

**JOB:**
**REPRESENTATIVE:**

 UNIT TAG:  
 ENGINEER:  
 CONTRACTOR:

 ORDER NUMBER:  
 SUBMITTED BY:  
 APPROVED BY:

 DATE:  
 DATE:  
 DATE:


## CRSDN

Coalescing medium style sediment separator with non-removable head

**DESCRIPTION**

The Bell & Gossett CRSDN 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, non-removable end cover, 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)

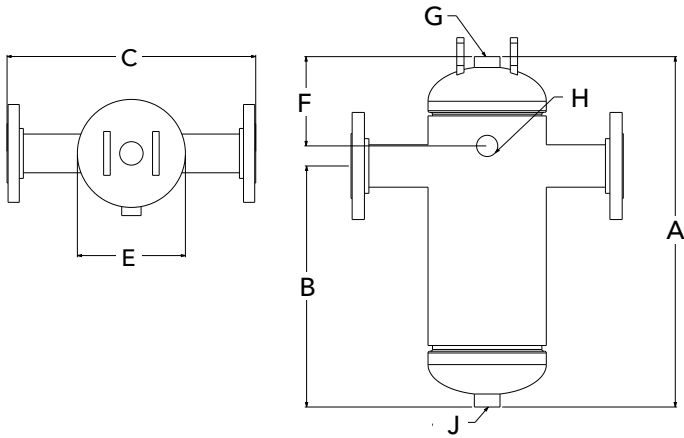
**Min Temperature:** -20°F (-29°C)

\* Consult factory for higher working pressures or temperatures.

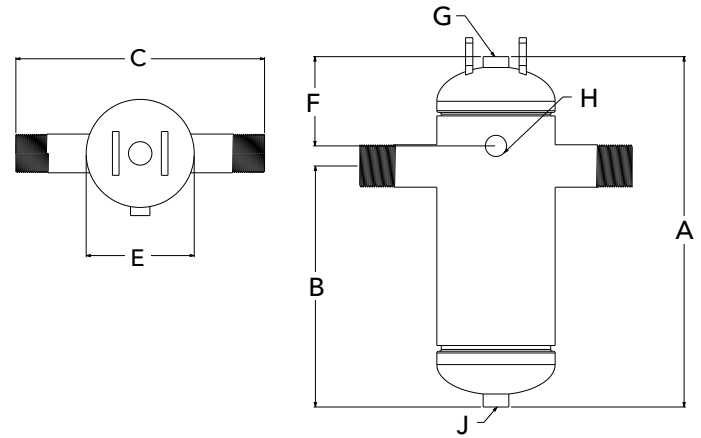
**SCHEDULE**

PART NUMBER	MODEL NUMBER	INLET/OUTLET CONNECTION	RECOMMENDED CAPACITY IN GPM (M <sup>3</sup> /HR)	TAGGING INFORMATION	QUANTITY
5337-02N-15-003	CRSDN-2N	2" NPT Male	62 (14)		
5337-02F-15-003	CRSDN-2F	2" Flanged	62 (14)		
5337-02G-15-003	CRSDN-2G	2" Grooved	62 (14)		
5337-25N-15-003	CRSDN-2-1/2N	2.5" NPT Male	96 (22)		
5337-25F-15-003	CRSDN-2-1/2F	2.5" Flanged	96 (22)		
5337-25G-15-003	CRSDN-2-1/2G	2.5" Grooved	96 (22)		
5337-03N-15-003	CRSDN-3N	3" NPT Male	138 (31)		
5337-03F-15-003	CRSDN-3F	3" Flanged	138 (31)		
5337-03G-15-003	CRSDN-3G	3" Grooved	138 (31)		
5337-04N-15-003	CRSDN-4N	4" NPT Male	245 (56)		
5337-04F-15-003	CRSDN-4F	4" Flanged	245 (56)		
5337-04G-15-003	CRSDN-4G	4" Grooved	245 (56)		
5337-05F-15-003	CRSDN-5F	5" Flanged	383 (87)		
5337-05G-15-003	CRSDN-5G	5" Grooved	383 (87)		
5337-06F-15-003	CRSDN-6F	6" Flanged	550 (125)		
5337-06G-15-003	CRSDN-6G	6" Grooved	550 (125)		
5337-08F-15-003	CRSDN-8F	8" Flanged	980 (223)		
5337-08G-15-003	CRSDN-8G	8" Grooved	980 (223)		
5337-10F-15-003	CRSDN-10F	10" Flanged	1,530 (348)		
5337-10G-15-003	CRSDN-10G	10" Grooved	1,530 (348)		
5337-12F-15-003	CRSDN-12F	12" Flanged	2,205 (501)		
5337-12G-15-003	CRSDN-12G	12" Grooved	2,205 (501)		

