

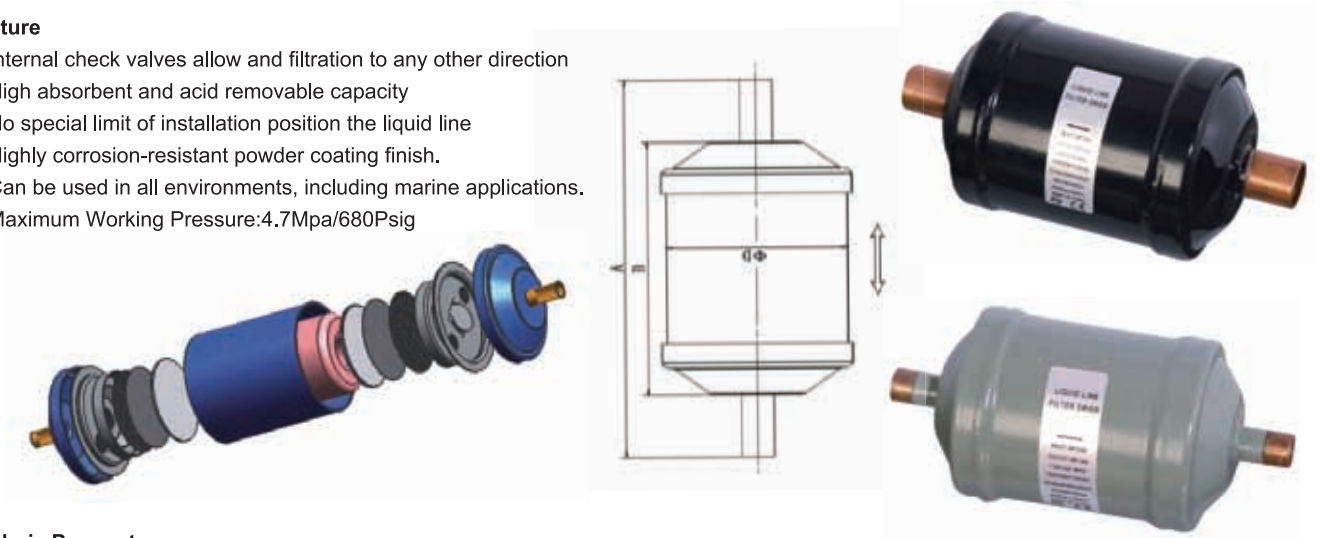
Filter Drier

Bi-flow filter drier

The Bi-flow drier was designed to prevent contamination inside refrigeration and air-conditioning system, regardless of the direction of refrigerant flow. This device can save two external check valves and two normal filter drier, reducing complex lines and cost.

Feature

1. Internal check valves allow and filtration to any other direction
2. High absorbent and acid removable capacity
3. No special limit of installation position the liquid line
4. Highly corrosion-resistant powder coating finish.
5. Can be used in all environments, including marine applications.
6. Maximum Working Pressure:4.7Mpa/680Psig



Technic Parameter

Model	Connection port (in)		Liquid Refrigeration Quantity			A (mm)	B (mm)	D (mm)
	Welding port	Thread port	R-22	R-410A	R-407C			
PRK-082	-	1/4	7.0	7.0	7.0	145	98	63.5
PRK-082S	1/4	-	7.0	7.0	7.0	142		
PRK-083	-	3/8	15.8	15.8	15.5	155		
PRK-083S	3/8	-	17.9	17.9	17.6	146		
PRK-084	-	1/2	22.5	22.5	22.1	163		
PRK-084S	1/2	-	23.5	23.6	23.2	148		
PRK-085S	5/8	-	7.0	7.0	7.0	146	112	76
PRK-162	-	1/4	7.0	7.0	7.0	159		
PRK-162S	1/4	-	28.5	28.5	27.8	156		
PRK-163	-	3/8	16.2	16.2	15.8	169		
PRK-163S	3/8	-	18.3	18.3	17.9	160		
PRK-164	-	1/2	27.0	27.0	26.7	177		
PRK-164S	1/2	-	28.5	28.5	27.8	162		
PRK-165	-	5/8	29.2	29.2	28.5	185		
PRK-165S	5/8	-	30.6	30.6	29.9	160		
PRK-166	-	3/4	42	42	42	191		
PRK-166S	3/4	-	42	42	42	166		
PRK-167S	7/8	-	42.2	42.2	39.8	172		
PRK-307S	7/8	-	58	58	7/8	252	192	

Filter Drier (Loose Core)

The refrigerant must be clear and dry before entering into the expansion valve in the refrigerating recycle system, otherwise the contaminant will cause jam for expansion valve. And will cause ice jam if have the water. In order to prevent the above two bad results, we need to install and filter drier before the refrigerant enters in to the expansion valve. It filtrate the scrap iron and welding slag. And dry the water in system. The PRES Liquid line Filter-Drier is a premium compacted bead filter-drier with a fine 20 micron fine outlet pad for maximum filtration.

