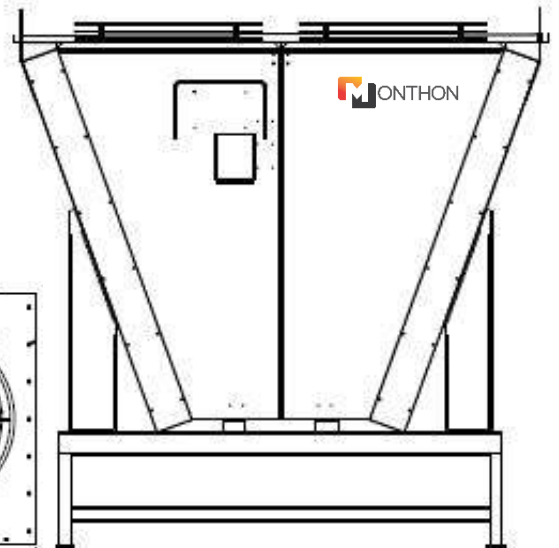
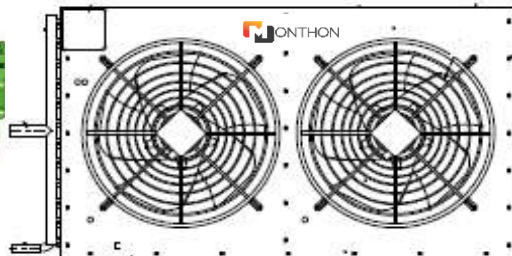
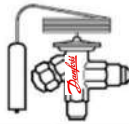
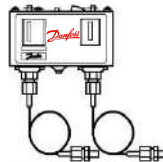
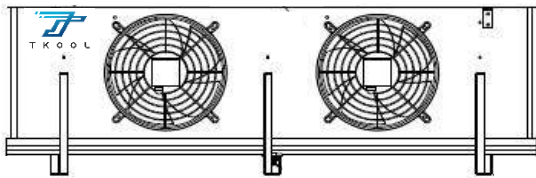
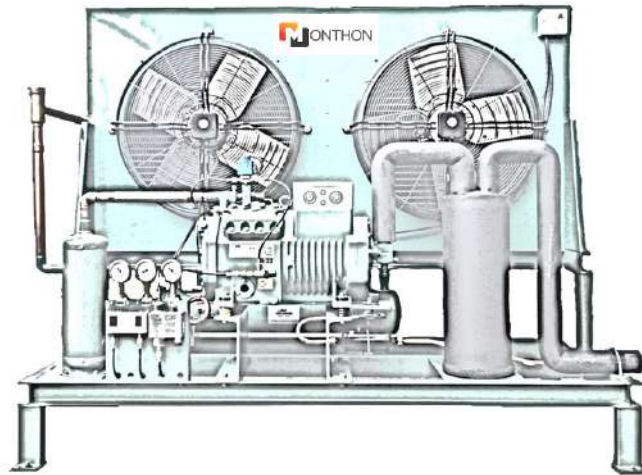
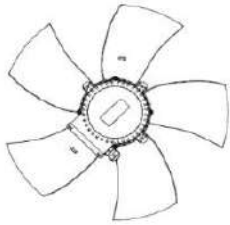
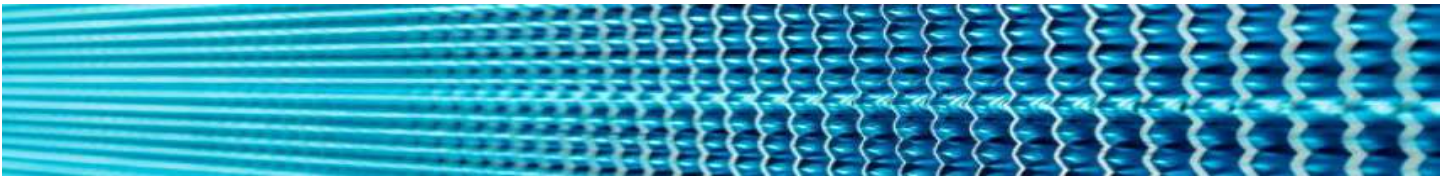


