CPP 15-3125
Condensate Treatment Systems

Cleaner condensate treatment

Every compressor generates condensate. With oil-lubricated compressors, this condensate consists of an oil-water emulsion, which must be treated to prevent the oil from getting into the sewage system. The new CPP 15-3125 takes care of this job safely and effectively. It offers more complete oil separation and disposal, is much easier to use and is less messy to maintain than traditional oil-water separators.

CPP 15-3125: Easy handling & better filtration

The low-maintenance and supremely easy-to-service cartridges of the new CPP 15-3125 take the hassle out of condensate treatment. They offer more complete filtration as well. A dual-stage treatment ensures improved filtration by also separating stable emulsions, i.e. an oil-water mix that has not naturally separated. As a result, your waste water will meet even the toughest environmental standards.

How you benefit from the CPP 15-3125

Simpler, less messy operation
Innovative cartridges make oil-water separation easier and cleaner

Low maintenance
4,000-hour service interval

Supreme waste water purity
Waste water achieves high purity with oil content as low as 5 ppm at outlet

Improved filtration for a cleaner environment
Also removes oil from stable emulsions

People.
Passion.
Performance.

Chicago Pneumatic

Raising the bar of oil-water separation

Innovative and effective dual-stage filtration

First, polypropylene removes the free oil, then the activated carbon/organoclay separates stable emulsions. This more complete filtration ensures your waste water meets even the toughest purity standards and contributes to a clean production.

User-friendly cartridges

Condensate treatment using conventional oil-water separators can be an arduous and messy process. The easy-to-use cartridges of the CPP 15-3125 make it much simpler and cleaner.

Technical specifications

Model	Max capacity - Mild climate without dryer & filters			Max capacity - Mild climate with dryer & filters			Dimensions					
	l/s	m³/hr	cfm	l/s	m³/hr	cfm	A	B	C	Weight	Connections	
							mm (in)	mm (in)	mm (in)	kg (lb)	Condensate inlet	Water outlet
CPP 15	15	54	32	12	43	25	250 (10)	147 (6)	216 (9)	1.2 (2.6)	6mm (1/4")	10mm (3/8")
CPP 31	31	113	66	25	90	53	250 (10)	147 (6)	216 (9)	1.5 (3.4)	6mm (1/4")	10mm (3/8")
CPP 63	63	225	132	50	180	106	390 (15)	278 (11)	428 (17)	5.8 (12.7)	2 x 1/2"	1/2"
CPP 106	106	383	225	85	306	180	397 (16)	286 (11)	507 (20)	7.7 (16.9)	2 x 1/2"	1/2"
CPP 213	213	765	450	170	612	360	490 (19)	396 (16)	576 (23)	13.1 (28.9)	2 x 3/4"	3/4"
CPP 375	375	1350	795	300	1080	636	583 (23)	446 (18)	721 (28)	25.3 (55.7)	2 x 3/4"	3/4"
CPP 781	781	2813	1655	625	2250	1324	692 (27)	568 (22)	970 (38)	45.1 (99.4)	2 x 3/4"	3/4"
CPP 1563	1563	5625	3311	1250	4499	2648	975 (38)	782 (31)	1000 (39)	86 (189.5)	2 x 3/4"	3/4"
CPP 3125	3125	11250	6621	2500	8998	5296	975 (38)	1600 (63)	1000 (39)	171.9 (379.1)	2 x 3/4"	3/4"

Sizes above are available with Activated Carbon or Organoclay. Selection to be done based on each application.

Correction factors:

Relative humidity	%	0.5	0.6	0.7	0.8	0.9		
	Correction factor	1.10	1.00	0.85	0.74	0.66		
Ambient temperature	°C	15	20	25	30	35	40	
	Correction factor	1.33	1.17	1.00	0.76	0.50	0.30	
Running hours per day	hrs	12	14	16	18	20	22	24
	Correction factor	1	0.86	0.75	0.67	0.6	0.55	0.5

Reference conditions:

Relative air humidity: 60%
Air inlet temperature: 25°C (77°F)
Running hours per day: 12 hrs
Effective working pressure: 7 bar (102 psi)

Available options

- **Overflow indicator**
- **Manifold for multiple condensate inlet**
- **Wall mounting kit**
- **Spill Container**

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

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