Feature

1. Shock resistant steel shell construction
2. High dirt retention, down to 25 μ m particles, with minimal pressure drop
3. High absorbent and acid removable capacity
4. Highly corrosion-resistant powder coating finish. Can be used in all environments, including marine applications.
5. Maximum working pressure:4.7Mpa/680Psig


Technic Parameter

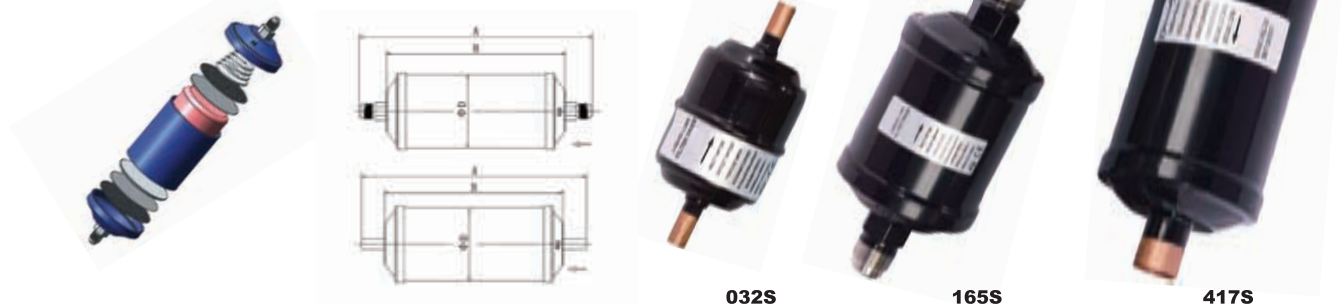
Model	Connections (in)		Liquid Flow Capacity(KW)					Dimensions (mm)				
	ODF	SAE	R134a	R22/R410A	R407C	R404A/R507	R502	A	B	D		
PRES-052	-	1/4	9.0	9.8	7.7	6.5	6.3	119	72	63.5		
PRES-052S	1/4	-	13.3	14.4	12.3	9.6	9.4	116				
PRES-053	-	3/8	21.4	23.3	13.4	15.4	15.1	129				
PRES-053S	3/8	-	26.5	28.9	16.9	19.1	18.7	120				
PRES-054S	1/2	-	34	36	23	24	23.5	122				
PRES-082	-	1/4	8.6	9.3	8.4	6.2	6.0	145	98		63.5	
PRES-082S	1/4	-	13.7	14.6	12.0	9.9	9.7	142				
PRES-083	-	3/8	21.8	23.7	15.1	15.7	15.4	155				
PRES-083S	3/8	-	27.4	29.8	17.2	19.8	19.3	146				
PRES-084	-	1/2	36.4	39.6	25.0	26.2	25.7	163				
PRES-084S	1/2	-	38.9	42.4	26.4	28.1	27.5	148				
PRES-085S	5/8	-	60	67	35	42	41	146	121.5			63.5
PRES-162	-	1/4	11	12	12.1	8	7	168.5				
PRES-162S	1/4	-	15	14	14	10	9	165.5				
PRES-163	-	3/8	22.2	24.2	14.4	16.1	15.7	178.5				
PRES-163S	3/8	-	31.7	34.3	16.5	22.9	22.4	169.5				
PRES-164	-	1/2	38.5	41.9	27.0	27.8	27.2	186.5				
PRES-164S	1/2	-	49.6	54.0	31.6	35.8	35.1	171.5				
PRES-165	-	5/8	50.5	54.9	36.2	36.4	35.7	194.5				
PRES-165S	5/8	-	67.2	73.1	37.6	48.5	47.5	169.5				
PRES-166	-	3/4	60	62	42	42	40	200.5				
PRES-167S	7/8	-	70.6	76.8	58.0	51.0	49.5	181.5				
PRE-302	-	1/4	13	15	15	11	10	232	185	76		
PRE-303	-	3/8	23	26	16	18	17	242				
PRES-303S	3/8	-	33	37	19	25	25	233				
PRES-304	-	1/2	43.6	47.5	30.2	31.5	30.8	250				
PRES-304S	1/2	-	54.3	59.1	38.0	39.2	38.4	235				
PRES-305	-	5/8	55.6	60.5	39.7	40.1	39.3	258				
PRES-305S	5/8	-	74.0	80.5	46.8	53.4	52.3	233				
PRES-306	-	3/4	65	67	47	47	45	264				
PRES-306S	3/4	-	79	85	51	58	57	239				
PRE-307S	7/8	-	83.4	90.8	62.9	60.2	59.0	245				
PRE-309S	1-1/8	-	109.1	118.7	73.1	78.7	77.1	245				
PRE-413	-	3/8	38	42	24	30	30	249	192	89		
PRE-414	-	1/2	48	52	35	36	35	257				
PRE-414S	1/2	-	50	54	38	38	39	242				
PRE-415	-	5/8	68.5	74.5	45.0	49.4	48.4	265				
PRE-415S	5/8	-	78.3	85.2	63.6	56.5	55.3	240				
PRE-416	-	3/4	72	74	54	54	52	271				
PRE-416S	3/4	-	93	101	78	71	60	246				
PRE-417S	7/8	-	106.5	115.9	75.9	76.9	75.3	252				
PRE-419S	1-1/8	-	113.8	123.8	103.3	82.1	80.4	252				

Liquid Line Filter Drier (Solid Core)

PREK Liquid line filter driers are designed with a solid core with a mix of components which provides high filtration capacity. This assures the optimal drying capacity and avoids acid formation in the system

Feature

1. Compatible with all CFC, HCFC and HFC refrigerants and related oils
2. High absorbent and acid removable capacity
3. Highly corrosion-resistant powder coating finish. Can be used in all environments, including marine applications
4. High dirt retention , down to 40 μ m particles, with minimal pressure drop
5. Maximum Working Pressure: 4.7Mpa/680Psi



