

JOB:
REPRESENTATIVE:

 UNIT TAG:
 ENGINEER:
 CONTRACTOR:

 ORDER NUMBER:
 SUBMITTED BY:
 APPROVED BY:

 DATE:
 DATE:
 DATE:


CRSD Mag

Coalescing medium style sediment separator with removable head and magnetic insert

DESCRIPTION

The Bell & Gossett CRSD is a sediment separator that utilizes a coalescing medium and magnetic insert to remove impurities from HVAC systems. It features a stainless steel coalescing medium with 58% open area, removable end cover for coalescing medium access, connections for an air vent, blow down valve, skim valve, and magnetic insert with 13,550 gauss strength. The product is designed, constructed, inspected and stamped per ASME Section VIII, Division 1.

CONSTRUCTION MATERIALS

Shell: Carbon Steel

Coalescing Medium: Stainless Steel

Magnet: Neodymium 45H

OPERATING DATA*

Max Working Pressure: 150 psig (1,034 kPa)

Max Temperature: 450°F (232°C)

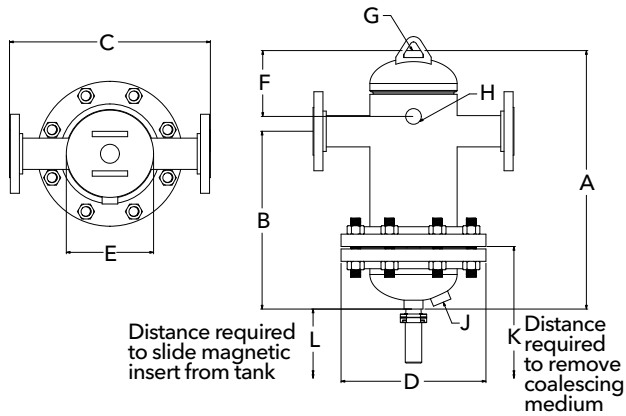
Min Temperature: -20°F (-29°C)

* Consult factory for higher working pressures or temperatures.

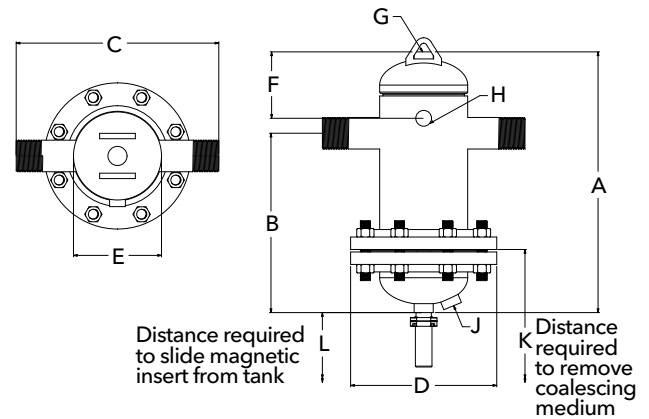
SCHEDULE

PART NUMBER	MODEL NUMBER	INLET/OUTLET CONNECTION	RECOMMENDED CAPACITY IN GPM (M ³ /HR)	TAGGING INFORMATION	QUANTITY
5337-02N-15-004	CRSD-2N Mag	2" NPT Male	62 (14)		
5337-02F-15-004	CRSD-2F Mag	2" Flanged	62 (14)		
5337-02G-15-004	CRSD-2G Mag	2" Grooved	62 (14)		
5337-25N-15-004	CRSD-2-1/2N Mag	2.5" NPT Male	96 (22)		
5337-25F-15-004	CRSD-2-1/2F Mag	2.5" Flanged	96 (22)		
5337-25G-15-004	CRSD-2-1/2G Mag	2.5" Grooved	96 (22)		
5337-03N-15-004	CRSD-3N Mag	3" NPT Male	138 (31)		
5337-03F-15-004	CRSD-3F Mag	3" Flanged	138 (31)		
5337-03G-15-004	CRSD-3G Mag	3" Grooved	138 (31)		
5337-04N-15-004	CRSD-4N Mag	4" NPT Male	245 (56)		
5337-04F-15-004	CRSD-4F Mag	4" Flanged	245 (56)		
5337-04G-15-004	CRSD-4G Mag	4" Grooved	245 (56)		
5337-05F-15-004	CRSD-5F Mag	5" Flanged	383 (87)		
5337-05G-15-004	CRSD-5G Mag	5" Grooved	383 (87)		
5337-06F-15-004	CRSD-6F Mag	6" Flanged	550 (125)		
5337-06G-15-004	CRSD-6G Mag	6" Grooved	550 (125)		
5337-08F-15-004	CRSD-8F Mag	8" Flanged	980 (223)		
5337-08G-15-004	CRSD-8G Mag	8" Grooved	980 (223)		
5337-10F-15-004	CRSD-10F Mag	10" Flanged	1,530 (348)		
5337-10G-15-004	CRSD-10G Mag	10" Grooved	1,530 (348)		
5337-12F-15-004	CRSD-12F Mag	12" Flanged	2,205 (501)		
5337-12G-15-004	CRSD-12G Mag	12" Grooved	2,205 (501)		

