

TOTALINE® FILTER CORES AND FILTER DRIER CARTRIDGES — P506-8 SERIES

FLOW CAPACITY CHART

FOR R-407C, R-502, & R-404/507

P506 SERIES	P505-8 SERIES	CONNECTIONS	FLOW CAPACITY IN TONS REFRIGERANT														
			R-407C					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)														
3	2	1.5	1	0.5	3	2	1.5	1	0.5	3	2	1.5	1	0.5			
P506-802F		5/8 ODF	5.7	3.8	2.7	1.7	0.9	4.2	2.6	1.8	1.1	0.6	4.1	2.6	1.8	1.1	0.6
P506-802F		7/8 ODF	9.8	6.5	4.7	3.1	1.7	7.4	4.6	3.1	1.8	0.9	7.2	4.6	3.1	1.9	1
P506-803F	P505-8039	1-1/8 ODF	15	10	7.1	4.6	2.7	11	7	4.7	2.8	1.4	11	7	4.7	2.9	1.5
P506-803F	P505-80311	1-3/8 ODF	17	11	8	5.1	3	12	7.8	5.2	3.1	1.6	12	7.8	5.2	3.2	1.7
P506-803F	P505-80313	1-5/8 ODF	27	18	13	8.1	4.7	20	12	8.2	5	2.5	19	12	8.3	5.2	2.7
P506-803F	P505-80317	2-1/8 ODF	32	22	15	10	5.8	25	15	10	6.1	3.1	24	15	10	6.3	3.3
P506-804F	P505-80411	1-3/8 ODF	42	29	21	13	7.6	32	20	13	8.1	4.1	31	20	14	8.4	4.4
P506-804F	P505-80413	1-5/8 ODF	35	23	17	11	6.2	27	16	11	6.6	3.4	26	16	11	6.8	3.6
P506-804F	P505-80417	2-1/8 ODF	59	39	28	18	10	44	28	18	11	5.7	43	28	19	12	6
P506-804F	P505-80421	2-5/8 ODF	71	48	35	22	13	54	34	23	14	6.9	52	34	23	14	7.3
P506-805F	P505-80517	2-1/8 ODF	70	47	34	22	13	54	33	22	13	6.8	52	33	22	14	7.2
P506-805F	P505-80521	2-5/8 ODF	93	62	45	28	17	70	44	29	18	9	68	44	29	18	9.6
P506-805F	P505-80525	3-1/8 ODF	115	77	56	36	21	87	54	36	22	11	84	54	36	23	12
P506-802FD	P505-8025	5/8 ODF	5.1	3.4	2.4	1.6	0.9	3.9	2.4	1.6	1	0.5	3.8	2.4	1.6	1	0.5
P506-802FD	P505-8027	7/8 ODF	8.3	5.6	4	2.6	1.5	6.3	3.9	2.6	1.5	0.8	6.1	3.9	2.6	1.6	0.9
P506-803FD	P505-8039	1-1/8 ODF	11	7.2	5.2	3.3	1.9	8.1	5.1	3.4	2	1	7.9	5.1	3.4	2.1	1.1
P506-803FD	P505-80311	1-3/8 ODF	15	10	7.2	4.7	2.7	11	7.1	4.8	2.9	1.5	11	7.1	4.8	3	1.6
P506-803FD	P505-80313	1-5/8 ODF	22	15	10	6.7	3.9	16	10	6.7	4.1	2.1	16	10	6.8	4.2	2.2
P506-803FD	P505-80317	2-1/8 ODF	26	17	12	7.8	4.6	19	12	7.9	4.8	2.4	19	12	8	5	2.6
P506-804FD	P505-80411	1-3/8 ODF	31	21	15	10	5.6	24	15	10	5.9	3	23	15	10	6.1	3.2
P506-804FD	P505-80413	1-5/8 ODF	32	22	15	10	5.8	25	15	10	6.1	3.1	24	15	10	6.3	3.3
P506-804FD	P505-80417	2-1/8 ODF	48	32	23	15	8.5	36	22	15	9	4.6	35	22	15	9.3	4.9
P506-804FD	P505-80421	2-5/8 ODF	49	33	23	15	8.7	37	23	15	9.2	4.7	36	23	15	10	5
P506-805FD	P505-80517	2-1/8 ODF	57	38	27	17	10	42	27	18	11	4.7	41	27	18	11	5
P506-805FD	P505-80521	2-5/8 ODF	68	46	33	21	12	52	32	22	13	6.6	50	32	22	13	7
P506-805FD	P505-80525	3-1/8 ODF	80	54	39	25	14	61	38	25	15	7.8	59	38	25	16	8.3