Technic Parameter

Type	Connections (in)		Liquid Flow Capacity(Kw)					Dimensions (mm)		
	ODF	SAE	R-134a	R-22/R - 410A	R-407C	R-404A/R - 507	R-502	A	B	D
PREK-032		1/4	6.7	7.4	7.2	4.9	4.6	113	66	43
PREK-032S	1/4		8.1	8.7	8.5	6.0	5.6	110		
PREK-033		3/8	9.5	10.2	10.2	7.0	6.7	123		
PREK-033S	3/8		10.5	11.6	11.6	7.7	7.4	114	72	43
PREK-052		1/4	61.2	49.8	61.8	41.3	40.3	119		
PREK-052S	1/4		9.7	10.4	10.2	7.9	7.6	116		
PREK-053		3/8	11.5	12.3	12.1	9.7	9.4	129	98	63.5
PREK-053S	3/8		47	52	51	32	31	120		
PREK-082		1/4	50	55	54	35	34	145		
PREK-082S	1/4		70.5	76.7	76.7	50.9	49.8	142	112	76
PREK-083		3/8	12.7	12.5	12.1	10	9.8	155		
PREK-083S	3/8		14.5	15.9	15	9.7	9.4	146		
PREK-084		1/2	36	31	42	42	27	163	185	89
PREK-084S	1/2		50.6	55	54	35.4	34	148		
PREK-085S	5/8		55.6	60.1	59.1	40.4	39	146		
PREK-162		1/4	87.6	95	93.2	63.3	61.6	159	192	89
PREK-162S	1/4		16.5	17.9	17.6	11.9	11.6	156		
PREK-163		3/8	42.8	37	48	48	33	169		
PREK-163S	3/8		34.4	37.3	36.6	24.9	24.2	160	192	89
PREK-164		1/2	37.6	40.8	40.1	27.4	26.4	177		
PREK-164S	1/2		60	60	59	40	39	162		
PREK-165		5/8	67	75	74	54	53	185	192	89
PREK-165S	5/8		111.6	121.4	121	80.5	78.8	160		
PREK-166		3/4	7.3	7.9	7.9	5.3	5.2	191		
PREK-166S	3/4		12.8	13.9	13.9	9.2	9.0	166	192	89
PREK-167S	7/8		16.2	17.6	17.6	11.7	11.4	172		
PREK-302		1/4	23.5	25.5	25.5	16.9	16.6	232		
PREK-303		3/8	7.3	7.9	7.9	5.3	5.2	242	192	89
PREK-303S	3/8		12.8	13.9	13.9	9.2	9.0	233		
PREK-304		1/2	19.2	20.9	20.3	13.9	13.6	250		
PREK-304S	1/2		26.1	28.4	27.9	18.9	18.5	235	192	89
PREK-305		5/8	32.3	35.3	34.3	23.4	22.9	258		
PREK-305S	5/8		36.5	39.5	39.5	26.2	25.7	233		
PREK-306		3/4	21.4	23.3	23.0	15.4	15.1	264	192	89
PREK-306S	3/4		29.0	31.6	31.6	21.0	20.5	239		
PREK-307S	7/8		42.8	46.5	46.5	30.9	30.2	245		
PREK-309S	1-1/8		51.3	55.8	55.8	37	36.2	245	192	89
PREK-413		3/8	64.2	69.8	69.8	46.3	45.3	249		
PREK-413S	3/8		64.2	69.8	69.8	46.3	45.3	240		
PREK-414		1/2	49.6	54	54	35.8	35	257	192	89
PREK-414S	1/2		54.3	59.1	59.1	39.2	8.4	242		
PREK-415		5/8	67.6	73.5	73.5	48.8	47.8	265		
PREK-415S	5/8		72.7	79.1	79.1	52.5	51.4	240	192	89
PREK-416		3/4	98.4	107	106.2	71.1	69.6	271		
PREK-416S	3/4		81.3	88.5	88.5	58.7	57.5	246		
PREK-417S	7/8		81.3	88.5	88.5	58.7	57.5	252	192	89
PREK-419S	1-1/8		100.5	109.4	109.4	72.5	71	252		

Liquid Line Filter Drier

PREM / PREC liquid line filter driers protect refrigeration and air conditioning systems from moisture, acids and solid particles. The PREM / PREC filter driers are designed with a solid core. PREM is with 100% molecular sieve, and PREC is with 80% molecular sieve and 20% activated alumina