Flanged Models



NPT Models

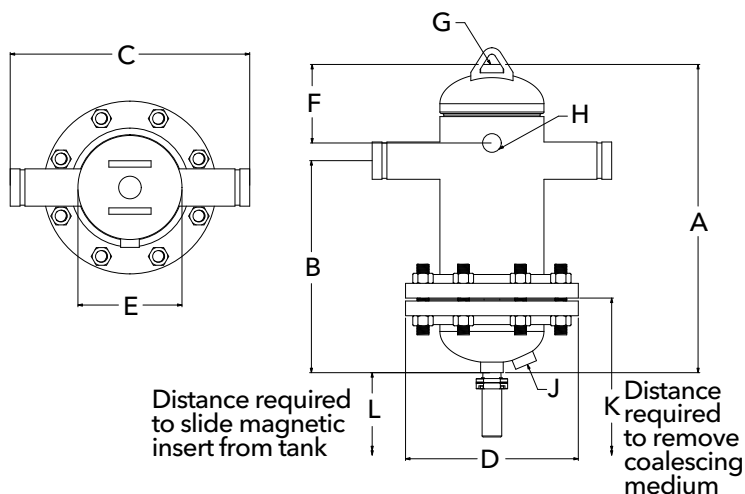


DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)											SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	D	E	F	G	H	J	K	L			
CRSD-2N Mag	19.63 (498)	13.50 (343)	15.25 (387)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	16 (407)	71 (33)	93 (43)	72
CRSD-2-1/2N Mag	19.63 (498)	13.50 (343)	15.75 (400)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	16 (407)	72 (33)	95 (44)	116
CRSD-3N Mag	19.63 (498)	13.50 (343)	20.25 (514)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	16 (407)	75 (35)	99 (45)	168
CRSD-4N Mag	23.00 (584)	15.25 (387)	20.63 (524)	13.50 (343)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	9.00 (229)	16 (407)	112 (51)	161 (74)	350
CRSD-2F Mag	19.63 (498)	13.50 (343)	15.25 (387)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	16 (407)	81 (37)	103 (47)	72
CRSD-2-1/2F Mag	19.63 (498)	13.50 (343)	15.75 (400)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	16 (407)	88 (40)	110 (50)	116
CRSD-3F Mag	19.63 (498)	13.50 (343)	20.25 (514)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	16 (407)	92 (42)	117 (54)	168
CRSD-4F Mag	23.00 (584)	15.25 (387)	20.63 (524)	13.50 (343)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	9.00 (229)	16 (407)	137 (63)	186 (85)	350
CRSD-5F Mag	31.25 (794)	19.00 (483)	27.75 (705)	16.00 (406)	10.75 (273)	5.63 (143)	3/4" NPT	1/2" NPT	1" NPT	16.00 (406)	16 (407)	213 (97)	318 (145)	404
CRSD-6F Mag	31.25 (794)	19.00 (483)	27.75 (705)	19.00 (483)	12.75 (324)	6.25 (159)	3/4" NPT	1/2" NPT	1" NPT	13.00 (330)	16 (407)	275 (125)	429 (195)	540
CRSD-8F Mag	35.00 (889)	24.00 (610)	33.63 (854)	23.50 (597)	16.00 (406)	7.00 (178)	3/4" NPT	1/2" NPT	1" NPT	13.00 (330)	16 (407)	461 (210)	741 (337)	950
CRSD-10F Mag	40.00 (1016)	26.00 (660)	37.50 (953)	27.50 (699)	20.00 (508)	8.00 (203)	3/4" NPT	1/2" NPT	1" NPT	15.00 (381)	16 (407)	696 (316)	1204 (547)	1,463
CRSD-12F Mag	54.00 (1372)	37.50 (953)	42.50 (1080)	32.00 (813)	24.00 (610)	9.00 (229)	3/4" NPT	1/2" NPT	1" NPT	8.50 (216)	16 (407)	1037 (471)	2006 (910)	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.

