

## SPORLAN - REVERSIBLE HEAT PUMP FILTER-DRIER



### DESIGN BENEFITS

- A short overall length for easy installation.
- Drier operates in either flow direction with low pressure drop.
- Proven metal check valves used in construction — no synthetic materials.
- The Sporlan dependable molded core used for maximum filtration ability. When the flow direction reverses, dirt already collected remains in the filter-drier.
- A carefully engineered blend of desiccants for maximum water capacity and acid removal ability. The HPC-160-HH Series also has the HH style core with activated charcoal which offers maximum ability to remove oleoresin and other reactive chemical constituents in the oil.
- Same rugged construction as used in the Catch-All.

### SPECIFICATIONS -FOR NEW INSTALLATIONS AND HFC SYSTEM USE

Part No	Connection Size Inches	Selection Recommendations Tons	Dimensions		Flow Capacity Tons at 1 psi ΔP		Water Capacity				Liquid Capacity Ounces (Wt.) @100°F	
			Overall Length Inches	Diameter Inches	R-22	R-410A	Refrigerant				R-22	R-410A
							R-22 Drops at 60 ppm		R-410A Drops at 80 ppm			
				75°F	125°F	75°F	125°F					
HPC-103	3/8 Flare	1 thru 5	6.75	3.00	3.4	3.3	215	176	171	105	12.2	10.6
HPC-103-S	3/8 Solder		5.88									
HPC-104	1/2 Flare		6.94									
HPC-104-S	1/2 Solder		6.00									

### FOR CLEAN-UP AFTER BURNOUT

Part No	Connection Size Inches	Selection Recommendations Tons	Dimensions		Flow Capacity R-22 Tons at 1 psi ΔP	Water Capacity Refrigerant 22 Drops at 60 ppm		Liquid Capacity Ounces (Wt.) R-22 @ 100°F
			Overall Length Inches	Diameter Inches		75°F	125°F	
HPC-163-HH	3/8 Flare	1 thru 5	7.78	3.00	3.7	93	81	14.5
HPC-163-S-HH	3/8 Solder	1 thru 5	6.92	3.00	3.7	93	81	14.5
HPC-164-HH	1/2 Flare	1 thru 5	7.95	3.00	4.0	93	81	14.5
HPC-164-S-HH	1/2 Solder	1 thru 5	7.07	3.00	4.0	93	81	14.5
HPC-165-HH	5/8 Flare	1 thru 5	8.28	3.00	4.9	93	81	14.5
HPC-165-S-HH	5/8 Solder	1 thru 5	7.35	3.00	4.9	93	81	14.5

UL and ULc Listed - Guide-SMGT-File No. SA-1756A & B. Core volume is 10 cubic inches for HPC-100 Series and 14 cubic inches for the HPC-160-HH Series. Core surface filtering area is 18 sq. in. for the HPC-100 Series and 26 sq. in. for the HPC-160-HH Series.

HPC-100 Series are rated for 650 psig; HPC-160-HH have a 500 psig rating.

\*As of this printing, ARI has not established an EPD for R-410A.