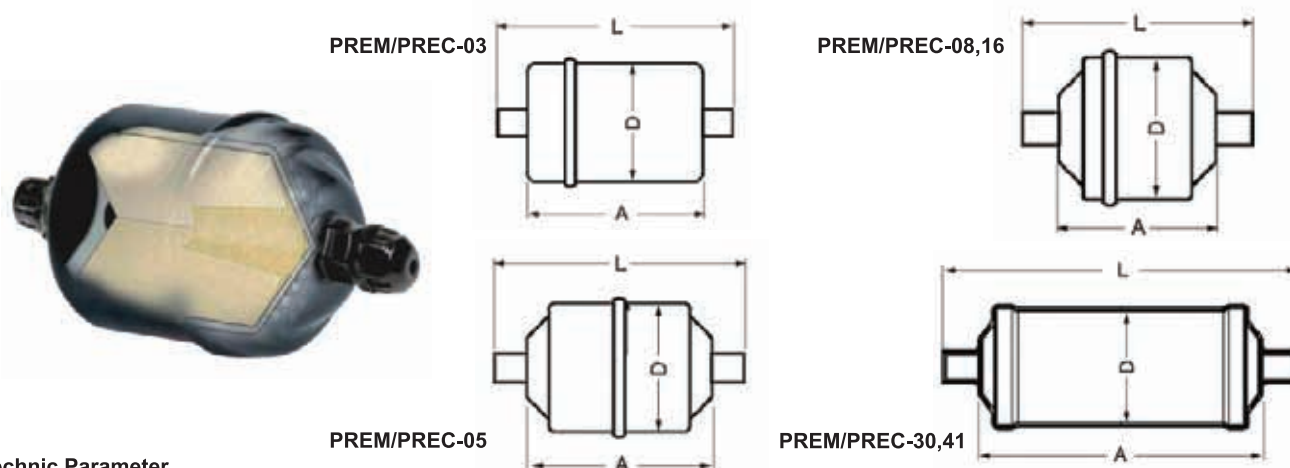
Feature

1. Solid core can avoid having dust.
2. Has soldering and flaring connection for choosing.
3. High dirt retention, down to 25 μ m particles, with minimal pressure drop.
4. Highly corrosion-resistant power coating finish. Can be used in all environments, including marine application.
5. PREM filter drier was designed for the high water absorbent capacity application. Without activated alumina, so that the oil additive will not be used up.
6. PREC filter drier is suitable for the system which operating in the high condensation temperature and high dry capacity.

Media Type		PREC	PREM
Refrigerant	HFC	Yes	Suggest
	HCFC	Suggest	Yes
	CFC	Suggest	Not Suggest
Oil	Mineral Oil or AB	Suggest	Yes
	POE or PAG	Yes	Suggest
	POE or PAG with Additive	Not Suggest	Suggest

PREM is same to Danfoss DML; PREC is same to Danfoss DCL

1. For CFC system, we suggest to use PREC filter drier. This system needs filter drier which with acid absorbent capacity.
2. If the oil has additive in the system, we don't suggest to use filter drier that with activated alumina.



Technic Parameter

Model	Connections (in)		Liquid Flow Capacity (KW)			Dimension (mm)			Max. Operating Pressure PB (bar)
	ODF	SAE	R-134a	R-404A/R-507	R-22/R-407C/R-410A	A	D	L	
									46
PREM/PREC-032	-	1/4	7	5	7	66	43	113	46
PREM/PREC-032S	1/4	-	7	5	7			110	46
PREM/PREC-033	-	3/8	17	13	19			123	46
PREM/PREC-033S	3/8	-	17	13	19			114	46
PREM/PREC-052	-	1/4	7	5	8			122	46
PREM/PREC-052S	1/4	-	7	5	8	75	54	119	46
PREM/PREC-053	-	3/8	18	14	19			132	46
PREM/PREC-053S	3/8	-	18	14	19			123	46
PREM/PREC-082	-	1/4	7	5	8			148	46
PREM/PREC-082S	1/4	-	7	5	8			145	46
PREM/PREC-083	-	3/8	19	14	21	101		158	46
PREM/PREC-083S	3/8	-	19	14	21			149	46

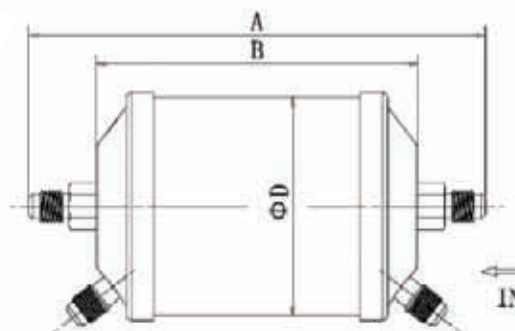
Model	Connections (in)		Liquid Flow Capacity (KW)			Dimension (mm)			Max. Operating Pressure PB (bar)
	ODF	SAE	R134a	R404A/R507	R22/R407C/R410A	A	D	L	
PREM/PREC-084	-	1/2	26	20	29	101	54	166	46
PREM/PREC-084S	1/2	-	26	20	29			151	46
PREM/PREC-085	-	5/8	42	31	46			174	46
PREM/PREC-085S	5/8	-	42	31	46			149	46
PREM/PREC-162	-	1/4	7	5	8	110	76	157	46
PREM/PREC-162S	1/4	-	7	5	8			154	46
PREM/PREC-163	-	3/8	22	16	24			167	46
PREM/PREC-163S	3/8	-	22	16	24			158	46
PREM/PREC-164	-	1/2	30	22	33			175	46
PREM/PREC-164S	1/2	-	30	22	33			160	46
PREM/PREC-165	-	5/8	43	30	47			183	46
PREM/PREC-165S	5/8	-	43	30	47			158	46
PREM/PREC-166	-	3/4	44	31	48			189	35
PREM/PREC-166S	3/4	-	44	31	48			164	35
PREM/PREC-167S	7/8	-	44	31	48			170	35
PREM/PREC-303	-	3/8	21	15	23	186	89	243	46
PREM/PREC-303S	3/8	-	21	15	23			234	46
PREM/PREC-304	-	1/2	31	22	34			251	46
PREM/PREC-304S	1/2	-	31	22	34			236	46
PREM/PREC-305	-	5/8	45	33	49			259	46
PREM/PREC-305S	5/8	-	45	33	49			234	46
PREM/PREC-306	-	3/4	62	45	68			265	35
PREM/PREC-306S	3/4	-	62	45	68			240	35
PREM/PREC-307S	7/8	-	62	45	68			246	35
PREM/PREC-309S	1-1/8	-	62	45	68			246	30
PREM/PREC-413	-	3/8	25	18	17	187	89	244	46
PREM/PREC-414	-	1/2	32	23	35			252	46
PREM/PREC-414S	1/2	-	32	23	35			237	46
PREM/PREC-415	-	5/8	53	37	58			260	46
PREM/PREC-415S	5/8	-	53	37	58			235	46
PREM/PREC-417S	7/8	-	91	65	99			247	35
PREM/PREC-419S	1-1/8	-	91	65	99			247	30
Remark: Refrigerant quantity capacity: evaporating temperature= -15°C, liquid temperature= 30°C, drop pressure $\Delta P=0.07\text{bar}$									

