

## INDUSTRIAL C44

### SINGLE LIQUID CARTRIDGE HOUSINGS



C44 Single Liquid Cartridge Housings give the versatility of choosing cartridges for the needed flow rates, chemical compatibility and particle retention. The C44 accommodates one element in 10", 20", 30" or 40" (254, 508, 762, 1,016 mm) lengths.

#### FEATURES/BENEFITS

Flow rates to 20 gpm (75.8 Lpm)  
150 and 300 PSI (10.3 and 20.7 bar)  
pressure ratings  
Carbon or Stainless Steel construction  
Zinc-plated quick-swing closure with eye  
nuts  
Buna-N lid seal  
316 Stainless Steel cup and spring  
assemblies

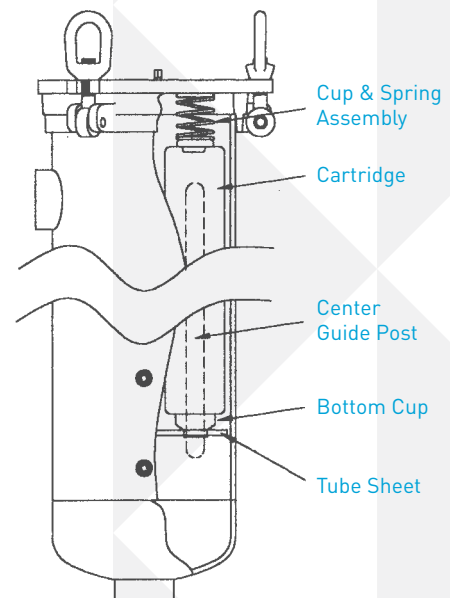
Differential, drain, and vent ports  
316 Stainless Steel center guide post  
Two-part epoxy paint inside and outside  
on carbon steel housings  
Made to accept double open end  
cartridges (DOE) or 222 style with closed  
top cap\*

#### APPLICATIONS

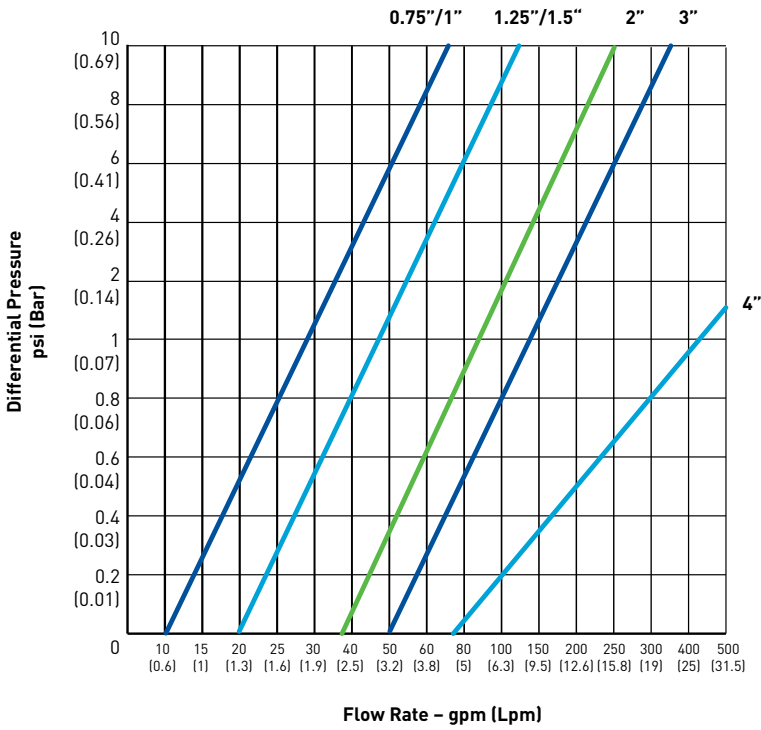
Commercial  
General Industrial

#### OPTIONS

Duplexing for continual flow during  
maintenance  
Higher pressure rating  
226 style cartridge compatibility  
Fin style top  
ASME Code U or UM  
Adjustable support legs



