

JOB:
REPRESENTATIVE:

 UNIT TAG:
 ENGINEER:
 CONTRACTOR:

 ORDER NUMBER:
 SUBMITTED BY:
 APPROVED BY:

 DATE:
 DATE:
 DATE:


CRSA

Coalescing medium style air separator
with non-removable head

DESCRIPTION

The Bell & Gossett CRSA is an air 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)

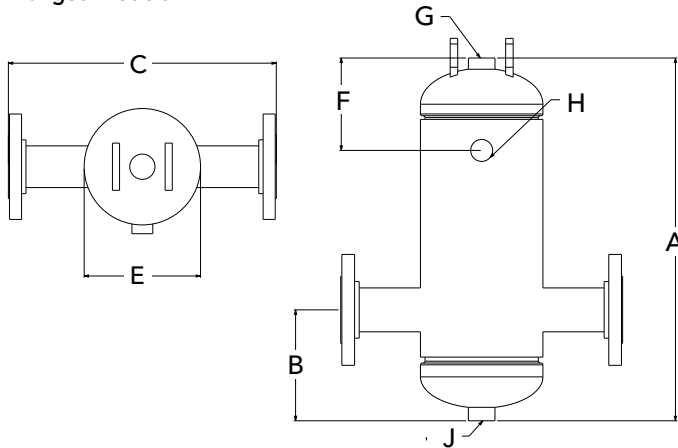
Min Temperature: -20°F (-29°C)

* Consult factory for higher working pressures or temperatures.

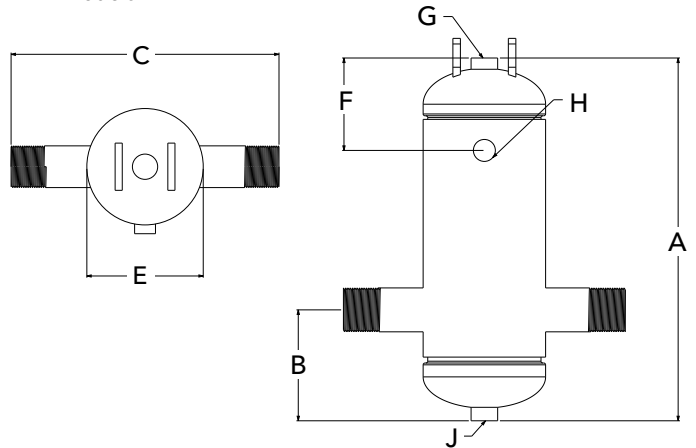
SCHEDULE

PART NUMBER	MODEL NUMBER	INLET/OUTLET CONNECTION	RECOMMENDED CAPACITY IN GPM (M ³ /HR)	TAGGING INFORMATION	QUANTITY
5337-02N-15-001	CRSA-2N	2" NPT Male	62 (14)		
5337-02F-15-001	CRSA-2F	2" Flanged	62 (14)		
5337-02G-15-001	CRSA-2G	2" Grooved	62 (14)		
5337-25N-15-001	CRSA-2-1/2N	2.5" NPT Male	96 (22)		
5337-25F-15-001	CRSA-2-1/2F	2.5" Flanged	96 (22)		
5337-25G-15-001	CRSA-2-1/2G	2.5" Grooved	96 (22)		
5337-03N-15-001	CRSA-3N	3" NPT Male	138 (31)		
5337-03F-15-001	CRSA-3F	3" Flanged	138 (31)		
5337-03G-15-001	CRSA-3G	3" Grooved	138 (31)		
5337-04N-15-001	CRSA-4N	4" NPT Male	245 (56)		
5337-04F-15-001	CRSA-4F	4" Flanged	245 (56)		
5337-04G-15-001	CRSA-4G	4" Grooved	245 (56)		
5337-05F-15-001	CRSA-5F	5" Flanged	383 (87)		
5337-05G-15-001	CRSA-5G	5" Grooved	383 (87)		
5337-06F-15-001	CRSA-6F	6" Flanged	550 (125)		
5337-06G-15-001	CRSA-6G	6" Grooved	550 (125)		
5337-08F-15-001	CRSA-8F	8" Flanged	980 (223)		
5337-08G-15-001	CRSA-8G	8" Grooved	980 (223)		
5337-10F-15-001	CRSA-10F	10" Flanged	1,530 (348)		
5337-10G-15-001	CRSA-10G	10" Grooved	1,530 (348)		
5337-12F-15-001	CRSA-12F	12" Flanged	2,205 (501)		
5337-12G-15-001	CRSA-12G	12" Grooved	2,205 (501)		