Burn-out Filter Drier

Burn out filter drier is used on the suction pipeline of refrigeration and air-conditioning. The core inside is 70% alumina and 30% molecule. It can absorb the acid and water in the system very efficiency and also can absorb injurant that burnt by the compressor. It can guarantee the whole refrigeration air-conditioning system not be broken. The two sides of the pressure gauge can test the pressure difference of filter drier.

Feature

1. Dual access valves for easy pressure readings
2. High dirt retention, down to 40µm particles, with minimal pressure drop.
3. High absorbent and acid removable capacity
4. Highly corrosion-resistant powder coating finish. Can be used in all environments, including marine applications.
5. Maximum Working Pressure: 4.7Mpa/680Psig



Technic Parameter

PRFE-307S

Model	Connections (in)		Liquid Flow Capacity (KW)			Dimension (mm)			
	ODF	SAE	R-407C/R-22	R-134a	R-404A	A	B	D	
PRFE-052	-	1/4	5	3.3	3.3	119	72	63.5	
PRFE-052S	1/4	-	5	3.3	3.3	116			
PRFE-053	-	3/8	5	3.3	3.3	129			
PRFE-053S	3/8	-	5	3.3	3.3	120			
PRFE-082	-	1/4	6	3.5	4	145	98		63.5
PRFE-082S	1/4	-	6	3.5	4	142			
PRFE-083	-	3/8	6	3.5	4.5	155			
PRFE-083S	3/8	-	6	3.5	4.5	146			
PRFE-084	-	1/2	10	5.5	8	163			
PRFE-084S	1/2	-	10	5.5	8	148			
PRFE-085S	5/8	-	15	7	10	146			
PRFE-162	-	1/4	10.5	5	7.5	159	112	76	
PRFE-162S	1/4	-	10.5	5	7.5	156			
PRFE-163	-	3/8	13	5.5	8	169			
PRFE-163S	3/8	-	13	5.5	8	160			
PRFE-164	-	1/2	15	6	8.5	177			
PRFE-164S	1/2	-	15	6	8.5	162			
PRFE-165	-	5/8	20	9.5	13	185			
PRFE-165S	5/8	-	20	9.5	13	160			
PRFE-166	-	3/4	17	10	12	191			
PRFE-166S	3/4	-	22	12	15	166			
PRFE-167S	7/8	-	24	13	17	172			
PRFE-302	-	1/4	14.5	7	9	232	185		
PRFE-303	-	3/8	14.5	7	9	242			
PRFE-303S	3/8	-	16	8.5	11	233			
PRFE-304	-	1/2	17	10	15	250			
PRFE-304S	1/2	-	17	10	15	235			
PRFE-305	-	5/8	18	12.5	15	258			
PRFE-305S	5/8	-	18	12.5	15	233			
PRFE-306	-	3/4	22	14	19	264			
PRFE-306S	3/4	-	22	14	19	239			
PRFE-307S	7/8	-	26	16	22	245			
PRFE-309S	1-1/8	-	31	20	27	245			

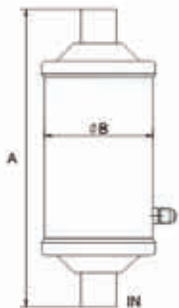
Model	Connections (in)		Liquid Flow Capacity (KW)			Dimension (mm)		
	ODF	SAE	R-407C/R-22	R-134A	R-404A	A	B	D
PRFE-413	-	3/8	19	14	17	249	192	89
PRFE-413S	3/8	-	19	14	17	240		
PRFE-414	-	1/2	25	14.5	23	257		
PRFE-414S	1/2	-	25	14.5	23	242		
PRFE-415	-	5/8	26.5	16	24.5	265		
PRFE-415S	5/8	-	26.5	16	24.5	240		
PRFE-416	-	3/4	29.5	17.5	25	271		
PRFE-416S	3/4	-	29.5	17.5	25	246		
PRFE-417S	7/8	-	30	18	25	252		
PRFE-419S	1-1/8	-	32	21	27	252		

Suction Filter

By-pass valve will work while the refrigerant is flowing according to the arrow on the PRF suction filter. If there is too much pressure drop, the pass-by valve will open a little to keep the enough current and will make the compressor motor get the proper cooling. The pass-by valve will not work if make the wrong installation of the suction filter. It will not open even the pressure drop is very high. In this situation, it will need an access valve to check the pressure drop that pass by the core to the compressor suction valve. If the pass-by valve on the suction filter is not working, we can use access valve to check the pressure.

