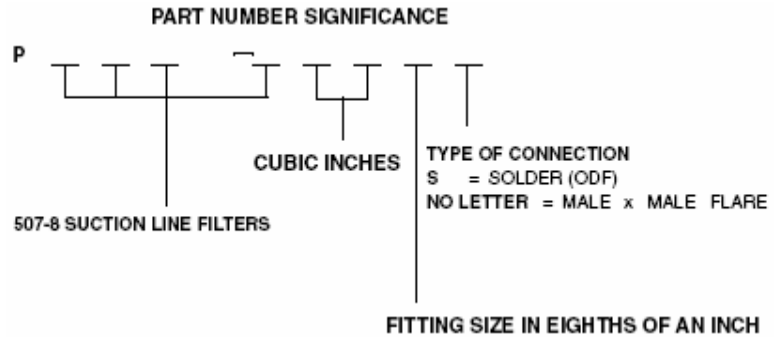


TOTALINE® SUCTION LINE FILTER — P507-8 SERIES (Premium Series)



APPLICATION

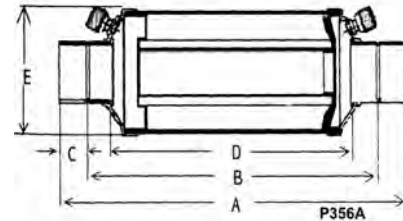
Totaline Suction Line Filters protect the compressor from harmful solid contaminants.

FEATURES

- Solid copper fittings
- Dual Access Valves
- Corrosion Resistant Epoxy Paint Finish

SPECIFICATIONS

- Maximum Working Pressure: 500 PSIG
- Filtration: 40 microns
- UL & CSA Approved: UL file number: SA3124,
 CSA file numbers: LR100624, LR3262



PHYSICAL DATA

PART NO	CONNECTION SIZE & TYPE	UNIT SIZE (in cu in)	DIMENSIONS					SHIP WT (lbs)
			A	B	C	D	E	
P507-8284S	1/2 ODF	28	5-11/16	4-11/16	1/2	4-1/8	3-11/16	2
P507-8355	5/8 SAE	35	7-9/16	—	—	4-3/4	3-11/16	2-1/2
P507-8355S	5/8 ODF	35	6-17/32	5-9/32	5/8	4-3/4	3-11/16	2-1/2
P507-8456S	3/4 ODF	45	7-3/4	6-1/2	5/8	5-9/16	3-11/16	3
P507-8457S	7/8 ODF	45	7-15/16	6-7/16	3/4	5-9/16	3-11/16	3
P507-8509S	1-1/8 ODF	50	8-27/32	7-1/32	29/32	6-1/8	5	3-1/2
P507-87511S	1-3/8 ODF	75	12-1/4	10-5/16	31/32	8-1/4	5	5

Refrigeration

TOTALINE® SUCTION LINE FILTER — P507-8 SERIES

CAPACITY TABLE

PART NO	CONNECTION (Size and Type)	FLOW CAPACITY IN TONS REFRIGERANT (For kW, Multiply Tons by 3.5)																	
		R-12				R-134a				R-22				R-407C					
		Evaporator Temperature (°F)																	
		40	20	0	-20	40	20	0	-20	40	20	0	-20	-40	40	20	0	-20	-40
		Pressure Drop (PSI)																	
1.1	0.6	0.5	0.5	1.1	0.6	0.5	0.4	2.3	1.3	0.9	0.6	0.5	2.6	1.5	1.1	0.7	0.7		
P507-8284S	1/2 ODF	1.9	1.3	0.9	0.8	2	1.3	0.9	0.7	4.1	2.3	1.6	1.2	0.9	4.6	2.6	1.9	1.5	1.2
P507-8355	5/8 SAE	2.2	1.5	1.1	0.9	2.3	1.5	1	0.8	4.7	2.6	1.8	1.3	1	5.2	3	2.2	1.6	1.3
P507-8355S	5/8 ODF	3.2	2.2	1.6	1.4	3.3	2.2	1.5	1.2	6.6	3.7	2.6	1.9	1.6	7.3	4.2	3.1	2.3	2.1
P507-8456S	3/4 ODF	4.7	3.2	2.3	1.8	4.8	3.1	2.2	1.6	9.8	5.5	3.7	2.7	2.2	11	6.3	4.5	3.3	3
P507-8457S	7/8 ODF	6.5	4.8	3.3	1.9	6.7	4.7	3.1	1.7	12	8	5.6	3.6	3	13	9.2	6.8	4.4	4
P507-8509S	1-1/8 ODF	9.2	6.8	4.5	2.6	9.5	6.7	4.3	2.3	19	12	8.2	4.9	2.6	21	14	9.9	6	3.5
P507-8711S	1-3/8 ODF	11.7	8.8	5.9	3.4	12	8.7	5.6	3	24	15	10	6.5	3.2	27	17	12	8	4.3

PART NO	CONNECTION (Size and Type)	FLOW CAPACITY IN TONS REFRIGERANT (For kW, Multiply Tons by 3.5)														
		R-410A					R-502					R-404A/507				
		Evaporator Temperature (°F)														
		40	20	0	-20	-40	40	20	0	-20	-40	40	20	0	-20	-40
		Pressure Drop (PSI)														
1.6	0.9	0.4	0.4	0.3	2.3	1.1	0.7	0.5	0.3	2.2	1.1	0.7	0.5	0.3		
P507-8284S	1/2 ODF	2.8	1.6	1.1	0.8	0.6	3.9	2	1.2	0.8	0.6	3.8	2	1.2	0.8	0.6
P507-8355	5/8 SAE	3.2	1.8	1.2	0.9	0.7	4.5	2.3	1.4	0.9	0.7	4.4	2.3	1.4	0.9	0.7
P507-8355S	5/8 ODF	4.5	2.5	1.8	1.3	1	6.3	3.2	2	1.4	0.9	6.1	3.2	2	1.4	1
P507-8456S	3/4 ODF	6.7	3.8	2.5	1.8	1.4	9.4	4.7	2.9	1.8	1.3	9.1	4.7	2.9	1.9	1.4
P507-8457S	7/8 ODF	8.2	5.5	3.8	2.4	2	10	6.3	4.5	2.7	1.4	9.8	6.3	4.5	2.8	1.5
P507-8509S	1-1/8 ODF	13	8.2	5.6	3.3	1.7	16	10	6.6	3.9	1.9	16	10	6.7	4	2
P507-8711S	1-3/8 ODF	16	10	6.8	4.3	2.1	21	13	8.2	4.9	2.4	20	13	8.3	5.1	2.6

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration