



**96-TSC**

**96-TSC COMPACT SUCTION LINE DRIERS**

96-TSC Suction Line Filter-Driers are Designed for Use in Air-Conditioning, Heat Pump, and Refrigeration Systems in Which the Available Space in the Suction Line is Limited. Especially Useful in Heat Pump Systems Where the Drier Must be Placed Between the Reversing Valve and the Compressor

**FEATURES**

- High organic and inorganic acid removal.
- Dual access valves.
- Solid block desiccant core.
- For use with HCFCs, CFCs and the lubricants that go with them.
- Solid copper ODF fittings.
- Corrosion resistant paint.

**SPECIFICATIONS**

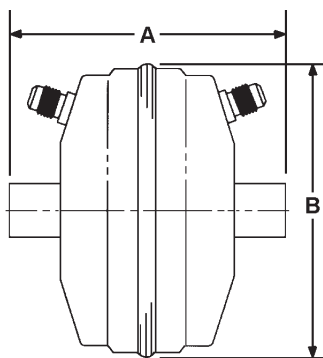
Maximum working pressure . . . . . 302 psig  
 Minimum burst pressure . . . . . 1510 psig  
 Agency . . . . . UL listed file number SA7175  
 CSA listed file number LR100624

COOLING / REFRIGERATION

**CONNECTIONS, DIMENSIONS, FLOW CAPACITIES<sup>®</sup> IN REFRIGERANT TONS AT SELECTED EVAPORATOR TEMPERATURES**

Model Number	Connection	Dimension		Flow Capacity in Tons Refrigerant <sup>1</sup> (For kW, Multiply Tons By 3.5) <sup>2</sup>																			
				R-134a					R-22					R-410A					R502				
				Evaporator Temperature (°F)					Evaporator Temperature (°F)					Evaporator Temperature (°F)					Evaporator Temperature (°F)				
				40	20	0	-20		40	20	0	-20	-40	40	20	0	-20	-40	40	20	0	-20	-40
					Pressure Drop (PSI)					Pressure Drop (PSI)					Pressure Drop (PSI)								
		A	B	2	1.5	1	0.5	3	2	1.5	1	0.5	3	2	1.5	1	0.5	3	2	1.5	1	0.5	
96-TSC146S	5/8 ODF	4.49	4.57	2.3	1.5	0.9	0.5	3.6	2.5	2.4	1.0	0.5	3.7	2.4	1.6	1.0	0.5	2.6	1.7	1.1	0.7	0.3	
96-TSC147S	1/2 ODF	4.55	4.57	3.3	2.2	1.4	0.7	5.2	3.4	2.3	1.5	0.8	5.3	3.5	2.3	1.5	0.8	3.6	2.3	1.5	0.9	0.5	

<sup>1</sup> All Ratings in accordance with ARI standard 730-04  
<sup>2</sup> Example: 1.0 tons x 3.5 = 3.5 KW



**96-TSC  
Dimensional Drawing**