Feature

1. Dual access valves for easy pressure readings
2. Solid copper connections
3. Corrosion resistant epoxy powder paint finish
4. Filtration: 40microns
5. Maximum Working Pressure: 3.5Mpa



Technic Parameter

Model		Connection Size (in)	Filter Area (in) ²	Form Size	
Non-overhaul valve	With overhaul valve			A (mm)	B (mm)
PRF-283F	-	3/8SAE	28	223	76
-	PRF-285-T	5/8ODF		212	
-	PRF-286-T	3/4ODF		223	
-	PRF-287-T	7/8ODF		227	
-	PRF-289-T	1-1/8ODF		241	
-	PRF-489-T	1-1/8ODF	48	315	
-	PRF-4811-T	1-3/8ODF		332	
-	PRF-4813-T	1-5/8ODF		340	

Dry & Suction Demountable Drier / Mounting Bracket / Filter Core

The demountable drier is installed in the suction line of a new system. This prevents harmful contaminants from entering into the compressor as an enhanced protection in prolonging the life of compressor. This replaceable suction filter is especially suitable for use in conditions where motor damage has occurred or heavy ingress of water in the system. It has superb cleaning and absorption capabilities. (To be equipped the available core)

Feature

1. Can be matched well all brands of 48 & 100 series of Line Filter Blocks and Suction Line filter cores
2. Full flow fittings for low pressure drop
3. Sturdy steel shells for long life
4. 100 mesh outlet screen
5. Corrosion resistant epoxy powder paint finish
6. Maximum working pressure: 3.5Mpa

Dry and Suction Demountable Drier

Applications

1. Can match with all brands of 48 series cores.
2. Has access port that can check the pressure drop & changing
3. Whole range size, max. connection is 3-1/8".
4. Can choose D-48 or H-48 for liquid line.
5. Can choose F-48 or X-48 for suction line.



Technic Parameter

Model	Rated Valve at ARI standard															Recommended valve (KW)				
	Water capacity-drop number										Refrigerant flow capacity					Cooling			Air-conditioning	
	Refrigerant 12 15PPM		Refrigerant 134a 8PPM		Refrigerant 22 60PPM		Refrigerant 404a/507 50PPM		Refrigerant 502 30PPM		Rat the condition of pressure difference=0.014Mpa					Commercial Refrigeration and low-temperature equipment			System of replace or Assemble on the spot spot	
	25℃	50℃	25℃	50℃	25℃	50℃	25℃	50℃	25℃	50℃	12	134a	22	404A 507	502	12 134a	22	404A 502&507	12 134a	22
PRA -485	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	53.5	64.7	70.3	52.8	45.0	26.4	35.2	26.4	26.4	35.2
PRA -487	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	89.7	108	116	87.9	75.3	42.2	52.8	35.2	42.2	52.8
PRA -489	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	162	195	211	158	136	42.2	52.8	35.2	52.8	70.3
PRA -4811	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	183	234	250	230	197	42.2	52.8	35.2	52.8	70.3
PRA -4813	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	192	274	299	197	180	47.8	58.2	42.2	56.3	74.6
PRA -4817	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	205	310	338	236	217	49.3	64.9	47.1	60.2	78.5
PRA -4821	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	237	336	347	269	239	52.7	67.3	49.7	63.3	80.2
PRA -4824	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	257	361	378	293	262	55.4	70.2	56.9	66.1	83.4
PRA -4825	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	273	392	398	321	280	58.2	73.4	62.2	69.5	89.7
PRA -967	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	147	177	190	144	123	70.3	87.9	52.8	70.3	87.9
PRA -969	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	193	220	236	176	153	87.9	128	87.9	87.9	123
PRA -9611	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	221	255	276	195	187	111.5	152	111.1	111.1	155
PRA -9613	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	263	297	311	232	213	132.1	194	134.5	134.5	190
PRA -9617	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	293	332	329	367	303	135.1	203	157	156	208
PRA -9621	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	326	352	347	393	314	157	220	191	173	232
PRA -9624	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	356	378	369	432	349	181	240	210	193	257
PRA -9625	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	382	396	405	457	378	206	263	231	225	270
PRA -1449	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	220	265	285	215	184	106	141	106	106	141
PRA -14411	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	254	305	327	246	212	141	176	123	141	176
PRA -14413	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	282	374	358	270	245	183	205	134	173	206
PRA -14417	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	310	431	392	301	279	224	236	156	205	247
PRA -14421	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	441	469	432	486	416	243	257	182	216	264
PRA -14424	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	473	495	479	502	448	257	269	193	231	286
PRA -14425	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	505	518	525	537	486	263	279	214	243	291
PRA -19211	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	322	387	415	313	269	176	246	176	176	246
PRA -19213	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	373	447	478	362	312	211	281	193	211	287
PRA -19217	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	390	471	503	380	327	229	299	211	229	299
PRA -19221	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	423	495	528	498	342	243	243	232	241	325
PRA -19224	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	459	526	543	529	391	257	257	248	267	347
PRA -19225	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	472	548	567	572	425	263	263	269	283	351

Dry and Suction Demountable Drier

Applications

1. Can match with all brands of 100 series cores
2. Has access port that can check the pressure drop & changing
3. Whole range size, max. connection is 5-1/4"
4. Can choose D-100 or H-100 for liquid line
5. Can choose F-48 or X-48 for suction line