Flanged Models



NPT Models

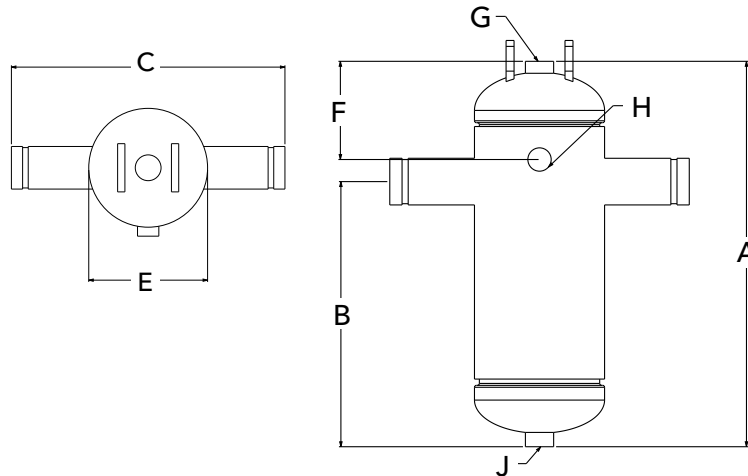


## DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)								SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	E	F	G	H	J			
CRSDN-2N	19.63 (498)	13.50 (343)	15.25 (387)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	28 (13)	52 (24)	72
CRSDN-2-1/2N	19.63 (498)	13.50 (343)	15.75 (400)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	29 (14)	53 (25)	116
CRSDN-3N	19.63 (498)	13.50 (343)	20.25 (514)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	31 (15)	57 (26)	168
CRSDN-4N	23.00 (584)	15.25 (387)	20.63 (524)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	48 (22)	99 (45)	350
CRSDN-2F	19.63 (498)	13.50 (343)	15.25 (387)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	38 (18)	61 (28)	72
CRSDN-2-1/2F	19.63 (498)	13.50 (343)	15.75 (400)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	45 (21)	69 (32)	116
CRSDN-3F	19.63 (498)	13.50 (343)	20.25 (514)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	49 (23)	75 (35)	168
CRSDN-4F	23.00 (584)	15.25 (387)	20.63 (524)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	73 (34)	125 (57)	350
CRSDN-5F	31.25 (794)	19.00 (483)	27.75 (705)	10.75 (273)	5.63 (143)	3/4" NPT	1/2" NPT	1" NPT	115 (53)	225 (103)	404
CRSDN-6F	31.25 (794)	19.00 (483)	27.75 (705)	12.75 (324)	6.25 (159)	3/4" NPT	1/2" NPT	1" NPT	136 (62)	295 (134)	540
CRSDN-8F	35.00 (889)	24.00 (610)	33.63 (854)	16.00 (406)	7.00 (178)	3/4" NPT	1/2" NPT	1" NPT	218 (99)	507 (230)	950
CRSDN-10F	40.00 (1016)	26.00 (660)	37.50 (953)	20.00 (508)	8.00 (203)	3/4" NPT	1/2" NPT	1" NPT	311 (142)	834 (379)	1,463
CRSDN-12F	54.00 (1372)	37.50 (953)	42.50 (1080)	24.00 (610)	9.00 (229)	3/4" NPT	1/2" NPT	1" NPT	518 (235)	1507 (684)	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.

