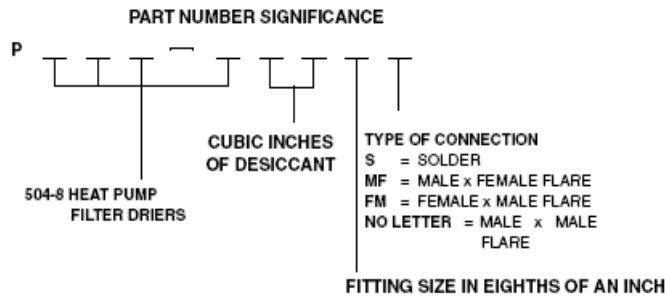


## TOTALINE® HEAT PUMP FILTER DRIERS — P504 SERIES

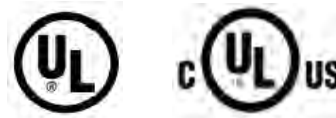


### APPLICATION

Totaline New Bi-Directional Filter Drier provides heat pump system protection in heating and cooling cycles Summer & Winter ... with one compact unit. It reduces complex piping and the resulting costs.

### FEATURES

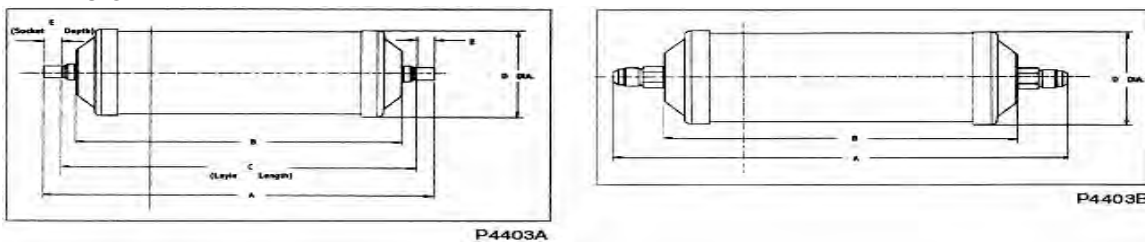
- For use with CFC & HCFC refrigerants.
- Removes moisture, acids and solids.
- Bi-Directional...Eliminates need for external check valves.
- Sealed type.
- Corrosion resistant epoxy powder paint finish.
- May be mounted in any position.
- Reduces compressor maintenance.
- Solid copper sweat connections.



### SPECIFICATIONS

- Desiccant blend - 75% molecular sieve & 25% activated alumina.
- Filtration: 40 microns
- Maximum Working Pressure: 680 PSIG
- UL/CUL file number: SA3124

### DIMENSIONAL DATA



### PHYSICAL DATA

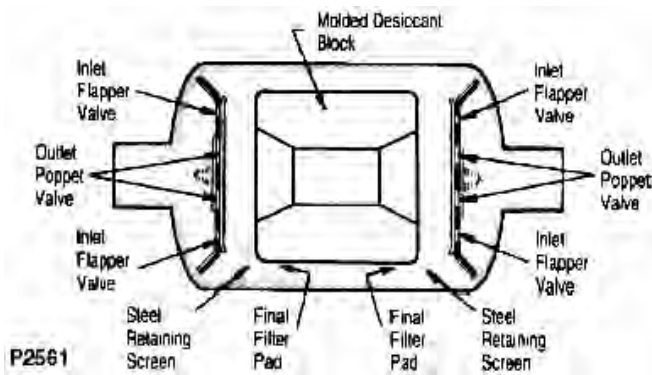
PART NO	CONNECTION SIZE & TYPE	DIMENSIONS (in)					SHIP WT (lbs)
P504-8083	3/8 SAE	5.94	3.82	—	2.62	—	1
P504-8083S	3/8 ODF	5.29	3.82	4.48	2.62	0.4	1
P504-8084	1/2 SAE	6.16	3.82	—	2.62	—	1
P504-8084S	1/2 ODF	5.38	3.82	4.38	2.62	0.50	1
P504-8085	5/8 SAE	6.62	3.82	—	2.62	—	1
P504-8085S	5/8 ODF	5.6	3.82	4.35	2.62	0.63	1
P504-8163	3/8 SAE	6.74	4.61	—	2-5/8	—	2
P504-8163S	3/8 ODF	6.08	4.61	5.28	2-5/8	0.4	2
P504-8164	1/2 SAE	6.96	4.61	—	2-5/8	—	2
P504-8164S	1/2 ODF	6.17	4.61	5.17	3.15	0.5	3.75
P504-8165	5/8 SAE	7.41	4.61	—	3.15	—	3.75
P504-8165S	5/8 ODF	6.39	4.61	5.14	3.15	0.63	3.75

# Refrigeration

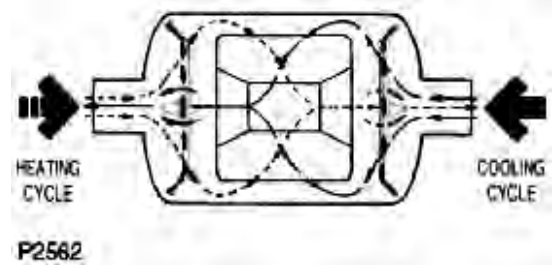
## TOTALINE® HEAT PUMP FILTER DRIERS — P504 SERIES

### TOTALINE HEAT PUMP FILTER DRIERS CAPACITY TABLE

INTERNAL CONSTRUCTION



BASIC FLOW PATTERNS



CAPACITY TABLE

PART NO	FLOW CAPACITY TONS @ 1 PSI			WATER CAPACITY					
				Drops of Water					
	R-22	R-410A	R-407C	R-22		R-407C		R-410A	
				75°F	125°F	75°F	125°F	75°F	125°F
P504-8083	4.5	4.4	4.5	159	144	106	79	85	75
P504-8083S	5.1	5	5.1	159	144	106	79	85	75
P504-8084	6.4	6.3	6.4	159	144	106	79	85	75
P504-8084S	6.7	6.6	6.7	159	144	106	79	85	75
P504-8085	7.8	7.7	7.8	159	144	106	79	85	75
P504-8085S	8.1	7.9	8.1	159	144	106	79	85	75
P504-8163	4.6	4.5	4.6	323	294	237	179	178	160
P504-8163S	5.2	5.1	5.2	323	294	237	179	178	160
P504-8164	7.7	7.6	7.7	323	294	237	179	178	160
P504-8164S	8.1	7.9	8.1	323	294	237	179	178	160
P504-8165	8.3	8.1	8.3	323	294	237	179	178	160
P504-8165S	8.7	8.5	8.7	323	294	237	179	178	160

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

Oils &  
Chemicals

Accessories, Supplies  
& Commodities

Tools &  
Instruments

Refrigeration