



CRP/IDC Series

CRP 500 - 2000 & IDC 350

Unmatched Performance

Clean Resources CRP & IDC oil-water separators are our best-selling units for a good reason. The proprietary alumina silicate substrate media bed adsorbs **ALL** compressor-based lubricants, including silicone, polyalkylene glycol (PAGs), and food grade. Clean Resources backs this claim with independent third-party testing data.

Have more than one compressor using different types of lubricants? No problem! Each CRP Series unit supports up to 12 simultaneously connected compressors or downstream devices in just one unit. The IDC-350 supports up to six simultaneously connected devices.

Whether you're running 15 HP or 600 HP, there's a CRP or IDC oil-water separator to match your medium to large compressed air system.



CRP 500 - 2000 Sizes and Specifications

Inlets	Six ½", Six ¼"
Maximum inlet pressure	175 psi
Timer drain power requirement	120 Volt, 20 Amp
Timer drain in/out poly tube	¼"
Discharge hose	¾"
Outlet hub cap	3½"

IDC 350 Sizes and Specifications

Inlets	Six ¼"
Maximum inlet pressure	175 psi
Anti-siphon line	¼"
Discharge hose	¾"

What Makes Clean Resources the Best OWS?

How it works

- Media utilizes molecular sieve technology and chemical bonding
- Lubricant molecules attract to the proprietary substrate media bed like a magnet, permanently bonding and eliminating groundwater contamination

Standard features

- All units are factory pre-plumbed and leak tested
- Twelve inlets (six inlets for the IDC-350) for multiple compressors or other downstream components
- Gravity flow discharge
- 10 ppm or less carryover throughout the life of the unit (lowest in the industry)

Maintenance-free—technician approved ✓

- No heavy, messy bag change-outs
- No exposure to algae, black mold, bacteria or *e-coli*
- Reduces or eliminates illness and allergic reactions

Recycle program

- Dispose of in accordance with state and local regulations or,
- Ship *registered* unit to Clean Resources for free recycling

Environmental conditions

- Works in all conditions—contact your distributor for extremely cold climates
- Specific gravity, emulsification, relative humidity, and temperature do not affect performance

Guaranteed Compliance

When *properly sized, installed, and registered*, our systems are guaranteed for 12 months to perform and reduce the contaminants in your compressor condensate to 10 ppm or less*. If your unit fails under these conditions, Clean Resources will refund the prorated amount remaining on the warranty if a registered unit fails within one year of installation.

*Methods tested: EPA1664b, EPA8270, EPA624 & EPA625 EPA8015c

Premium Features

- 1 Manifold (CRP 500 - 2000)**
Detaches from base for quick separator interval replacement.
- 2 Condensate Inlet Hub (IDC 350)**
Replace red and black caps with push-to-connect fittings (finger tighten ONLY) and insert compressor lines.
- 3 Carbon-filtered Vents (CRP 500 - 2000)**
Pressure is decompressed and vented through two replaceable carbon-filled cartridges, removing VOCs and reducing any oily mist expelled from the manifold.
- 4 Vent (IDC 350)**
Pressure is decompressed and vented, preventing air locks
- 5 Timer Drain (CRP 500 - 2000)**
Sends a burst of air through the unit every 12 hours to prevent the formation of a sludge mat.
- 6 Antimicrobial Cavity (CRP 500 - 2000)**
Insert an antimicrobial pouch to sanitize the discharge hose and prevent algae growth.
- 7 Anti-Siphon Line**
Vented line eliminates a vacuum siphon at the outlet
- 8 Outlet**
10 ppm or less of filtered condensate exits to sanitary or floor drain.



Pump it Up!

Is the drain more than 10 feet away? No problem!

How about gravity—need to run the clean condensate uphill? Clean Resources now sells an auxiliary discharge pump for those troublesome installs where the drain is too far away, the outlet hose won't lay flat or run downhill.

For more information and pricing, check with your distributor or contact us.



Product Installation and Recycling

Most Clean Resources products are shipped with printed installation instructions attached to the unit or printed on the label. We know they get tossed out, "lost," or sometimes you'd just rather not read the instructions.

Not to worry. Each unit's product label has a QR code that takes you to our installation series of videos. Here you can watch Jerry, our Clean Resources installation expert, talk you through installation and recycling, step-by-step. You will be up and running in no time, and EPA compliant.

Product Specifications

Works With ALL Compressor Lubricants	
Diester-based	Summit
PAO-based	Gardner Denver
POE-based	Kaeser
Glycol-based	Quincy
Hydraulic	Atlas Copco
Food grade	Sullivan-Palatek
Mineral-based	Compair
Anderol	Ingersoll-Rand
Ultra Chem	Sullair

CRP Unit	Width (in)	Depth (in)	Height (in)*	Weight (lbs)**
500	16	15	48	110
750	16	15	48	125
1000	16	15	48	150
1500	22	20	57	310
2000	22	20	57	370

* Height includes manifold. Height without manifold: 39"/48"
** Shipping weight

IDC Unit	Width (in)	Depth (in)	Height (in)	Weight (lbs)*
350	12	14.5	23	50

*shipping weight

HP	ACFM	IDC Series	CRP Series				
		350	500	750	1000	1500	2000
Unit Life in Hours*†							
15	75	32,000					
20	100	24,000					
25	125	19,000					
30	150	16,000	32,000				
40	200	13,000	24,000	32,000			
50	250	10,000	19,000	25,000	32,000		
60	300	9,000	16,000	21,000	26,000		
75	375	7,000	13,000	17,000	21,000		
100	500	5,000	10,000	13,000	16,000		
125	600	4,000	8,000	11,000	13,000	30,000	
150	750		6,000	8,000	11,000	24,000	30,000
200	1000		5,000	6,000	8,000	18,000	22,000
250	1250		4,000	5,000	6,000	15,000	18,000
300	1600			4,000	5,000	11,000	14,000
350	1900				4,000	10,000	12,000
400	2200				4,000	8,000	10,000
450	2350					8,000	9,000
500	2500					7,000	9,000
600	3000					6,000	7,000
800	4000					5,000	6,000
1000	5000					4,000	4,000
1200	6000						4,000

* Unit life numbers in this chart assume rotary screw compressors with 2 ppm oil carryover running 8,000 hrs/yr. Unit life may vary due to differences in air compressor oil consumption rates, age, and maintenance of compressor. For use with reciprocating compressors, consult factory to calculate unit life.

CORRECTION FACTORS

ROTARY SCREW COMPRESSORS (2 ppm carryover)
Unit Life: [hours from above] x [CF from right]

Examples: CRP 1000 with 200 hp running 6,000 hrs/yr CRP 1500 with 150 hp running 8,000 hrs/yr
Unit Life: 8,000 x 1.33 = 10,640 hours† 24,000 x 1 = 24,000 hours†

Hrs/yr runtime	8,000	6,000	4,000	2,000
Life Correction Factor (CF)	1	1.33	2	4

† To calculate unit life in months: [Unit Life] / 8,000 * 12