บริษัท โพลีทีฟ พลัส เอ็นจิเนียริง จำกัด



EDUCATION DEVELOPMENT





MODEL

**R 404 R 507
Kw**

12-316-2

3.517



12-316-3

1.4

12-316-4

1.8

12-316-5

2.3

12-316-6

2.7



12-316-7

3.1

12-316-8

3.6

12-316-9

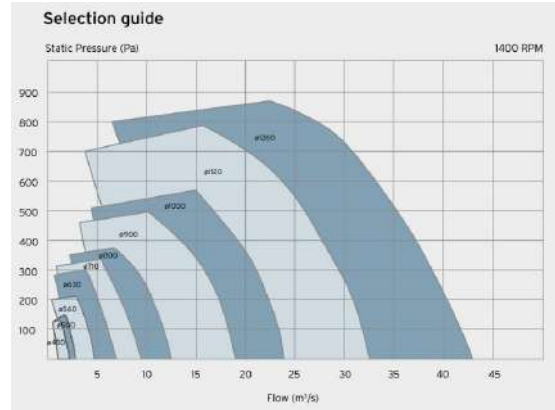
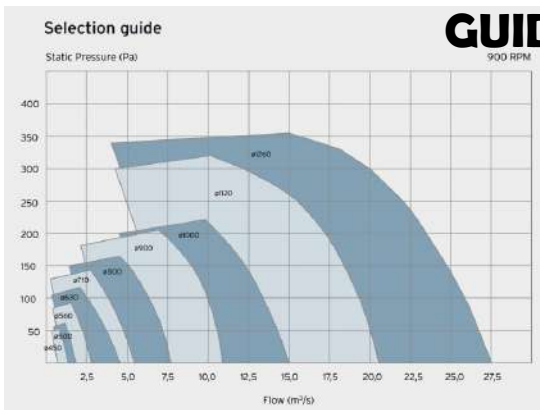
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APPLICATION

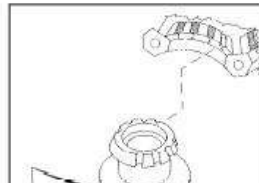
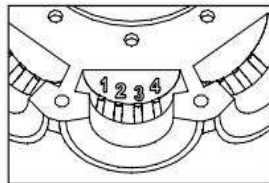
Highly efficient axial fans deliver high performance, save power, and reduce noise. They ensure maximum airflow with reduced operational cost and provide more efficient cooling and freezing for H-type and flatbed condensers.

SELECTION GUIDE



Find Blade Pitch Angle

30.0 32.5 35.0 37.5 C



MATERIALS

The hub parts are as standard manufactured in a pressure die cast silumin alloy The 5-blade hub is also available in a version manufactured in glass reinforced polypropylene . The fan blades are available in the following 5 materials to suit applications with different speeds and ambient temperatures. Glass reinforced polypropylene Temperature range: -10 to +80



MODEL	DIMASI ON
GUARD SUS - 250	310 mm
GUARD SUS - 300	360 mm
GUARD SUS - 350	410 mm
GUARD SUS - 400	460 mm
GUARD SUS - 450	510 mm
GUARD SUS - 500	560 mm
GUARD SUS - 630	690 mm
GUARD SUS - 650	650 mm
GUARD SUS - 710	770 mm
GUARD SUS -	860

APPLICATION OPTION

Make to order สามารถทำได้ 3 ชนิด

1.Grill Stain less steel 304

2.Grill Steel

3.Grill galvanized steel

HEATER

MODEL	DIMASI ON
HTT SUS -250	1000m m
HTT SUS -300	1200 mm
HTT SUS -350	1250 mm
HTT SUS -400	1500 mm
HTT SUS -450	1800 mm
HTT SUS -500	2000 mm
HTT SUS -630	2400 mm
HTT SUS -650	2600 mm
HTT SUS -710	2800 mm
HTT SUS -800	3200 mm
HTT SUS -900	3600 mm



APPLICATION OPTION

Make to order สามารถทำได้ 3 ชนิด

- 1.Heater Stain less steel 304
- 2.Heater Steel
- 3.Heater galvanized steel



MODEL	DIMASI ON
HOOD SUS - 250	310 mm
HOOD SUS - 300	360 mm
HOOD SUS - 350	410 mm
HOOD SUS - 400	460 mm
HOOD SUS - 450	510 mm
HOOD SUS - 500	560 mm
HOOD SUS - 630	690 mm
HOOD SUS - 650	650 mm
HOOD SUS - 710	770 mm
HOOD SUS -	860

APPLICATION OPTION

Make to order สามารถทำได้ 3 ชนิด

1.HOOD Stain less steel 304

2.HOOD Steel

3.HOOD galvanized steel



M PLUS

- Processing Room (+12 to +15 C)
- Cold Room (-20 to -25 C)
- Chilled Room (0 to -5 C)
- Anti Room (+10 to -5 C)
- Loading Room (+10 to -5 C)

