

JOB:
REPRESENTATIVE:

 UNIT TAG:
 ENGINEER:
 CONTRACTOR:

 ORDER NUMBER:
 SUBMITTED BY:
 APPROVED BY:

 DATE:
 DATE:
 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)

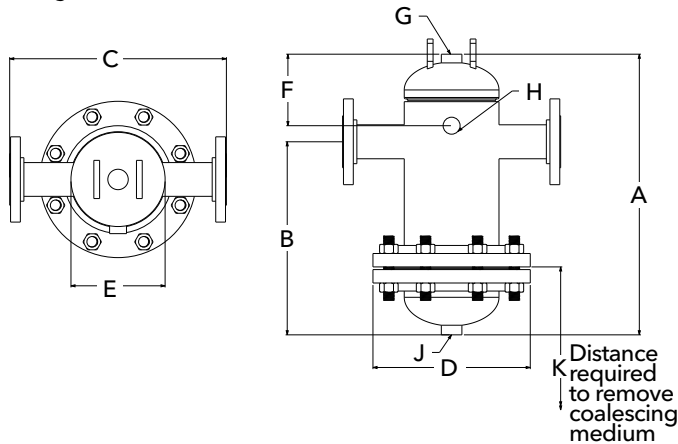
Min Temperature: -20°F (-29°C)

* Consult factory for higher working pressures or temperatures.

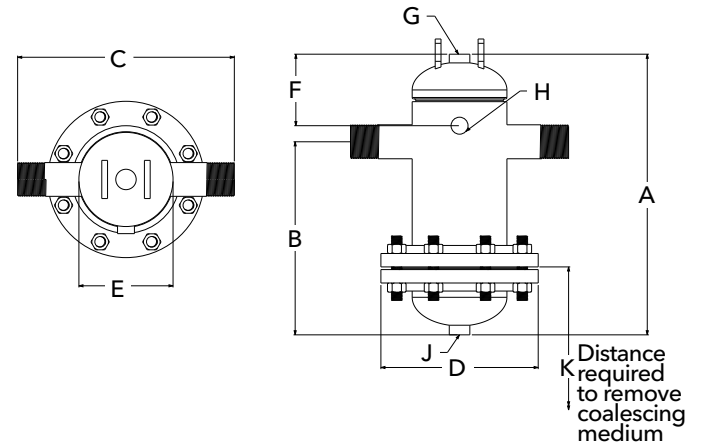
SCHEDULE

PART NUMBER	MODEL NUMBER	INLET/OUTLET CONNECTION	RECOMMENDED CAPACITY IN GPM (M ³ /HR)	TAGGING INFORMATION	QUANTITY
5337-02N-15-002	CRSD-2N	2" NPT Male	62 (14)		
5337-02F-15-002	CRSD-2F	2" Flanged	62 (14)		
5337-02G-15-002	CRSD-2G	2" Grooved	62 (14)		
5337-25N-15-002	CRSD-2-1/2N	2.5" NPT Male	96 (22)		
5337-25F-15-002	CRSD-2-1/2F	2.5" Flanged	96 (22)		
5337-25G-15-002	CRSD-2-1/2G	2.5" Grooved	96 (22)		
5337-03N-15-002	CRSD-3N	3" NPT Male	138 (31)		
5337-03F-15-002	CRSD-3F	3" Flanged	138 (31)		
5337-03G-15-002	CRSD-3G	3" Grooved	138 (31)		
5337-04N-15-002	CRSD-4N	4" NPT Male	245 (56)		
5337-04F-15-002	CRSD-4F	4" Flanged	245 (56)		
5337-04G-15-002	CRSD-4G	4" Grooved	245 (56)		
5337-05F-15-002	CRSD-5F	5" Flanged	383 (87)		
5337-05G-15-002	CRSD-5G	5" Grooved	383 (87)		
5337-06F-15-002	CRSD-6F	6" Flanged	550 (125)		
5337-06G-15-002	CRSD-6G	6" Grooved	550 (125)		
5337-08F-15-002	CRSD-8F	8" Flanged	980 (223)		
5337-08G-15-002	CRSD-8G	8" Grooved	980 (223)		
5337-10F-15-002	CRSD-10F	10" Flanged	1,530 (348)		
5337-10G-15-002	CRSD-10G	10" Grooved	1,530 (348)		
5337-12F-15-002	CRSD-12F	12" Flanged	2,205 (501)		
5337-12G-15-002	CRSD-12G	12" Grooved	2,205 (501)		