Flanged Models



NPT Models

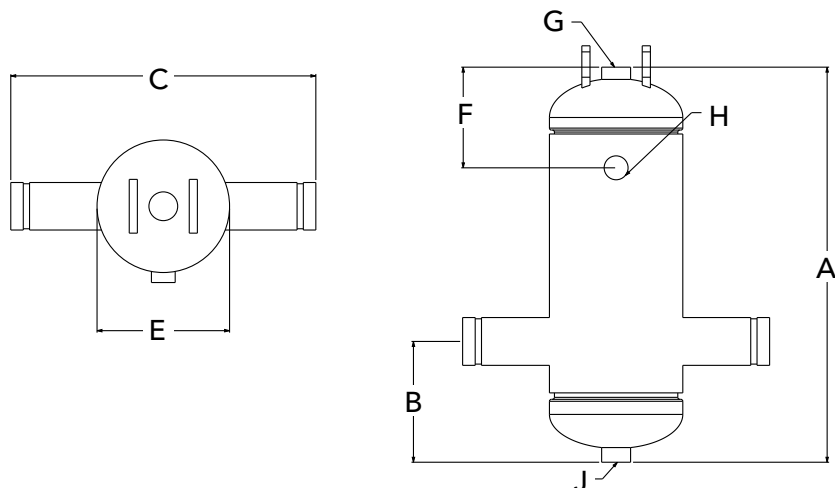


DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)								SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	E	F	G	H	J			
CRSA-2N	19.63 (498)	6.00 (152)	15.25 (387)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	28 (13)	52 (24)	72
CRSA-2-1/2N	19.63 (498)	6.00 (152)	15.75 (400)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	29 (14)	53 (25)	116
CRSA-3N	19.63 (498)	6.00 (152)	20.25 (514)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	31 (15)	57 (26)	168
CRSA-4N	23.00 (584)	8.00 (203)	20.63 (524)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	48 (22)	99 (45)	350
CRSA-2F	19.63 (498)	6.00 (152)	15.25 (387)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	38 (18)	61 (28)	72
CRSA-2-1/2F	19.63 (498)	6.00 (152)	15.75 (400)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	45 (21)	69 (32)	116
CRSA-3F	19.63 (498)	6.00 (152)	20.25 (514)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	49 (23)	75 (35)	168
CRSA-4F	23.00 (584)	8.00 (203)	20.63 (524)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	73 (34)	125 (57)	350
CRSA-5F	31.25 (794)	10.00 (254)	27.75 (705)	10.75 (273)	5.63 (143)	3/4" NPT	1/2" NPT	1" NPT	115 (53)	225 (103)	404
CRSA-6F	31.25 (794)	10.00 (254)	27.75 (705)	12.75 (324)	6.25 (159)	3/4" NPT	1/2" NPT	1" NPT	136 (62)	295 (134)	540
CRSA-8F	35.00 (889)	12.00 (305)	33.63 (854)	16.00 (406)	7.00 (178)	3/4" NPT	1/2" NPT	1" NPT	218 (99)	507 (230)	950
CRSA-10F	40.00 (1016)	14.00 (356)	37.50 (953)	20.00 (508)	8.00 (203)	3/4" NPT	1/2" NPT	1" NPT	311 (142)	834 (379)	1,463
CRSA-12F	54.00 (1372)	16.00 (406)	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.

