

JOB:
REPRESENTATIVE:

UNIT TAG:

ORDER NUMBER:

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



CRSD

Coalescing medium style sediment separator with removable head

DESCRIPTION

The Bell & Gossett CRSD is a sediment separator that utilizes a coalescing medium to remove impurities from HVAC systems. It features a stainless steel coalescing medium with 58% open area, removable end cover for coalescing medium access, and connections for an air vent, blow down valve, and skim valve. The product is designed, constructed, inspected and stamped per ASME Section VIII, Division 1.

CONSTRUCTION MATERIALS

Shell: Carbon Steel

Coalescing Medium: Stainless Steel

OPERATING DATA*

Max Working Pressure: 150 psig (1,034 kPa)

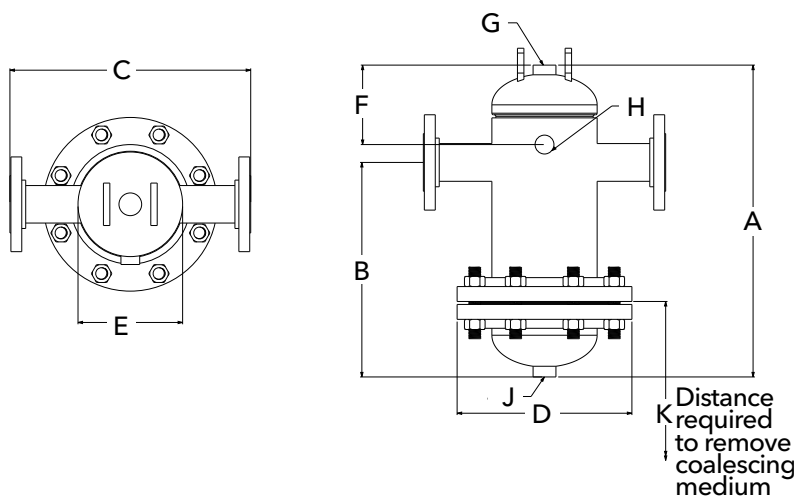
Max Temperature: 450°F (232°C)

Min Temperature: -20°F (-29°C)

* Consult factory for higher working pressures or temperatures.

SCHEDULE

PART NUMBER	MODEL NUMBER	INLET/OUTLET CONNECTION	RECOMMENDED CAPACITY IN GPM (M ³ /HR)	TAGGING INFORMATION	QUANTITY
5337-14F-15-002	CRSD-14F	14" Flanged	2,530 (575)		
5337-14G-15-002	CRSD-14G	14" Grooved	2,530 (575)		
5337-16F-15-002	CRSD-16F	16" Flanged	3,300 (750)		
5337-16G-15-002	CRSD-16G	16" Grooved	3,300 (750)		
5337-18F-15-002	CRSD-18F	18" Flanged	4,180 (950)		
5337-18G-15-002	CRSD-18G	18" Grooved	4,180 (950)		
5337-20F-15-002	CRSD-20F	20" Flanged	5,200 (1,181)		
5337-20G-15-002	CRSD-20G	20" Grooved	5,200 (1,181)		
5337-22F-15-002	CRSD-22F	22" Flanged	6,165 (1,400)		
5337-22G-15-002	CRSD-22G	22" Grooved	6,165 (1,400)		
5337-24F-15-002	CRSD-24F	24" Flanged	7,500 (1,703)		
5337-24G-15-002	CRSD-24G	24" Grooved	7,500 (1,703)		