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

TOTALINE® FILTER DRIER CORES — P506-8 SERIES

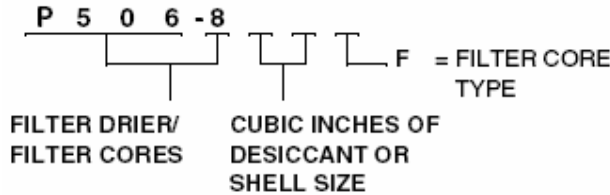
FEATURES

Universal replacement cores for use in Totaline and other take-apart type filter drier shells.

SPECIFICATIONS

Interchangeable with competitive products.

PART NUMBER SIGNIFICANCE



ORDERING INFORMATION AND CAPACITY TABLE

PART NO	RECOMMENDED REFRIGERANT	APPLICATION	TYPE	DROPS OF WATER											
				R-12		R-134a		R-22		R-407C		R-404A/507		R-502	
				75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F	75° F	125° F
P506-8H42	CFC, HCFC	High Acid and Water Removal	Core	933	681	686	576	617	491	478	333	724	587	656	519
P506-8D48	CFC, HCFC	High Acid Removal	Core	810	453	415	340	363	254	225	95	457	343	388	225
P506-8H48	CFC, HCFC	High Acid and Water Removal	Core	1020	688	676	538	597	436	445	285	721	535	643	475
P506-8W48	CFC, HCFC, HFC	Burn Out With Charcoal	Core	772	488	387	294	335	226	290	165	447	289	444	306
P506-8H100	CFC, HCFC	High Acid and Water Removal	Core	1958	1225	1112	834	962	673	726	418	1199	839	1109	758
P506-8W100	CFC, HCFC, HFC	Burn Out With Charcoal	Core	1668	1054	1077	812	938	621	629	363	1162	792	960	663
P506-8F48	CFC, HCFC, HFC	FILTER(Suction Only)	FILTER	—	—	—	—	—	—	—	—	—	—	—	—
P506-8RD48	Reclaim Use Only	High Acid Removal	Core	—	—	—	—	—	—	—	—	—	—	—	—
P506-8RH48	Reclaim Use Only	High Acid and Water Removal	Core	1020	688	676	538	597	436	445	285	721	535	643	475
P506-8RW48	Reclaim Use Only	Burn Out With Charcoal	Core	772	488	387	294	335	226	290	168	417	289	444	306

TOTALINE REPLACEABLE FILTER DRIER CORES

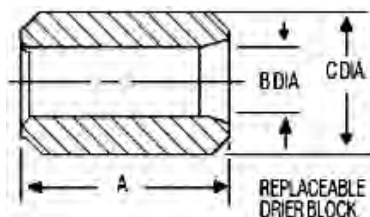
TOTALINE® SOLID CORE DRIER CROSS-REFERENCE

FEATURES

- The blend of desiccants used in Totaline replaceable core filter driers provides utmost water capacity, exceptional acid removal characteristics, and the ability to remove the products of oil breakdown.
- Cores are individually packed in metal cans, fully activated and hermetically sealed against moisture and dirt. Each can contains an end plate gasket kit to fit Totaline and competitive replaceable core shells.