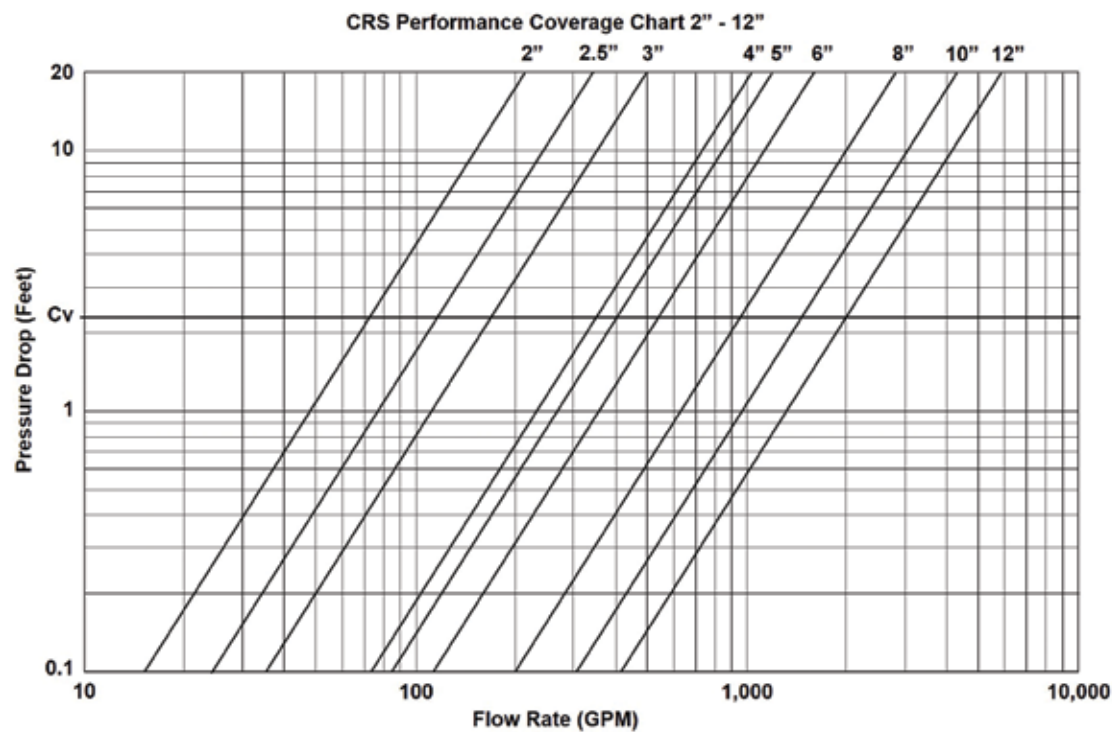


DIMENSIONS AND WEIGHTS

MODEL NUMBER	DIMENSIONS - INCHES (mm)											SHIPPING WEIGHT LBS (KG)	FLOODED WEIGHT LBS (KG)	CV
	A	B	C	D	E	F	G	H	J	K	L			
CRSD-2G Mag	19.63 (498)	13.50 (343)	15.25 (387)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	16 (407)	71 (33)	93 (43)	72
CRSD-2-1/2G Mag	19.63 (498)	13.50 (343)	15.75 (400)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	16 (407)	72 (33)	95 (44)	116
CRSD-3G Mag	19.63 (498)	13.50 (343)	20.25 (514)	11.00 (279)	6.63 (168)	5.00 (127)	3/4" NPT	1/2" NPT	1" NPT	7.50 (191)	16 (407)	75 (35)	99 (45)	168
CRSD-4G Mag	23.00 (584)	15.25 (387)	20.63 (524)	13.50 (343)	8.63 (219)	5.38 (137)	3/4" NPT	1/2" NPT	1" NPT	9.00 (229)	16 (407)	112 (51)	161 (74)	350
CRSD-5G Mag	31.25 (794)	19.00 (483)	27.75 (705)	16.00 (406)	10.75 (273)	5.63 (143)	3/4" NPT	1/2" NPT	1" NPT	16.00 (406)	16 (407)	184 (84)	288 (131)	404
CRSD-6G Mag	31.25 (794)	19.00 (483)	27.75 (705)	19.00 (483)	12.75 (324)	6.25 (159)	3/4" NPT	1/2" NPT	1" NPT	13.00 (330)	16 (407)	240 (109)	393 (179)	540
CRSD-8G Mag	35.00 (889)	24.00 (610)	33.63 (854)	23.50 (597)	16.00 (406)	7.00 (178)	3/4" NPT	1/2" NPT	1" NPT	13.00 (330)	16 (407)	405 (184)	684 (311)	950
CRSD-10G Mag	40.00 (1016)	26.00 (660)	37.50 (953)	27.50 (699)	20.00 (508)	8.00 (203)	3/4" NPT	1/2" NPT	1" NPT	15.00 (381)	16 (407)	619 (281)	1125 (511)	1,463
CRSD-12G Mag	54.00 (1372)	37.50 (953)	42.50 (1080)	32.00 (813)	24.00 (610)	9.00 (229)	3/4" NPT	1/2" NPT	1" NPT	8.50 (216)	16 (407)	923 (419)	1889 (857)	2,000

IMPORTANT NOTES

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