MODEL	DIMETER mm	VOLTAGE V/Ph/Hz	POWER IN WATT	CURRENT A	AIR VOLUME M ³ /H	SPEED RPM
4E-250-V	250	230/1/50	50	0.22	1480	1380
4E-300-V	300	230/1/50	90	0.38	1900	1380
4E-315-V	315	230/1/50	110	0.43	1920	1380
4E-315-A	315	230/1/50	100	0.50	1870	1380
4E-350-V	350	230/1/50	138	0.68	2980	1370
4E-350-A	350	230/1/50	138	0.68	2980	1370
4D-350-V	350	380/3/50	145	0.37	3110	1390
4E-400-V	400	230/1/50	180	0.81	4100	1380
4D-400-V	400	380/3/50	190	0.48	4100	1380
4E-450-V	450	230/1/50	250	1.15	5680	1380
6E-450-V	450	230/1/50	150	0.68	4680	900
4D-450-V	450	380/3/50	250	0.58	5680	1380
6D-450-V	450	380/3/50	150	0.48	4710	930
4E-500-V	500	230/1/50	420	1.85	6950	1380



- Processing room (+12 to +15 C)
- Cold Room (-20 to -25 C)
- Chilled Room (0 to -5 C)

- Anti Room (+10 to -5 C)
- Loading Room (+10 to -5 C)

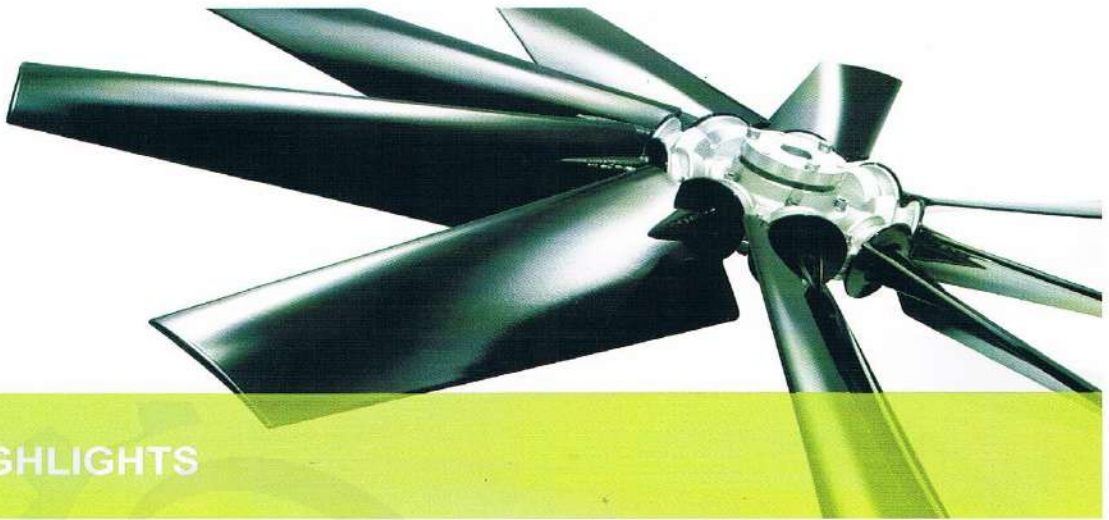
MODEL	DIMETER mm	VOLTAGE V/Ph/Hz	POWER IN WATT	CURRENT A	AIR VOLUME M ³ /H	SPEED RPM
4E-250-V	250	230/1/50	50	0.22	1000	1380
4E-300-V	300	230/1/50	90	0.38	1700	1380
4E-315-V	315	230/1/50	120	0.45	2300	1380
4E-315-A	315	230/1/50	110	0.50	1870	1380
4E-350-V	350	230/1/50	138	0.68	2980	1370
4E-350-A	350	230/1/50	138	0.68	2980	1370
4D-350-V	350	380/3/50	145	0.37	3110	1390
4E-400-V	400	230/1/50	180	0.81	3900	1350
4D-400-V	400	380/3/50	190	0.48	3900	1380
4E-450-V	450	230/1/50	250	1.15	5680	1380
6E-450-V	450	230/1/50	150	0.68	4680	900
4D-450-V	450	380/3/50	250	0.58	5680	1400
6D-450-V	450	380/3/50	150	0.48	4710	930
4E-500-V	500	230/1/50	420	1.85	6950	1320



MODEL	DIMETER mm	VOLTAGE V/Ph/Hz	POWER IN WATT	CURRENT A	AIR VOLUME M3/H	SPEED RPM	PRICE
\$4E-250-V	250	230/1/50	42	0.19	1480	1400	6000
\$4E-300-V	300	230/1/50	68	0.3	1900	1400	6500
\$4E-315-V	315	230/1/50	102	0.52	1920	1410	7500
\$4E-350-V	350	230/1/50	132	0.58	2980	1365	8500
\$4E-400-V	400	230/1/50	160	0.73	4100	1430	9500
\$4D-400-V	400	380/3/50	135	0.76	4100	1450	9500
\$4E-450-V	450	230/1/50	350	1.55	5680	1300	13000
\$6E-450-V	450	230/1/50	165	0.8	4680	940	13000
\$4D-450-V	450	380/3/50	415/340	0.7/0.61	5680/5000	1360/1250	13000
\$4E-500-V	500	230/1/50	710	3.1	6950	1330	14500
\$6E-500-V	500	230/1/50	270	1.19	5880	910	14500
\$4D-500-V	500	380/3/50	690/490	1.43/0.86	7000	1360/1110	14500
\$4D-560-V	560	380/3/50	930/600	1.78/1.05	7400	1305/995	20000
\$6D-560-V	560	380/3/50	430/280	0.9/0.48	8500	890/660	20000