TOTALINE	RECOMMENDED REFRIGERANT	APPLICATION	SPORLAN	PARKER	ALCO	HENRY	VIRGINIA KMP	DANFOSS
P506-8D48	CFC, HCFC, HFC	High Moisture, Acid, Sludge, and Particle	RC-4864	PCK-48	D-48	848-C	VS-48C	—
P506-8H48	Designed Specially for use with POE Oils	Significantly Higher Moisture & Acid Removal	RCW-4864 RCW-48	PCX-48, Z-48	H48, HX-48	848-C	—	48-DN, 48-DU
P506-8W48	CFC, HCFC, HFC	Burn Out with Charcoal	RC-4864-HH	PCK-48HH	W48	848-CM	—	48-DA
P506-8H100	Designed Specially for use with POE Oils	Significantly Higher Moisture & Acid Removal	RCW-100	PCK-100	H-100	—	—	—
P506-8W100	CFC, HCFC, HFC	Burn Out with Charcoal	RC-10098-HH	—	UK-100, W-100-HH	—	VS-100H	—

DIMENSIONAL DATA



FILTER-DRIER BLOCK SIZE	DIMENSIONS			SHIP WT. (lbs)
	A	B	C	
42	6	1.58	3.12	1
48	5.5	1.77	3.72	1-1/2
100	6.5	2.06	4.81	4

Refrigeration

BLOCKS AND FILTER CORES



PCN*	Description**	Recommended Refrigerant Type	Function	R-12 / 75°F	R-12 / 125°F	R-22 / 125°F	R-22 / 75°F	R-134a / 75°F	R-134a / 125°F	R-22 / 75°F	R-22 / 125°F	R-404A / 507 / 75°F	R-404A / 507 / 125°F	R-502 / 75°F	R-502 / 125°F
056662	D-42	CFC, HCFC	HIGH ACID REMOVAL	782	515	493	384	432	303	320	196	528	378	473	339
056661	H-42	CFC, HCFC	HIGH ACID AND WATER REMOVAL	933	681	686	576	617	491	478	333	724	587	656	519
056835	W-42-HH	ALL	BURNOUT CLEANUP	612	388	333	253	288	195	231	132	359	248	354	245
059541	D-48	CFC, HCFC	HIGH ACID REMOVAL	810	453	415	340	363	254	225	95	457	343	388	225
059542	H-48	CFC, HCFC	HIGH ACID AND WATER REMOVAL	1020	688	676	538	597	436	445	285	721	535	643	475
061235	W-48-HH	CFC, HCFC, HFC	BURNOUT CLEANUP	772	488	387	294	335	226	290	165	417	289	444	306
061617	UK-48	CFC, HCFC, HFC	UNIVERSAL REPLACEMENT	1579	1319	1272	1168	1181	1072	1033	786	1319	1241	1332	1150
089338	H-100	CFC, HCFC	HIGH ACID AND WATER REMOVAL	1958	1225	1112	834	962	673	726	418	1199	839	1109	758
062424	UK-100	CFC, HCFC, HFC	UNIVERSAL REPLACEMENT	3204	2740	2769	2550	2574	2345	2182	1682	2868	2710	2787	2437
043582	W-100-HH	CFC, HCFC, HFC	BURNOUT CLEANUP	1668	1054	1077	812	938	621	629	363	1162	792	960	663
089559	F-48	CFC, HCFC, HFC	FILTER (SUCTION ONLY)	-	-	-	-	-	-	-	-	-	-	-	-
047664	F-48R	CFC, HCFC, HFC	FILTER (SUCTION ONLY) REVERSE FLOW	-	-	-	-	-	-	-	-	-	-	-	-
095762	F-100	CFC, HCFC, HFC	FILTER (SUCTION ONLY)	-	-	-	-	-	-	-	-	-	-	-	-
061237	RH-48	CFC, HCFC	HIGH WATER	1020	688	676	538	597	436	445	285	721	535	643	475
061238	RW-48	CFC, HCFC	BURN OUT	772	488	387	294	335	226	290	165	417	289	444	306

Product Code Number Standard Product Offering
 *Water Capacities are based on Equilibrium Point Dryness (EPD) of:
 50 parts per million for R-134a, R404-A/507 & R-407C
 60 parts per million for R-22
 15 parts per million for R-12
 30 parts per million for R-502

* $\phi 20$ drops of water = 1 gram = 1 cc
 $\phi D-42$, H-42 and W-42 include one neoprene composite lid gasket and one core gasket.
 All other cores include a universal neoprene composite gasket kit which includes 2 sizes of replacement lid gaskets, and gaskets for the top and bottom of the core or filter.

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Chillers, Condensers

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