration with VSD
Fault history enable fast diagnosis
Programmable start and stop timer
Intelligent Protection
Warning and maintenance indications
Multi lingual selection program

Air Dryer



High Pressure Refrigerated Dryer

Pressure Dew Point of 3 Degree C (25 Degree F)

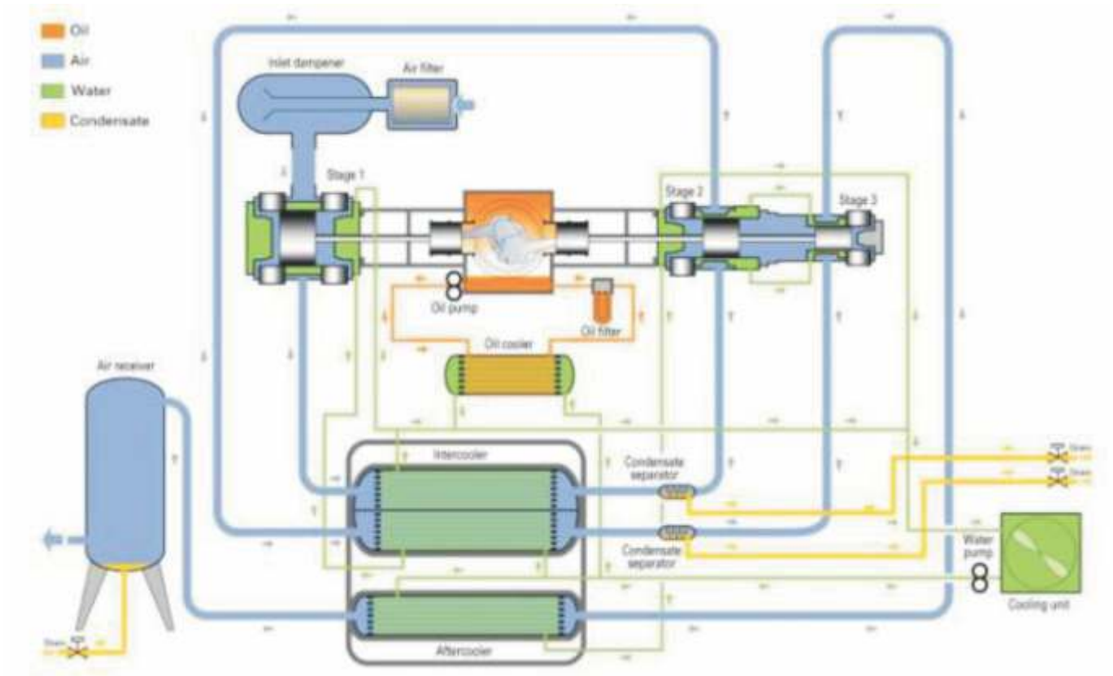
Environment Friendly Refrigerant

Designed for nominal pressure range of 25 to 42 Bar

High Efficiency Micro Filter :- Filtration up to 0.01 micron



Air / Oil circuit



Technical Data

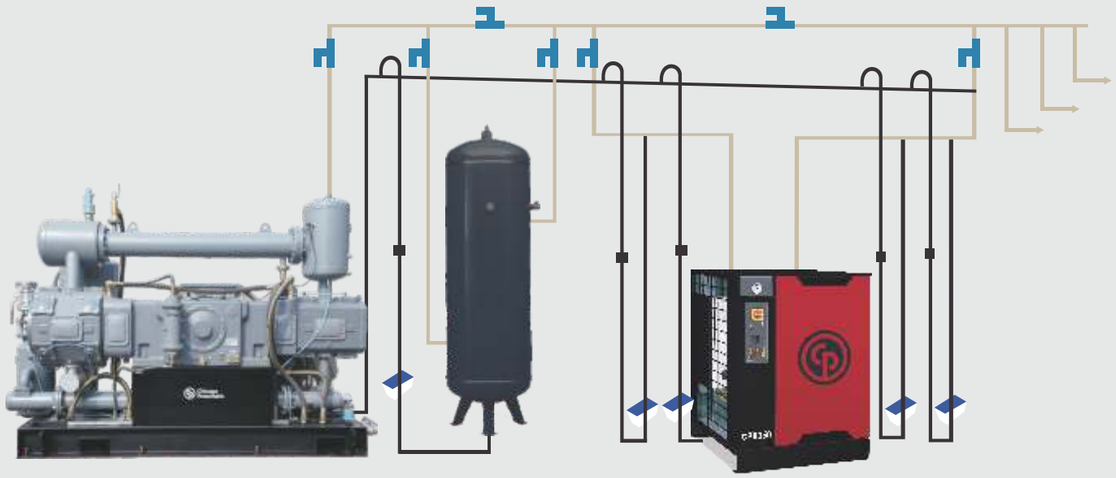
Chicago Pneumatic High Pressure Air Compressed system are specifically designed to suit applications requiring OIL FREE COMPRESSED AIR delivering Capacity from 55 cfm to 1519 cfm at discharge pressure range of 25 bar to 42 Bar.