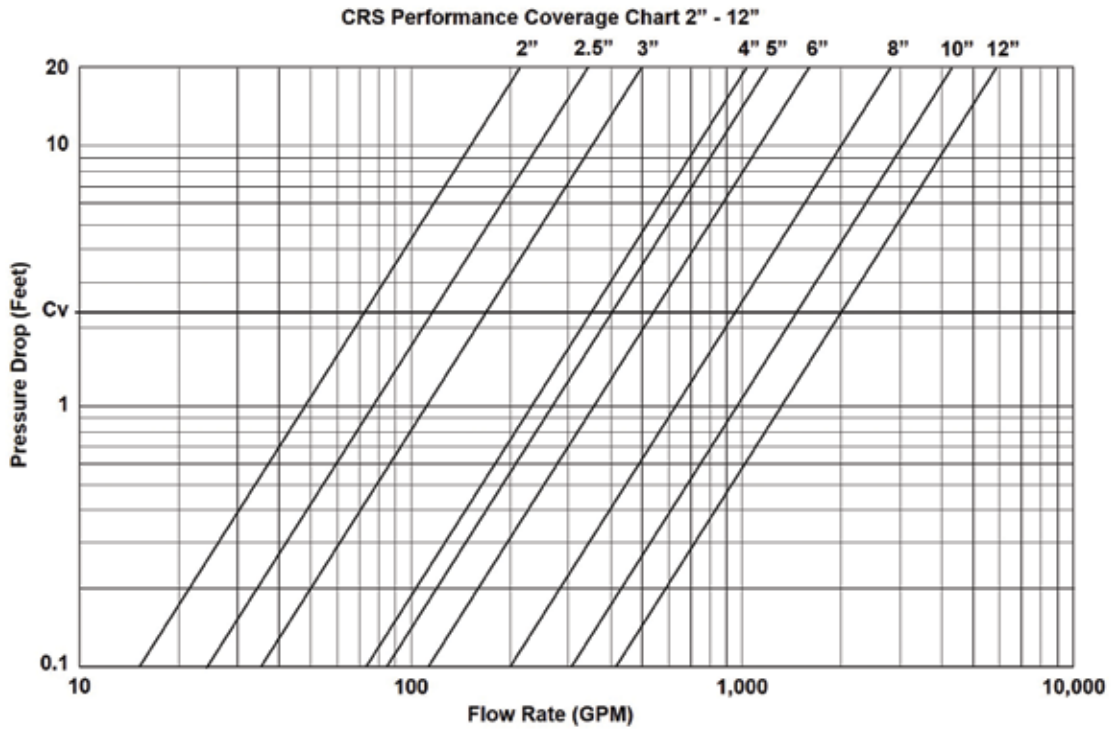


### DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)								SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	E	F	G	H	J			
CRSDN-2G	19.63 (498)	13.50 (343)	15.25 (387)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	28 (13)	52 (24)	72
CRSDN-2-1/2G	19.63 (498)	13.50 (343)	15.75 (400)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	29 (14)	53 (25)	116
CRSDN-3G	19.63 (498)	13.50 (343)	20.25 (514)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	31 (15)	57 (26)	168
CRSDN-4G	23.00 (584)	15.25 (387)	20.63 (524)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	48 (22)	99 (45)	350
CRSDN-5G	31.25 (794)	19.00 (483)	27.75 (705)	10.75 (273)	5.63 (143)	3/4" NPT	1/2" NPT	1" NPT	85 (39)	196 (89)	404
CRSDN-6G	31.25 (794)	19.00 (483)	27.75 (705)	12.75 (324)	6.25 (159)	3/4" NPT	1/2" NPT	1" NPT	101 (46)	260 (118)	540
CRSDN-8G	35.00 (889)	24.00 (610)	33.63 (854)	16.00 (406)	7.00 (178)	3/4" NPT	1/2" NPT	1" NPT	163 (74)	451 (205)	950
CRSDN-10G	40.00 (1016)	26.00 (660)	37.50 (953)	20.00 (508)	8.00 (203)	3/4" NPT	1/2" NPT	1" NPT	234 (107)	756 (343)	1,463
CRSDN-12G	54.00 (1372)	37.50 (953)	42.50 (1080)	24.00 (610)	9.00 (229)	3/4" NPT	1/2" NPT	1" NPT	404 (184)	1390 (631)	2,000

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3. Welding to the pressure vessel boundary will void the ASME stamp.
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