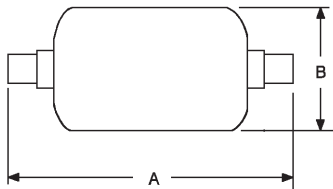
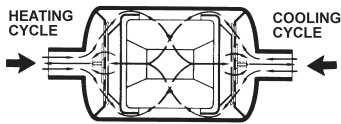




96-TBF

COOLING /
REFRIGERATION



**96-TBF Series
Dimensional Drawing**

96-TBF BI-DIRECTIONAL HEAT PUMP DRIERS

Bi-Directional Driers Designed to Provide Complete Protection to Your Heat Pump or Reverse Cycle System. This Compact Design Filters Contaminants, Removes Moisture & Acids During the Cooling & Heating Cycles During Winter and Summer. Internal Check Valves Prevent the Release of Collected Contaminants When the Heat Pump Cycles from the Heating to Cooling Modes

FEATURES

- Proven, nylon internal check valves.
- Solid block desiccant core: a composite of molecular sieve and activated alumina.
- Provides high moisture, organic and inorganic acid removal.
- The addition of charcoal to the desiccant core allows for the removal of wax that may occur at low evaporator temperatures.
- Solid copper ODF fittings.
- Corrosion resistant paint.

SPECIFICATIONS

Maximum Working Pressure	500 psig
Minimum Burst Pressure	2500 psig
Agency	U.L. file number SA7175 C.S.A. file number LR100624

INSTALLATION NOTE: The drier may be installed in any position in the reversing liquid line.

SELECTION NOTE: Given the proper liquid line size, connection type and tonnage of the refrigerant system, the correct drier may be selected using the chart below. Choosing a unit size with sufficient water capacity to reduce moisture content of the system to a safe level should be considered.

SELECTION: CONNECTIONS, DIMENSIONS, FLOW CAPACITIES

Model Number	Connection	Dimension		Flow Capacity in Tons Refrigerant ¹ (For kW, Multiply Tons By 3.5) ²		
				R-22	R-410A	R-407A
96-TBF163S	3/8 ODF	6.31	2.63	7.5	7.7	7.5
96-TBF164S	1/2 ODF	6.34	2.63	11.7	11.9	11.7
96-TBF165S	5/8 ODF	6.63	3.09	12.4	12.6	12.4

¹ All Ratings in accordance with ARI standard 710-04 liquid refrigerant Temperature 5°F Saturated vapor temperature
 3.1 lbs/min/ton R134a
 2.9 lbs/min/ton R22 and R407C
 4.0 lbs/min/ton R404A/507 and R-12
 4.4 lbs/min/ton R502
 2.7 lbs/min/ton R410A

² Example: 1.0 tons x 3.5 = 3.5 KW