Flanged Models



NPT Models

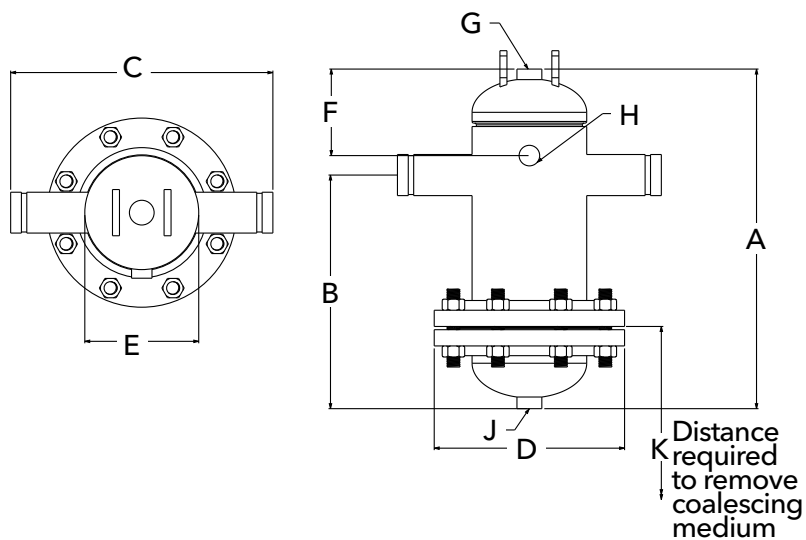


DIMENSIONS AND WEIGHTS

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-2N	19.63 (498)	13.50 (343)	15.25 (387)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	71 (33)	93 (43)	72
CRSD-2-1/2N	19.63 (498)	13.50 (343)	15.75 (400)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	72 (33)	95 (44)	116
CRSD-3N	19.63 (498)	13.50 (343)	20.25 (514)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	75 (35)	99 (45)	168
CRSD-4N	23.00 (584)	15.25 (387)	20.63 (524)	13.50 (343)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	9.00 (229)	112 (51)	161 (74)	350
CRSD-2F	19.63 (498)	13.50 (343)	15.25 (387)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	81 (37)	103 (47)	72
CRSD-2-1/2F	19.63 (498)	13.50 (343)	15.75 (400)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	88 (40)	110 (50)	116
CRSD-3F	19.63 (498)	13.50 (343)	20.25 (514)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	92 (42)	117 (54)	168
CRSD-4F	23.00 (584)	15.25 (387)	20.63 (524)	13.50 (343)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	9.00 (229)	137 (63)	186 (85)	350
CRSD-5F	31.25 (794)	19.00 (483)	27.75 (705)	16.00 (406)	10.75 (273)	5.63 (143)	3/4" NPT	1/2" NPT	1" NPT	16.00 (406)	213 (97)	318 (145)	404
CRSD-6F	31.25 (794)	19.00 (483)	27.75 (705)	19.00 (483)	12.75 (324)	6.25 (159)	3/4" NPT	1/2" NPT	1" NPT	13.00 (330)	275 (125)	429 (195)	540
CRSD-8F	35.00 (889)	24.00 (610)	33.63 (854)	23.50 (597)	16.00 (406)	7.00 (178)	3/4" NPT	1/2" NPT	1" NPT	13.00 (330)	461 (210)	741 (337)	950
CRSD-10F	40.00 (1016)	26.00 (660)	37.50 (953)	27.50 (699)	20.00 (508)	8.00 (203)	3/4" NPT	1/2" NPT	1" NPT	15.00 (381)	696 (316)	1204 (547)	1,463
CRSD-12F	54.00 (1372)	37.50 (953)	42.50 (1080)	32.00 (813)	24.00 (610)	9.00 (229)	3/4" NPT	1/2" NPT	1" NPT	8.50 (216)	1037 (471)	2006 (910)	2,000

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.

