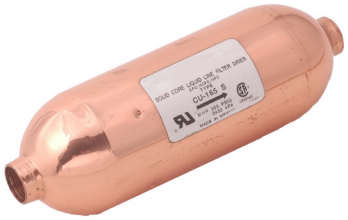
The CU series is a high capacity spun copper solid core Filter Drier ideal for superior corrosion resistance in ocean going vessels and coastal applications.



Features

- All copper construction for extreme corrosion resistance
- 100% molecular sieve solid core drier
- For use with CFC, HCFC and HFC refrigerants

Nomenclature example: CU 163S

CU	16	3	S
Series	Unit Size	Connection Size (in 1/8")	ODF

Specifications

- Maximum working pressure: 500 psig
- Filtration: 40 microns
- UL/CUL file number: SA 7175

Ordering Information and Capacity Tables

PCN	Description	Connection	Flow Capacity Tons @ 1 psi ΔP[4] (For kW, multiply tons by 3.5)					Water Capacity[2] Drops of Water[3]											
								R-12		R-134a		R-22		R-407C		R-404A/R-507		R-502	
			R-12	R-134a	R-22	R-407C	R-404A/R-507	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F	75°F	125°F
064388	CU 03 2 S	1/4 ODF	1.4	1.7	1.8	1.8	1.2	96	87	93	87	87	81	72	57	96	93	90	81
064389	CU 03 3 S	3/8 ODF	2.1	2.6	2.8	2.7	1.9												
064390	CU 05 2 S	1/4 ODF	1.5	1.8	2.0	2.0	1.3	112	101	108	101	101	93	82	63	112	108	104	93
064391	CU 05 3 S	3/8 ODF	2.1	2.6	2.8	2.7	1.9												
064392	CU 08 2 S	1/4 ODF	1.6	1.9	2.1	2.1	1.4	212	191	205	191	191	177	156	122	212	205	198	177
064393	CU 08 3 S	3/8 ODF	2.9	3.5	3.8	3.7	2.5												
064394	CU 08 4 S	1/2 ODF	3.5	4.2	4.6	4.5	3.1												
064395	CU 16 3 S	3/8 ODF	3.3	4.0	4.3	4.2	2.9	287	257	277	257	257	237	207	158	287	277	267	237
064396	CU 16 4 S	1/2 ODF	3.9	4.7	5.1	5.0	3.4												
064397	CU 16 5 S	5/8 ODF	4.4	5.4	5.8	5.7	3.9												

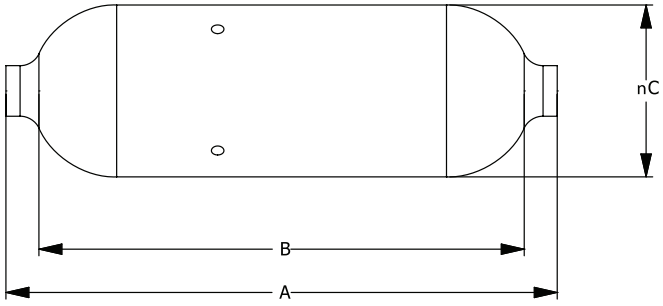
[1] All ratings in accordance with ARI Standard 710-04. 86°F liquid refrigerant temperature
5°F saturated vapor temperature
3.1 lbs./min./ton for R-134a
2.9 lbs./min./ton for R-22 and R-407C
4.0 lbs./min./ton for R-404A/507 and R-12
2.7 lbs./min./ton for R-410A

[2] Water Capacities are based on:
Equilibrium Point Dryness (EPD) of:
50 parts per million for R-134a, R404-A/507, R-410A and R-407C
60 parts per million for R-22
15 parts per million for R-12

[3] 20 drops of water = 1 gram = 1 cc

[4] For 2 PSI ΔP, Multiply values by 1.4

Dimensional Data (in)



Description	Overall Length (A)	Lay-In Dimension (B)	Diameter
CU 03	3.94	3.25	1.63
CU 05	5.19	4.50	1.63
CU 08	6.06	5.38	2.00
CU 16	6.63	6.00	2.00