



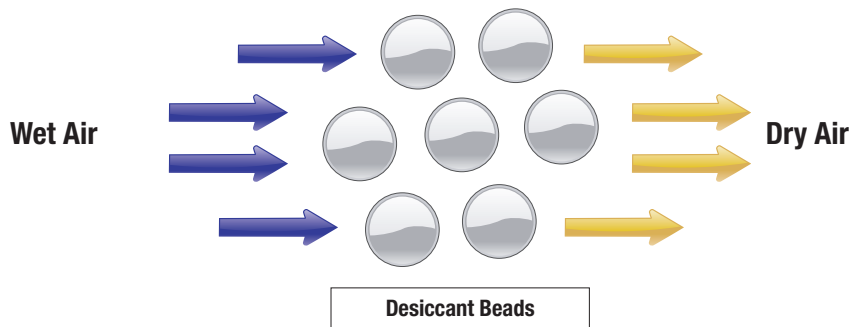
**CPAD & CPADM
5 to 750 SCFM**

People. Passion. Performance.

CPAD Heatless Regenerative Dryers

Absolutely Dry Air

Saturated compressed air enters the dryer and passes over the desiccant, where moisture in the air is adsorbed onto the desiccant beads providing dew points of at least -40°F. Chicago Pneumatic uses large diameter activated alumina at the bottom of the desiccant bed as an active bed support, thus improving the regeneration process.



Standard Features:

- Improved Cycle Sight basic control
- Eye level and auto restart
- Dual voltage requires no transformer
- Load/Unload contract
- DPD can be retrofit
- cULus Listed
- NEMA 4 Enclosure
- Pressure drop, 3 psid or less
- 360 second NEMA cycle for the option with 165 psig, on the 232 ps models NEMA cycle is 500 seconds
- Average purge is 15% of rated flow
- High quality valves
 - Butterfly switching valves with NBR (Buna N) seat, cast iron body, 304 SS disc
 - Check valve with SS disc, Viton seat (no spring)
 - Full flow, soft seat pressure relief valves
- Standard voltage:
 - 115v/1Ph/60Hz

Operating Specifications:

Operating Pressure:	100 psig
Operating Temp:	100°F
Minimum Inlet Temp:	70°F
Maximum Inlet Temp:	120°F
Design Pressure:	150 psig at 450°F (Vessels)
Outlet Dew Point:	-40°F
Power Supply:	115V - 1PH - 60HZ (1 Amp Fuse)
Electricals:	NEMA 4
NEMA Cycle:	10 Minutes
Desiccant:	Activated Alumina

Options:

- Digital Dew Point Display
- Hi-Humidity Alarm (field adjustable)

CPAD - HEATLESS REGENERATIVE

MODEL NUMBER	SCFM FLOW AT -40°F PDP		SCFM FLOW AT -100°F PDP		INLET/OUTLET CONN. SIZE (IN.)	PRESSURE DROP (PSID)	DIMENSIONS (L" X W" X H")	WEIGHT LBS.
	165 PSIG*	232 PSIG*	165 PSIG*	232 PSIG*				
CPAD 125	125	150	100	120	1.00 NPT	1.74	29 x 40 x 71	630
CPAD 200	200	240	160	192	2.00 NPT	1.74	31 x 40 x 72	700
CPAD 250	250	300	200	240	2.00 NPT	1.74	31 x 41 x 73	750
CPAD 325	325	390	260	312	2.00 NPT	2.32	34 x 41 x 75	950
CPAD 400	400	480	320	384	2.00 NPT	2.90	34 x 43 x 75	1060
CPAD 500	500	600	400	480	2.00 NPT	2.90	39 x 45 x 77	1140
CPAD 650	650	780	520	624	2.00 NPT	3.00	39 x 45 x 77	1270
CPAD 750	750	900	600	720	2.00 NPT	3.00	39 x 47 x 78	1440

*Reference pressure for 165 psig design pressure is 100 psig (max 150 psig), for 232 psig design, 180 psig (max 210 psig), reference temperature is 100°F inlet to dryer.

CPADM HEATLESS REGENERATIVE

MODEL	SCFM	DESICCANT (LBS/TOWER)	PURGE (CFM)	INLET/OUTLET CONN. SIZE (IN.)	WEIGHT LBS.	DIMENSIONS (L" X W" X H")
CPADM-5	5	3	0.7	0.25" NPT	60	16 x 7 x 23
CPADM-10	10	9	1.4	0.50" NPT	107	22 x 9 x 37
CPADM-15	15	9	2.1	0.50" NPT	116	22 x 9 x 37
CPADM-25	25	14	3.5	0.50" NPT	130	22 x 9 x 37
CPADM-35	35	20	4.9	0.50" NPT	150	22 x 9 x 37
CPADM-50	50	28	7.0	0.50" NPT	170	22 x 12 x 49

Controllers

Standard Basic Control

- Includes:
- On/off Switch
 - Remote Start/Stop
 - Drying and Regeneration Indicators
 - Service and PDP Warnings*
 - Service and PDP Alarms*
 - CAN-bus Communication
 - Auto Restart after Voltage Failure
- *if DPD option is purchased



Optional: ES4000 Advanced Electric Control

- Includes:
- Remote Start/stop
 - Web Interface
 - Integral Timers
 - User Adjustable PDP Setting
 - Auto Restart after Voltage Failure
 - Event History
 - Service Reminders
 - Run/Stop Schedule Timer
 - Password Security Settings
 - Many Languages to Choose From
- *if DPD option is purchased



The CP Compressor Guarantee

Chicago Pneumatic (CP) is dedicated to providing high quality, reliable equipment that has stood the test of time as one of the most rugged compressors in the market. Our compressors are 100% factory tested, and we stand behind our products with one of the most competitive warranties in the industry!

- | | |
|------------------------------|--|
| • All rotary screw | 1 Year with option to extend to 5 Years* |
| • Two-stage reciprocating | 2 Years |
| • Single-stage reciprocating | 1 Year |
| • All dryers | 1 Year |

*Screw compressors are supported by our CP Secure 1-Year Warranty with the option to extend to a full 5-year warranty (authorized start-up required and regular maintenance with factory authorized fluids and parts).

CP compressors are supported by a network of trained service technicians who can provide complete warranty support, spare parts and technical consultation. For more information on our products, please contact your CP territory sales manager or a local authorized CP distributor.



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 products 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.

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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. 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 the quality assurance seal.

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The Compressed Air and Gas Institute, CAGI, is an organization dedicated to improving the compressed air industry through established standards. As a proud member of CAGI, CP Compressors publishes all technical data in accordance with CAGI/PNEUROP PN2CPTC2 guidelines and voluntarily allows products to be selected for participation in CAGI's Performance Verification Program. With CP Compressors, our customers know they are receiving the excellent performance that we publish.



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