

JOB:
REPRESENTATIVE:

 UNIT TAG:
 ENGINEER:
 CONTRACTOR:

 ORDER NUMBER:
 SUBMITTED BY:
 APPROVED BY:

 DATE:
 DATE:
 DATE:


CRSN

Coalescing medium style air & sediment separator with non-removable head

DESCRIPTION

The Bell & Gossett CRSN is a combination air & 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: 125 psig (862 kPa)

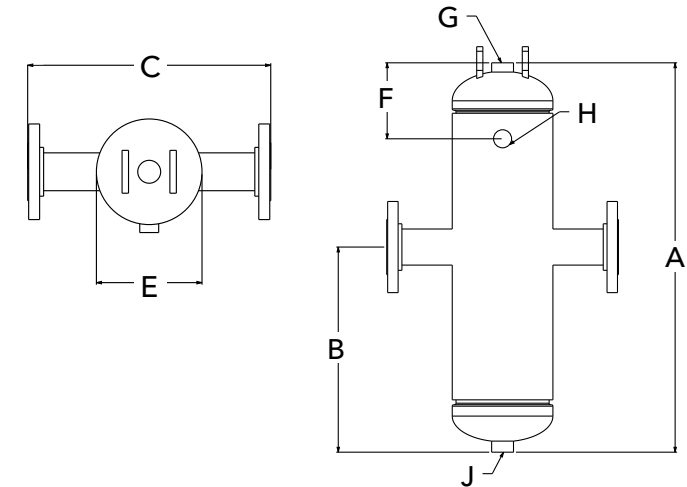
Max Temperature: 450°F (232°C)

Min Temperature: -20°F (-29°C)

** Consult factory for higher working pressures or temperatures.*

SCHEDULE

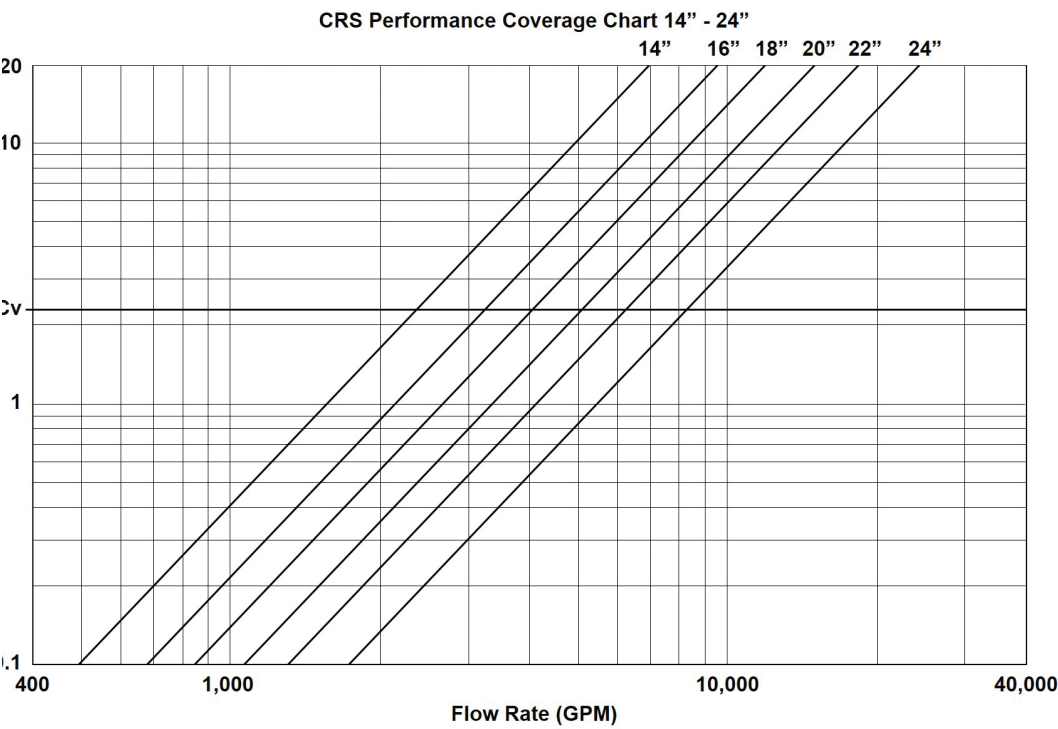
PART NUMBER	MODEL NUMBER	INLET/OUTLET CONNECTION	RECOMMENDED CAPACITY IN GPM (M ³ /HR)	TAGGING INFORMATION	QUANTITY
5333-14F-15-002	CRSN-14F	14" Flanged	2,530 (575)		
5333-16F-15-002	CRSN-16F	16" Flanged	3,300 (750)		
5333-18F-15-002	CRSN-18F	18" Flanged	4,180 (950)		
5333-20F-15-002	CRSN-20F	20" Flanged	5,200 (1,181)		
5333-22F-15-002	CRSN-22F	22" Flanged	6,165 (1,400)		
5333-24F-15-002	CRSN-24F	24" Flanged	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			
CRSN-14F	77.50 (1969)	39.00 (991)	45.00 (1143)	28.00 (711)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	1036 (470)	2674 (1213)	2,362
CRSN-16F	77.50 (1969)	39.00 (991)	50.00 (1270)	32.00 (813)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	1228 (558)	3384 (1535)	3,255
CRSN-18F	84.00 (2134)	40.00 (1016)	56.00 (1422)	36.00 (914)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	1463 (664)	4311 (1956)	4,048
CRSN-20F	89.00 (2261)	41.50 (1054)	61.50 (1562)	40.00 (1016)	14.00 (356)	3/4" NPT	1/2" NPT	2" NPT	1800 (817)	5524 (2506)	5,049
CRSN-22F	90.00 (2286)	43.00 (1092)	62.00 (1575)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	2162 (981)	7407 (3360)	6,216
CRSN-24F	90.00 (2286)	43.00 (1092)	62.00 (1575)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	2224 (1009)	7570 (3434)	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.



Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



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