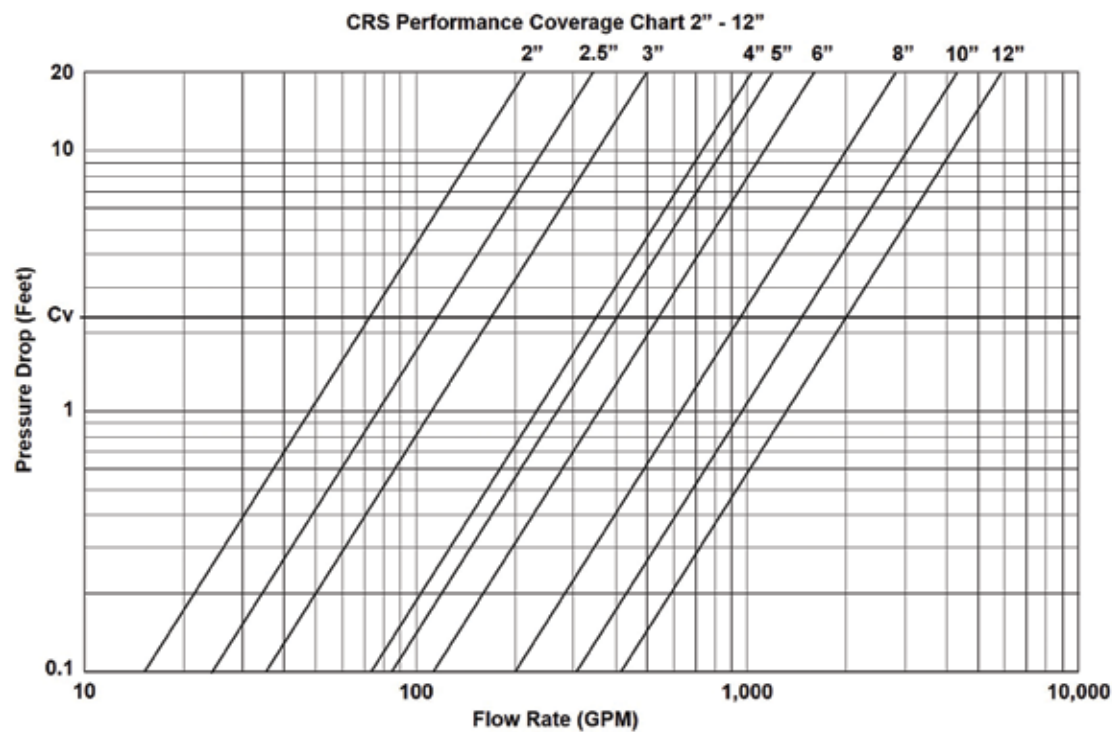


DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)								SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	E	F	G	H	J			
CRSA-2G	19.63 (498)	6.00 (152)	15.25 (387)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	28 (13)	52 (24)	72
CRSA-2-1/2G	19.63 (498)	6.00 (152)	15.75 (400)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	29 (14)	53 (25)	116
CRSA-3G	19.63 (498)	6.00 (152)	20.25 (514)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	31 (15)	57 (26)	168
CRSA-4G	23.00 (584)	8.00 (203)	20.63 (524)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	48 (22)	99 (45)	350
CRSA-5G	31.25 (794)	10.00 (254)	27.75 (705)	10.75 (273)	5.63 (143)	3/4" NPT	1/2" NPT	1" NPT	85 (39)	196 (89)	404
CRSA-6G	31.25 (794)	10.00 (254)	27.75 (705)	12.75 (324)	6.25 (159)	3/4" NPT	1/2" NPT	1" NPT	101 (46)	260 (118)	540
CRSA-8G	35.00 (889)	12.00 (305)	33.63 (854)	16.00 (406)	7.00 (178)	3/4" NPT	1/2" NPT	1" NPT	163 (74)	451 (205)	950
CRSA-10G	40.00 (1016)	14.00 (356)	37.50 (953)	20.00 (508)	8.00 (203)	3/4" NPT	1/2" NPT	1" NPT	234 (107)	756 (343)	1,463
CRSA-12G	54.00 (1372)	16.00 (406)	42.50 (1080)	24.00 (610)	9.00 (229)	3/4" NPT	1/2" NPT	1" NPT	404 (184)	1390 (631)	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.



Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Tel: (847) 966-3700 Fax: (847) 965-8379
www.xylem.com/bellgossett