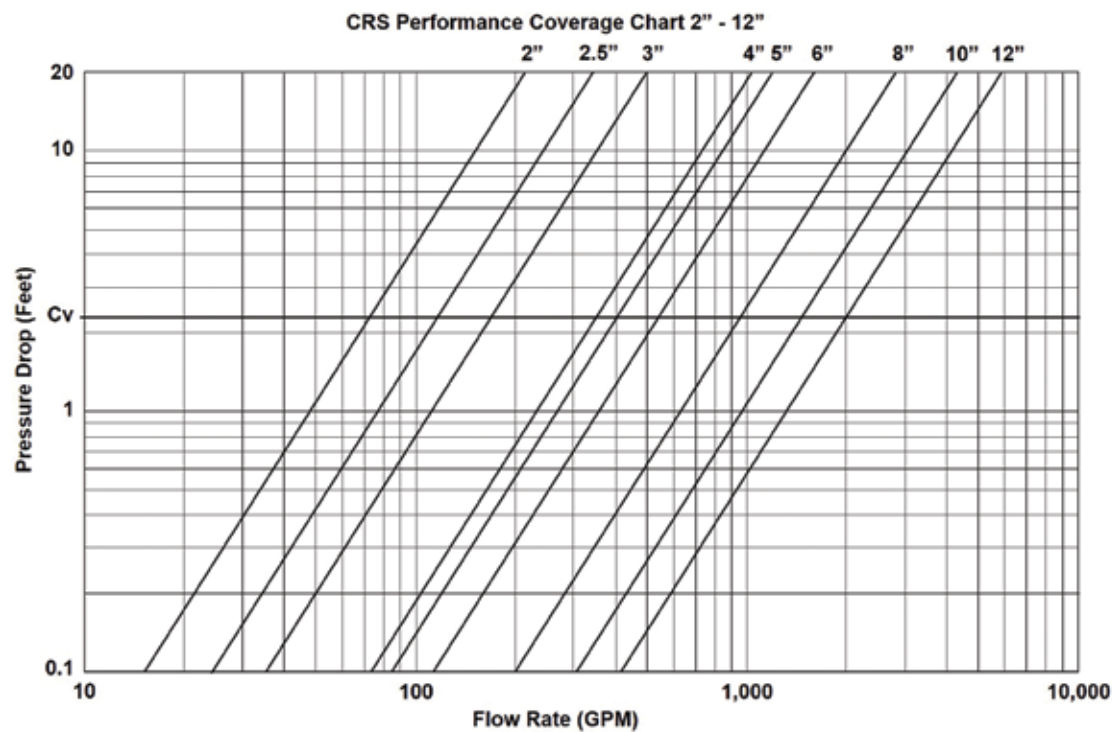


DIMENSIONS AND WEIGHTS

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-2G	19.63 (498)	13.50 (343)	15.25 (387)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	71 (33)	93 (43)	72
CRSD-2-1/2G	19.63 (498)	13.50 (343)	15.75 (400)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	72 (33)	95 (44)	116
CRSD-3G	19.63 (498)	13.50 (343)	20.25 (514)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	75 (35)	99 (45)	168
CRSD-4G	23.00 (584)	15.25 (387)	20.63 (524)	13.50 (343)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	9.00 (229)	112 (51)	161 (74)	350
CRSD-5G	31.25 (794)	19.00 (483)	27.75 (705)	16.00 (406)	10.75 (273)	5.63 (143)	3/4" NPT	1/2" NPT	1" NPT	16.00 (406)	184 (84)	288 (131)	404
CRSD-6G	31.25 (794)	19.00 (483)	27.75 (705)	19.00 (483)	12.75 (324)	6.25 (159)	3/4" NPT	1/2" NPT	1" NPT	13.00 (330)	240 (109)	393 (179)	540
CRSD-8G	35.00 (889)	24.00 (610)	33.63 (854)	23.50 (597)	16.00 (406)	7.00 (178)	3/4" NPT	1/2" NPT	1" NPT	13.00 (330)	405 (184)	684 (311)	950
CRSD-10G	40.00 (1016)	26.00 (660)	37.50 (953)	27.50 (699)	20.00 (508)	8.00 (203)	3/4" NPT	1/2" NPT	1" NPT	15.00 (381)	619 (281)	1125 (511)	1,463
CRSD-12G	54.00 (1372)	37.50 (953)	42.50 (1080)	32.00 (813)	24.00 (610)	9.00 (229)	3/4" NPT	1/2" NPT	1" NPT	8.50 (216)	923 (419)	1889 (857)	2,000

IMPORTANT NOTES

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