

JOB:
REPRESENTATIVE:

UNIT TAG:

ORDER NUMBER:

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

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)

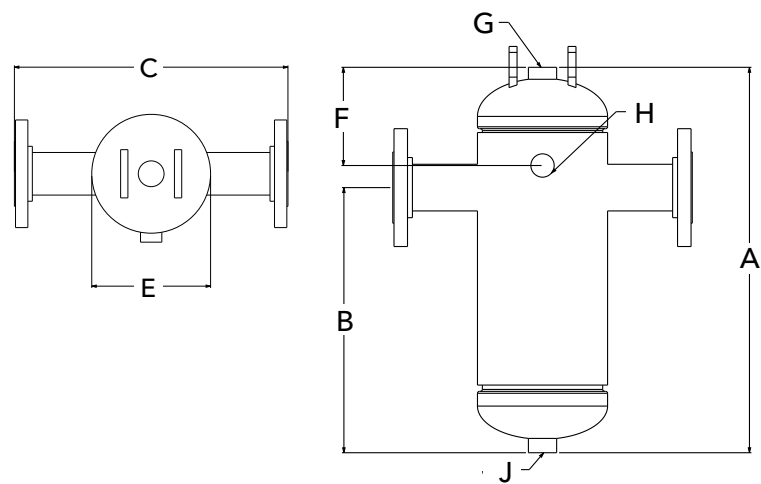
Max Temperature: 450°F (232°C)

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 ³ /HR)	TAGGING INFORMATION	QUANTITY
5337-14F-15-003	CRSDN-14F	14" Flanged	2,530 (575)		
5337-14G-15-003	CRSDN-14G	14" Grooved	2,530 (575)		
5337-16F-15-003	CRSDN-16F	16" Flanged	3,300 (750)		
5337-16G-15-003	CRSDN-16G	16" Grooved	3,300 (750)		
5337-18F-15-003	CRSDN-18F	18" Flanged	4,180 (950)		
5337-18G-15-003	CRSDN-18G	18" Grooved	4,180 (950)		
5337-20F-15-003	CRSDN-20F	20" Flanged	5,200 (1,181)		
5337-20G-15-003	CRSDN-20G	20" Grooved	5,200 (1,181)		
5337-22F-15-003	CRSDN-22F	22" Flanged	6,165 (1,400)		
5337-22G-15-003	CRSDN-22G	22" Grooved	6,165 (1,400)		
5337-24F-15-003	CRSDN-24F	24" Flanged	7,500 (1,703)		
5337-24G-15-003	CRSDN-24G	24" Grooved	7,500 (1,703)		

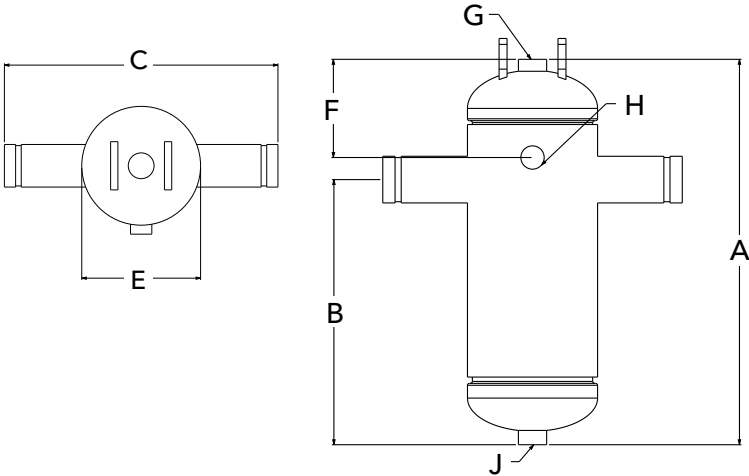


DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)								SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	E	F	G	H	J			
CRSDN-14F	66.00 (1676)	39.00 (991)	45.00 (1143)	28.00 (711)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	920 (418)	2339 (1061)	2,362
CRSDN-16F	66.00 (1676)	39.00 (991)	50.00 (1270)	32.00 (813)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	1084 (492)	2954 (1340)	3,255
CRSDN-18F	71.00 (1803)	40.00 (1016)	56.00 (1422)	36.00 (914)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	1301 (591)	3825 (1735)	4,048
CRSDN-20F	73.31 (1862)	41.50 (1054)	61.50 (1562)	40.00 (1016)	14.00 (356)	3/4" NPT	1/2" NPT	2" NPT	1560 (708)	4598 (2086)	5,049
CRSDN-22F	75.31 (1913)	43.00 (1092)	62.00 (1575)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	1888 (857)	6184 (2806)	6,216
CRSDN-24F	75.31 (1913)	43.00 (1092)	62.00 (1575)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	1950 (885)	6346 (2879)	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.