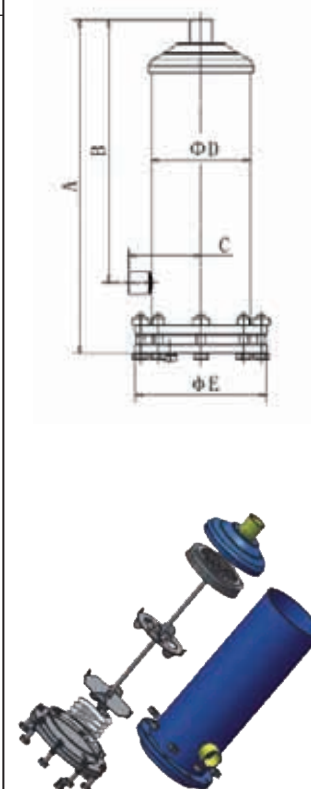


Technic Parameter

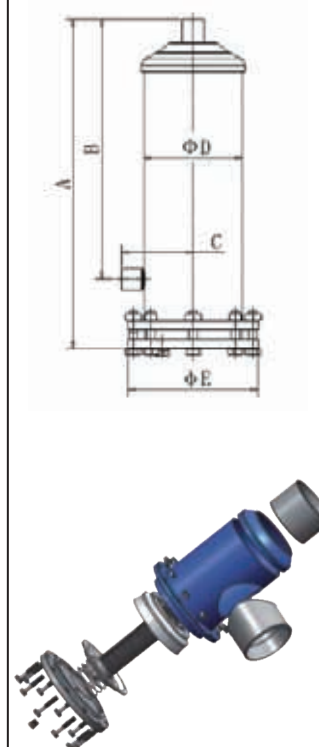
Model	Rated Valve at ARI standard														Recommended valve (KW)					
	Water capacity-drop number										Refrigerant flow capacity				Cooling				Air-conditioning	
	Refrigerant 12 15PPM		Refrigerant 134a 8PPM		Refrigerant 22 60PPM		Refrigerant 404a/507 50PPM		Refrigerant 502 30PPM		Rat the condition of pressure difference=0.014Mpa				Commercial Refrigeration and low-temperature equipment				System of replace or Assemble on the spot	
	25℃	50℃	25℃	50℃	25℃	50℃	25℃	50℃	25℃	50℃	12	134a	22	404A 507	502	12 134a	22	404A 502&507	12 134a	22
PRA-10013	25	36	76	58	44	31	43	33	43	30	191	190	280	240	156	67	98	59	63	106
PRA-10017	25	36	76	58	44	31	43	33	43	30	205	206	294	260	172	74	121	65	69	121
PRA-10021	25	36	76	58	44	31	43	33	43	30	221	225	302	287	191	82	145	72	75	139
PRA-10024	25	36	76	58	44	31	43	33	43	30	237	238	325	316	204	95	164	84	88	156
PRA-10025	25	36	76	58	44	31	43	33	43	30	242	249	342	339	230	102	173	91	98	170
PRA-20013	75	72	152	116	88	62	86	67	86	60	251	260	360	374	256	113	195	103	114	191
PRA-20017	75	72	152	116	88	62	86	67	86	60	265	273	382	390	280	128	209	112	132	207
PRA-20021	75	72	152	116	88	62	86	67	86	60	282	297	408	308	312	145	236	138	147	230
PRA-20024	75	72	152	116	88	62	86	67	86	60	305	319	431	321	340	162	251	153	165	243
PRA-20025	75	72	152	116	88	62	86	67	86	60	331	327	453	336	367	179	266	171	180	264
PRA-20028	75	72	152	116	88	62	86	67	86	60	353	341	476	359	381	193	282	186	193	280
PRA-20029	75	72	152	116	88	62	86	67	86	60	371	364	498	378	305	219	308	205	205	301
PRA-20034	75	72	152	116	88	62	86	67	86	60	398	382	521	391	323	242	329	221	221	323
PRA-30013	225	107	225	173	134	93.9	132	99.6	131	88.5	422	510	545	411	355	264	352	246	264	352
PRA-30017	225	107	225	173	134	93.9	132	99.6	131	88.5	447	534	579	433	370	285	367	267	279	374
PRA-30021	225	107	225	173	134	93.9	132	99.6	131	88.5	473	556	602	457	389	302	385	285	285	391
PRA-30024	225	107	225	173	134	93.9	132	99.6	131	88.5	482	572	617	462	396	315	399	292	296	404
PRA-30025	225	107	225	173	134	93.9	132	99.6	131	88.5	492	589	635	480	405	329	413	299	307	417
PRA-30028	225	107	225	173	134	93.9	132	99.6	131	88.5	501	600	654	486	407	336	422	305	317	423
PRA-30029	225	107	225	173	134	93.9	132	99.6	131	88.5	510	610	672	492	410	343	431	310	324	429
PRA-30034	225	107	225	173	134	93.9	132	99.6	131	88.5	523	632	694	511	427	369	457	324	335	441
PRA-30042	225	107	225	173	134	93.9	132	99.6	131	88.5	543	657	718	535	456	391	481	359	362	476
PRA-40013	300	143	301	231	178	125	175	133	174	118	515	632	681	493	421	351	426	321	352	424
PRA-40017	300	143	301	231	178	125	175	133	174	118	545	654	703	528	457	387	457	352	387	457
PRA-40021	300	143	301	231	178	125	175	133	174	118	573	694	729	549	478	401	480	370	401	492
PRA-40024	300	143	301	231	178	125	175	133	174	118	608	734	754	570	499	415	503	388	415	527
PRA-40025	300	143	301	231	178	125	175	133	174	118	631	754	776	591	520	438	526	409	436	558
PRA-40028	300	143	301	231	178	125	175	133	174	118	659	776	795	623	547	461	559	433	462	579
PRA-40029	300	143	301	231	178	125	175	133	174	118	673	792	816	649	574	485	573	457	491	593
PRA-40034	300	143	301	231	178	125	175	133	174	118	698	803	832	673	598	507	591	482	512	617
PRA-40042	300	143	301	231	178	125	175	133	174	118	720	831	857	699	627	529	615	504	536	633