**PRESSURE DROP VS FLOW RATE**



**STYLE A - BOTTOM OUTLET**

**STYLE B - SIDE OUTLET**

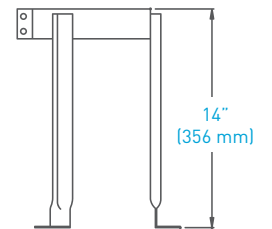
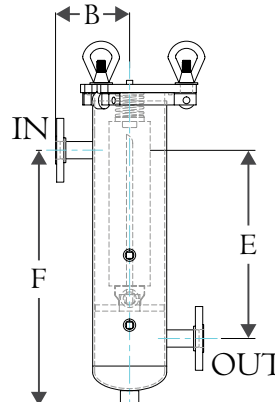
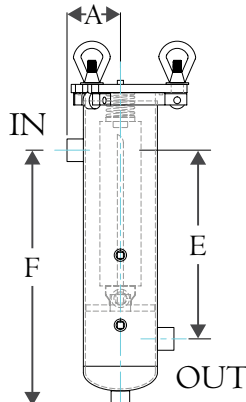
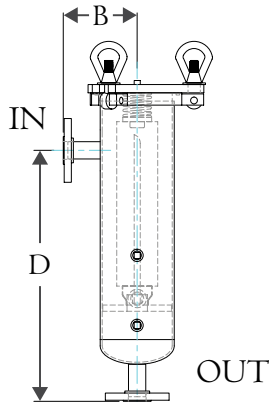
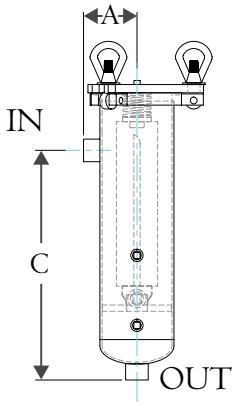
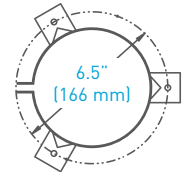
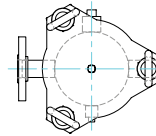
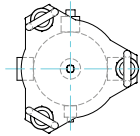
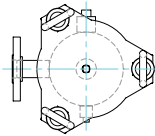
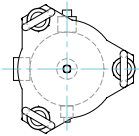
THREADED NPT

FLANGED 150 LB A.N.S.I.

THREADED NPT

FLANGED 150 LB A.N.S.I.

**OPTIONAL ADJUSTABLE LEGS**



## DIMENSIONS

HOUSING	CARTRIDGE QUANTITY	CARTRIDGE LENGTH	CONNECTION SIZE (IN.)	METRIC	DIMENSIONS					
					A	B	C	D	E	F
C44	1	10"	0.5	IN	3.2	4.5	13.9	15.3	11.3	15.3
				MM	81	114	354	387	287	389
			0.75	IN	3.3	4.5	14.0	15.3	11.4	15.6
				MM	83	114	355	387	291	395
			1	IN	3.3	4.5	14.1	15.3	11.6	15.9
				MM	83	114	358	387	295	405
			1.25	IN	3.3	4.5	14.2	15.3	11.9	16.4
				MM	83	114	360	387	302	418
			1.5	IN	3.4	4.5	14.4	15.3	12.0	16.7
				MM	87	114	367	387	305	424
			2	IN	3.4	4.5	14.5	15.3	12.3	17.2
				MM	86	114	368	389	311	437
		20"	0.5	IN	3.2	4.5	23.9	25.3	21.3	25.3
				MM	81	114	608	641	541	643
			0.75	IN	3.3	4.5	24.0	25.3	21.4	25.6
				MM	83	114	610	641	545	649
			1	IN	3.3	4.5	24.1	25.3	21.6	25.9
				MM	83	114	612	641	549	659
			1.25	IN	3.3	4.5	24.2	25.3	21.9	26.4
				MM	83	114	614	641	556	672
			1.5	IN	3.4	4.5	24.4	25.3	22.0	26.7
				MM	87	114	621	641	559	678
			2	IN	3.4	4.5	24.5	25.3	22.3	27.2
				MM	86	114	622	643	565	691
		30"	0.5	IN	3.2	4.5	33.9	35.3	31.3	35.3
				MM	81	114	862	895	795	897
			0.75	IN	3.3	4.5	34.0	35.3	31.4	35.6
				MM	83	114	864	895	799	903
			1	IN	3.3	4.5	34.1	35.3	31.6	35.9
				MM	83	114	866	895	803	913
			1.25	IN	3.3	4.5	34.2	35.3	31.9	36.4
				MM	83	114	868	895	810	926
			1.5	IN	3.4	4.5	34.4	35.3	32.0	36.7
				MM	87	114	875	895	813	932
			2	IN	3.4	4.5	34.5	35.3	32.3	37.2
				MM	86	114	876	897	819	945
		40"	0.5	IN	3.2	4.5	43.9	45.3	41.3	45.3
				MM	81	114	1,116	1,149	1,049	1,151
			0.75	IN	3.3	4.5	44.0	45.3	41.4	45.6
				MM	83	114	1,118	1,149	1,053	1,157
			1	IN	3.3	4.5	44.1	45.3	41.6	45.9
				MM	83	114	1,120	1,149	1,057	1,167
			1.25	IN	3.3	4.5	44.2	45.3	41.9	46.4
				MM	83	114	1,122	1,149	1,064	1,180
			1.5	IN	3.4	4.5	44.4	45.3	42.0	46.7
				MM	87	114	1,129	1,149	1,067	1,186
			2	IN	3.4	4.5	44.5	45.3	42.3	47.2
				MM	86	114	1,130	1,151	1,073	1,199