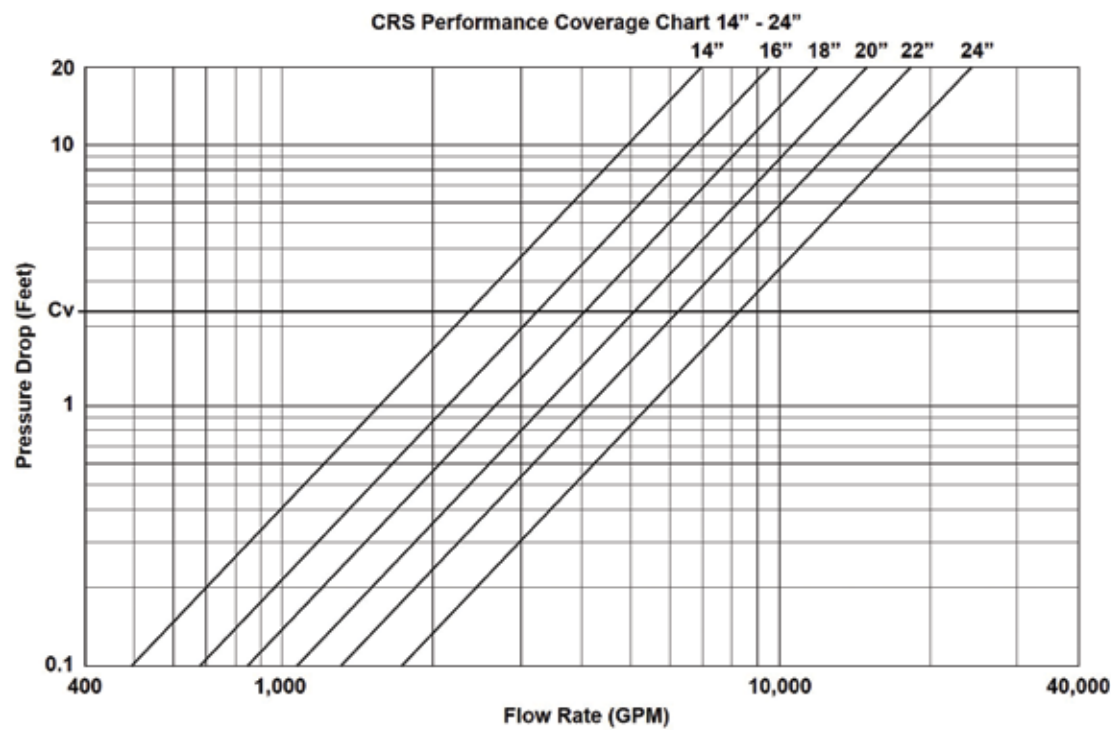


DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)								SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	E	F	G	H	J			
CRSDN-14G	66.00 (1676)	39.00 (991)	45.00 (1143)	28.00 (711)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	766 (348)	2194 (996)	2,362
CRSDN-16G	66.00 (1676)	39.00 (991)	50.00 (1270)	32.00 (813)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	885 (402)	2769 (1256)	3,255
CRSDN-18G	71.00 (1803)	40.00 (1016)	56.00 (1422)	36.00 (914)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	1082 (491)	3630 (1647)	4,048
CRSDN-20G	73.31 (1862)	41.50 (1054)	61.50 (1562)	40.00 (1016)	14.00 (356)	3/4" NPT	1/2" NPT	2" NPT	1284 (583)	4397 (1995)	5,049
CRSDN-22G	75.31 (1913)	43.00 (1092)	62.00 (1575)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	1559 (708)	5853 (2655)	6,216
CRSDN-24G	75.31 (1913)	43.00 (1092)	62.00 (1575)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	1559 (708)	6025 (2733)	8,234

IMPORTANT NOTES

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