

JOB:
REPRESENTATIVE:

 UNIT TAG:
 ENGINEER:
 CONTRACTOR:

 ORDER NUMBER:
 SUBMITTED BY:
 APPROVED BY:

 DATE:
 DATE:
 DATE:


CRS

Coalescing medium style air & sediment separator with removable head

DESCRIPTION

The Bell & Gossett CRS 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, 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)

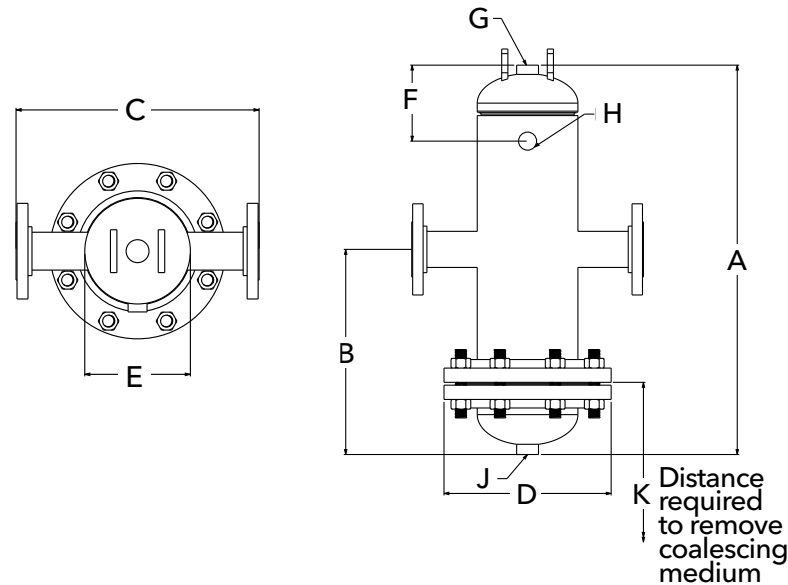
Max Temperature: 450°F (232°C)

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
5333-14F-15-001	CRS-14F	14" Flanged	2,530 (575)		
5333-16F-15-001	CRS-16F	16" Flanged	3,300 (750)		
5333-18F-15-001	CRS-18F	18" Flanged	4,180 (950)		
5333-20F-15-001	CRS-20F	20" Flanged	5,200 (1,181)		
5333-22F-15-001	CRS-22F	22" Flanged	6,165 (1,400)		
5333-24F-15-001	CRS-24F	24" Flanged	7,500 (1,703)		

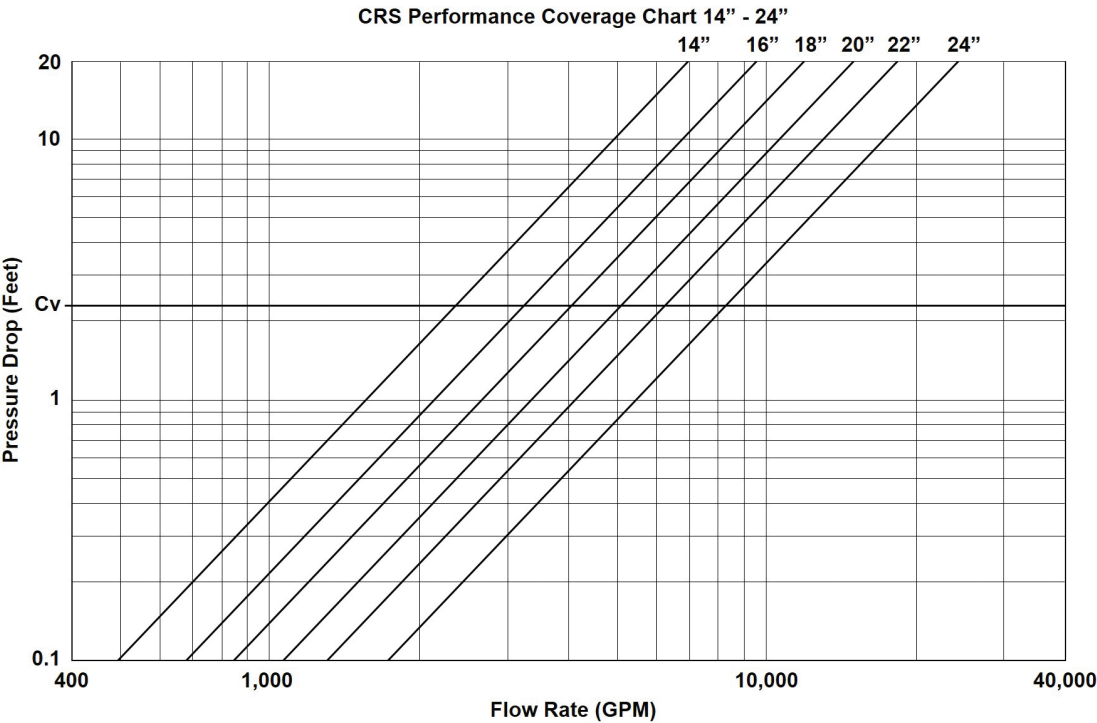


DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)										SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	D	E	F	G	H	J	K			
CRS-14F	77.50 (1969)	39.00 (991)	45.00 (1143)	33.00 (838)	28.00 (711)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	6.50 (165)	1369 (621)	3007 (1364)	2,362
CRS-16F	77.50 (1969)	39.00 (991)	50.00 (1270)	37.00 (940)	32.00 (813)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	6.50 (165)	1641 (745)	3797 (1723)	3,255
CRS-18F	84.00 (2134)	40.00 (1016)	56.00 (1422)	42.00 (1067)	36.00 (914)	12.50 (318)	3/4" NPT	1/2" NPT	2" NPT	8.50 (216)	2077 (943)	4925 (2234)	4,048
CRS-20F	89.00 (2261)	41.50 (1054)	61.50 (1562)	46.00 (1168)	40.00 (1016)	14.00 (356)	3/4" NPT	1/2" NPT	2" NPT	5.50 (140)	2589 (1175)	5765 (2615)	5,049
CRS-22F	90.00 (2286)	43.00 (1092)	62.00 (1575)	53.00 (1346)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	5.50 (140)	3148 (1428)	8394 (3808)	6,216
CRS-24F	90.00 (2286)	43.00 (1092)	62.00 (1575)	53.00 (1346)	48.00 (1219)	15.50 (394)	3/4" NPT	1/2" NPT	2" NPT	5.50 (140)	3210 (1457)	8556 (3881)	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.

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