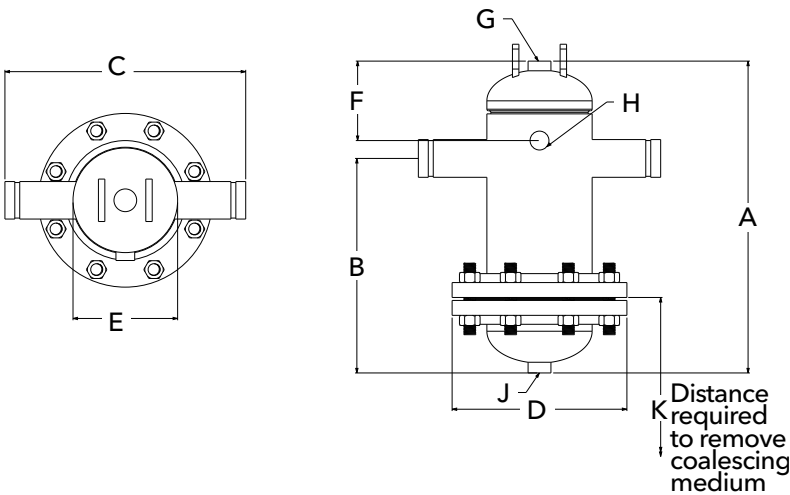


DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)										SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	D	E	F	G	H	J	K			
CRSD-14F	66.00 (1676)	39.00 (991)	45.00 (1143)	33.00 (838)	28.00 (711)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	9.50 (241)	1252 (568)	2672 (1212)	2,362
CRSD-16F	66.00 (1676)	39.00 (991)	50.00 (1270)	37.00 (940)	32.00 (813)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	9.50 (241)	1497 (680)	3367 (1528)	3,255
CRSD-18F	71.00 (1803)	40.00 (1016)	56.00 (1422)	42.00 (1067)	36.00 (914)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	11.50 (292)	1915 (869)	4440 (2014)	4,048
CRSD-20F	73.31 (1862)	41.50 (1054)	61.50 (1562)	46.00 (1168)	40.00 (1016)	14.00 (356)	3/4" NPT	1/2" NPT	2" NPT	8.50 (216)	2349 (1066)	5387 (2444)	5,049
CRSD-22F	75.31 (1913)	43.00 (1092)	62.00 (1575)	53.00 (1346)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	8.50 (216)	2875 (1305)	7170 (3253)	6,216
CRSD-24F	75.31 (1913)	43.00 (1092)	62.00 (1575)	53.00 (1346)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	8.50 (216)	2937 (1333)	7333 (3327)	8,234

IMPORTANT NOTES

1. Consult IOM 0121-01 for safety and service instructions.
2. Lifting lugs are for transportation and installation of the empty vessel, and are not to be used for complete or partial support of the flooded vessel.
3. Welding to the pressure vessel boundary will void the ASME stamp.
4. Dimensions subject to change. Not to be used for construction purposes.

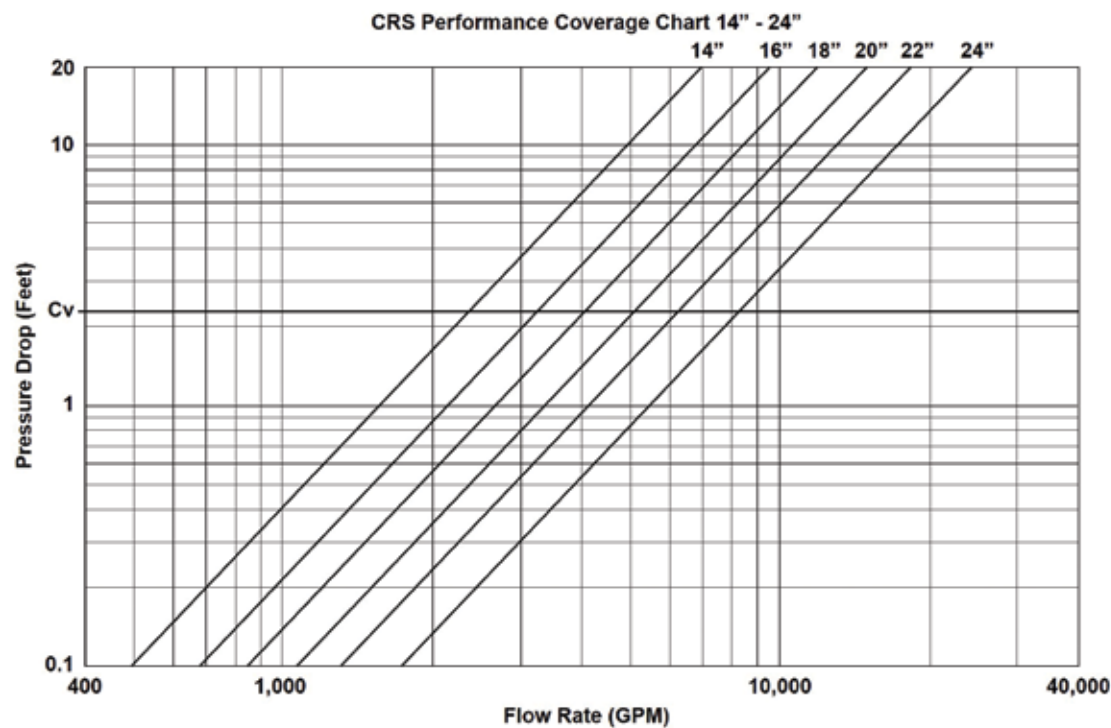


DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)										SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	D	E	F	G	H	J	K			
CRSD-14G	66.00 (1676)	39.00 (991)	45.00 (1143)	33.00 (838)	28.00 (711)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	9.50 (241)	1103 (501)	2531 (1149)	2,362
CRSD-16G	66.00 (1676)	39.00 (991)	50.00 (1270)	37.00 (940)	32.00 (813)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	9.50 (241)	1301 (591)	3186 (1446)	3,255
CRSD-18G	71.00 (1803)	40.00 (1016)	56.00 (1422)	42.00 (1067)	36.00 (914)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	11.50 (292)	1701 (772)	4250 (1928)	4,048
CRSD-20G	73.31 (1862)	41.50 (1054)	61.50 (1562)	46.00 (1168)	40.00 (1016)	14.00 (356)	3/4" NPT	1/2" NPT	2" NPT	8.50 (216)	2079 (944)	5192 (2356)	5,049
CRSD-22G	75.31 (1913)	43.00 (1092)	62.00 (1575)	53.00 (1346)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	8.50 (216)	2551 (1158)	6845 (3105)	6,216
CRSD-24G	75.31 (1913)	43.00 (1092)	62.00 (1575)	53.00 (1346)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	8.50 (216)	2551 (1158)	7018 (3184)	8,234

IMPORTANT NOTES

- 1. Consult IOM 0121-01 for safety and service instructions.
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- 3. Welding to the pressure vessel boundary will void the ASME stamp.
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