Dimensions

Model	Inlet & Outlet Size	Number of cores	Filtering surface (m ²)	Dimensions (mm)				
				A	B	C	D	E
PRA-485	5/8	1	420	233	152	78	114	151
PRA-487	7/8			238	157	82		
PRA-489	1-1/8			240	159	84		
PRA-4811	1-3/8			243	162	87		
PRA-4813	1-5/8			245	164	88		
PRA-4817	2-1/8			251	170	92		
PRA-4821	2-5/8			268	170	116		
PRA-4824	3			266	168	116		
PRA-4825	3-1/8			263	165	116		
PRA-967	7/8	2	420	383	301	82		
PRA-969	1-1/8			385	303	84		
PRA-9611	1-3/8			388	306	87		
PRA-9613	1-5/8			390	308	88		
PRA-9617	2-1/8			396	314	92		
PRA-9621	2-5/8			413	315	116		
PRA-9624	3			411	313	116		
PRA-9625	3-1/8			408	310	116		
PRA-1449	1-1/8	3	1260	521	438	84		
PRA-14411	1-3/8			524	441	87		
PRA-14413	1-5/8			526	443	88		
PRA-14417	2-1/8			532	449	92		
PRA-14421	2-5/8			550	452	116		
PRA-14424	3			548	450	116		
PRA-14425	3-1/8			545	447	116		
PRA-19211	1-3/8	4	1680	675	595	87		
PRA-19213	1-5/8			677	597	88		
PRA-19217	2-1/8			683	603	92		
PRA-19221	2-5/8			700	602	116		
PRA-19224	3			698	600	116		
PRA-19225	3-1/8			695	594	116		



Model	Inlet & Outlet Size	Number of cores	Filtering surface (m ²)	Dimensions (mm)				
				A	B	C	D	E
PRA-10013	1-5/8	1	420	288	180	106	152	200
PRA-10017	2-1/8			295	187	111		
PRA-10021	2-5/8			303	195	136		
PRA-10024	3			301	188	136		
PRA-10025	3-1/8			300	187	136		
PRA-20013	1-5/8	2	840	453	345	106		
PRA-20017	2-1/8			460	352	111		
PRA-20021	2-5/8			468	360	136		
PRA-20024	3			466	353	136		
PRA-20025	3-1/8			465	352	136		
PRA-20028	3-1/2			464	341	136		
PRA-20029	3-5/8			463	340	136		
PRA-20034	4-1/4			467	344	136		
PRA-30013	1-5/8	3	1260	612	504	106		
PRA-30017	2-1/8			618	504	111		
PRA-30021	2-5/8			627	519	136		
PRA-30024	3			625	512	136		
PRA-30025	3-1/8			624	511	136		
PRA-30028	3-1/2			623	500	136		
PRA-30029	3-5/8			622	499	136		
PRA-30034	4-1/4			626	503	136		
PRA-30042	5-1/4			615	467	136		
PRA-40013	1-5/8	4	1680	786	678	106		
PRA-40017	2-1/8			792	684	111		
PRA-40021	2-5/8			801	693	136		
PRA-40024	3			799	686	136		
PRA-40025	3-1/8			798	685	136		
PRA-40028	3-1/2			797	674	136		
PRA-40029	3-5/8			796	673	136		
PRA-40034	4-1/4			800	677	136		
PRA-40042	5-1/4			789	641	136		



Dry and Suction Demountable Drier

Special Demountable Dries

1. The part number which with "A" is: Aluminum plate, M8 S/S bolts, Inlet with steel bush.
2. The part number which with "G" is: Both inlet & outlet are all steel.



PRA-XXXXA



PRA-4824G



PRA-9625G



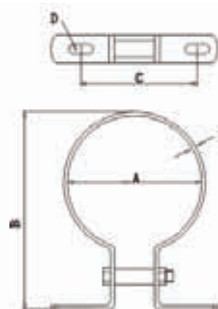
PRA-4817A



PRA-14411A

Mounting Bracket

Technic Parameter



Model	A (in)	B (in)	C (in)	D (in)	E (in)
PRGJ-114	4.99	6.5	3.75	0.41 x 0.81 Slot	0.12
PRGJ-152	6.00	7.45	4.00		

Filter-Drier Core

Cores and demountable type of filter-drier shells produced in honglida is replaceable. Cores are individually packed in metal cans, it and hermetically packed against grease moisture and dirt. Includes the X suction line filter cores and the D/H liquid line block series. The method of mounting the cores or felt elements on the end plate by means of tie rods makes them very easy to install and remove. Detailed instructions are printed on each can.

Features

High moisture, foreign matter and acid removal ability in special environment.
Protects the normal system and clean up the compressor.

Technic Parameter



D-48



H-100



D-48



X-48



X-100



F-48



D/H Liquid Line Blocks					
Model	Features	A (in)	B (in)	C (in)	
D-48	High Acid Removal	1.85	3.78	5.51	
H-48	High Acid and Water Removal	1.85	3.78	5.51	
H-100	High Acid and Water Removal	2.09	4.8	6.5	

X Filter Element					
Model	Material	A (in)	B (in)	C (in)	
X-48	Balayruse Type Core	3.74	5.51	0.79	
F-48	S/S 100 mesh	3.74	5.51	0.79	
X-100	Balayruse Type Core	4.69	6.54	1.10	