Model	Max Working Pressure		Capacity*			Installed Motor Power	
	Bar	psi	l/s	m3/min	cfm	Kw	HP
30P03-25	24 ~ 32	348 ~ 464	26	1.56	55	18	25
30P05-40	24 ~ 32	348 ~ 464	54	3.23	114	30	40
35P08-60	24 ~ 32	348 ~ 464	73	4.39	155	45	60
40P05-50	35 ~ 42	508 ~ 609	54	3.23	114	37	50
40P10-60	35 ~ 42	508 ~ 609	73	4.39	155	45	60
40P10-75	35 ~ 42	508 ~ 609	93	5.55	196	55	75
40P19-120	35 ~ 42	508 ~ 609	142	8.49	300	90	120
40P20-180	35 ~ 42	508 ~ 609	192	11.52	407	132	180
40P22-215	35 ~ 42	508 ~ 609	242	14.50	512	160	215
40P27-270	35 ~ 42	508 ~ 609	340	20.39	720	200	270
40P37-335	35 ~ 42	508 ~ 609	453	27.18	960	250	335
40P52-540	35 ~ 42	508 ~ 609	717	43.01	1519	400	540

(*) FAD and Power Tolerance as per BS - 1571 latest edition

* The above performances are given at sea levels.

Typical Layout



Service Integrity



We Value Good Service To Ensure Customer Satisfaction !!!

At Chicago Pneumatic, it is our constant endeavour to provide you with the best equipment and service solutions. Our compressors are supported by a network of trained service technicians and dealers who provide complete service support and ensure spare parts availability. They are available for any technical consultation to optimize the performance of your equipment and ensure reliable operation. With a wide network spread across the country, we are never too far away, to help you solve your problems. Anytime, Anywhere.

We value your feedbacks and endeavour to continuously improve our products and services.

24 7 Service ahead of time.

Original parts. Your quality assurance.

ORIGINAL PART

Chicago Pneumatic: full offer, global presence



Dryer



CPVS



CPE



Piston



PET





Chicago Pneumatic Compressor
Sveanagar, Mumbai Pune Highway, Dapodi,
Pune - 411012 Maharashtra, India
Phone : + (91)-(20) 39852083 / 39852091

ORIGINAL PART

Design Manufacture,Sales and Service of air compressors, Air dryers and air filters

ISO 9001
Chicago Pneumatic's Environmental Management System forms an integral part of each business process.

ISO 14001
ISO 14001 EMS forms integral part of each business process.

Regional Customer Centres

BRANCH	ADDRESS	SALES	SERVICE	EMAIL
WEST	Rushabh, II Floor, Near American Heart Institute, Ghodbunder Road, Thane (W) 400601	93241 74565	93256 36552	sales.west@cp.com service.west@cp.com
NORTH	Unitech Business Park, Tower - A, First Floor, Block - F, Sector -41, South City -I ,Gurgaon - 122001	93124 06866	93124 17744	sales.north@cp.com service.north@cp.com
EAST	Trinity Plaza, 2nd Floor, East Wing, 84/1A, Topsia Road, (South) Kolkata 700 046	93322 90559	93322 91224	sales.east@cp.com service.east@cp.com
CENTRAL	4th Floor, Block A, Amsri Shamira Building, Old Lancer Lines, Secunderabad 500 025	93900 38582	93924 06641	sales.central@cp.com service.central@cp.com
SOUTH	No.1-A, Kushal Garden, Peenya Industrial Area, Peenya 2nd Phase, Bangalore - 560 058	93677 87070	93421 44450	sales.south@cp.com service.south@cp.com

Area offices : Ahmedabad, Baroda, Chandigarh, Chennai, Pune
Resident Offices : Coimbatore, Erode, Kochi, Jaipur, Raipur, Vizag

Dealer Representation at :

- Ahmedabad • Aurangabad • Bangalore • Baroda • Bhubaneswar • Belgaum • Bellari
- Bhopal • Chandigarh • Chennai • Cochin • Coimbatore • Dehradun • Delhi • Durgapur
- Faridabad • Gandhidham • Gurgaon • Guwahati • Hospet • Hyderabad • Indore • Jaipur
- Jammu • Jamshedpur • Jodhpur • Kanpur • Karimnagar • Kathmandu • Katni • Kolhapur
- Kolkata • Lucknow • Ludhiana • Madurai • Mumbai • Nagpur • Nashik • Nellore • Noida Patna • Phuntsholing • Puduchery • Pune • Raipur • Rajkot • Silvassa • Surat
- Thane • Tirupur • Udaipur • Vaizag • Vapi

Toll Free No : 1800 200 0040

www.sensebitestudio.com

www.cp.com

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Our products are constantly being developed and improved.We thus reserve the right to modify product specifications without prior notice.