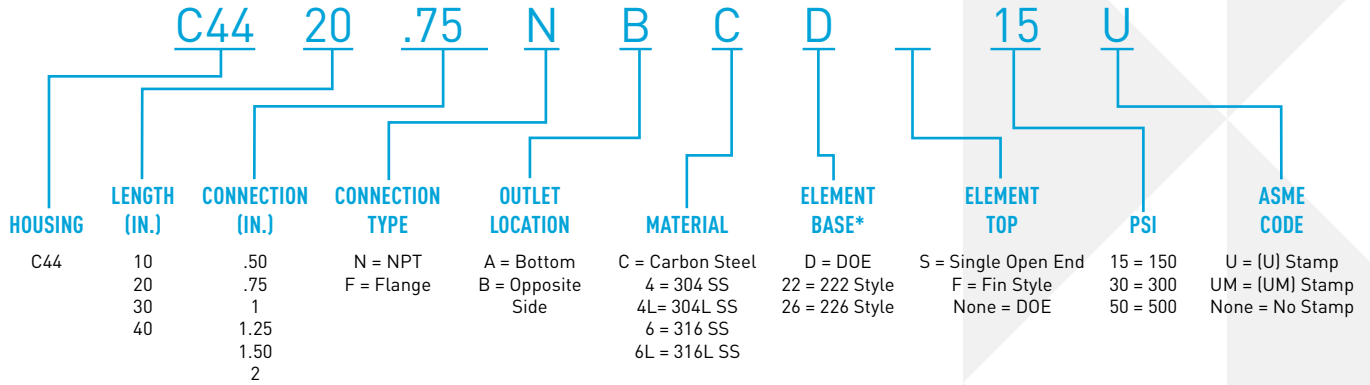
All dimensions are approximate.

## ORDERING INFORMATION

To create your ordering part number, use the part number configurator below.  
 Custom configurations available. Please contact customer service.

### HOUSING EXAMPLE: C4420.75NBCD15U

C44 housing (C44), 20" length (20), 0.75" (.75), NPT connection (N)  
 Outlet location on opposite side (B), Carbon steel (C), Double open ended element (D)  
 150 psi (15), ASME Code (U) Stamp (U)



Note: If DOE, it is only required once in the part number and will specify both top and base. Cartridges are not included but must be specified as to the type using when ordering the housing. Carbon steel not recommended for water use as the epoxy coating is not designed as a corrosion inhibitor.



FILTRATION & PROCESS

# LENNTECH

info@lenntech.com Tel. +31-152-610-900

www.lenntech.com Fax. +31-152-616-289

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