MODEL	DIMETER mm	VOLTAGE V/Ph/Hz	POWER IN WATT	CURRENT A	SPEED RPM
FN025-4EK-V	300	230/1/50	50	0.22	1380
FN030-4EK-V	300	230/1/50	90	0.22	1380
FN031-4EK-V	315	230/1/50	130	0.22	1380
FN035-4EK-V	300	230/1/50	160	0.22	1380
FN040-4EK-V	400	230/1/50	240	0.38	1380
FN045-VDK-V	450	380/3/50	540/360	1.1/0.6 6	1380/1020
FN050-VDK-V	500	380/3/50	790/490	1.45/0.89	1390/950
FN056-VDK-V	560	380/3/50	1050/580	2.2/1.1	1280/910
FN063-VDQ-V	630	380/3/50	2800/1750	5.0/2.9	1320/1010
FN071-SDK-V	710	380/3/50	1000/720	2.5/1.25	920/780
FN080-SDS-V	800	380/3/50	1800/1150	3.9/2.2	900/700
FN080-SDQ-V	800	380/3/50	190	0.48	1380
FN091-SDK-V	900	230/1/50	250	1.15	1380



HIGHLIGHTS

Series	Number of Blades	Maximum Diameter
3HR	6	597 mm
	10	672 mm
	14	742 mm

Series	Number of Blades	Maximum Diameter
6WR	6	1,232 mm
	8	1,338 mm
	10	1,428 mm

Series	Number of Blades	Maximum Diameter
4ZR	6	802 mm
	9	824 mm
	12	904 mm

Series	Number of Blades	Maximum Diameter
9WR	6	1,785 mm
	8	1,891 mm
	10	1,981 mm

Series	Number of Blades	Maximum Diameter
5ZR	6	1,064 mm
	9	1,086 mm
	12	1,166 mm

Series	Number of Blades	Maximum Diameter
10GR	3	2,430 mm
	6	2,530 mm
	8	2,746 mm

Please contact Multi-Wing Sales for your details fan selections and pricings.



With headquarters in Denmark and offices in over 20 countries, the Multi-Wing Group has been manufacturing high-quality axial impeller solutions for the Radiator, Ventilation and Refrigeration industries for over 50 years.



Radiator and Engine Cooling

Multi-Wing manufactures a broad range of impellers for the use in industrial heat exchangers in mobile and stationary applications.



Ventilation

Multi-Wing is a market leader in manufacturing impellers used in axial fan units, ventilation systems, dryers and agricultural ventilation.



Refrigeration

Multi-Wing's high efficiency low-noise impellers are a perfect fit for condensers, chillers, dry coolers and evaporators.

Blade Materials

- PPG (Glass Reinforced Polypropylene)
Temperature -10°C to +90°C
- PAG (Glass Reinforced Polyamide)
Temperature -40°C to +110°C
- PAGAS (Anti Static Glass Reinforced Polyamide) EXPLOSION PROOF
Temperature -40°C to +100°C
- AL (Aluminium Alloy)
Temperature -60°C to +245°C

Fully Customized Axial Fans Diameter 225 - 2,746 mm

Multi-Wing (S.E.A.) Pte Ltd
Singapore Factory
415 Tagore Industrial Avenue
Sindo Industrial Estate
Singapore 787804

Indonesia Representative Office
Equity Tower 35th Floor
Sudirman Central Business District (SCBD)
Jl. Jend Sudirman Kav. 52-53
Jakarta 12190, Indonesia

Tel: (65) 6779 6681 • Fax: (65) 6779 6882 • Email: info@multi-wing.com.sg
Website: www.multi-wing.com.sg



MULTI WING



Airfoil Profile



Sickle Profile



Increasing Arc



True Reversible



Broad Paddle



Pressure MAX

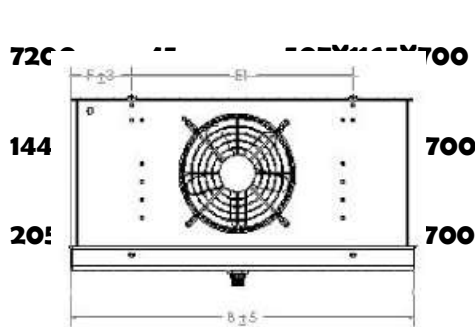
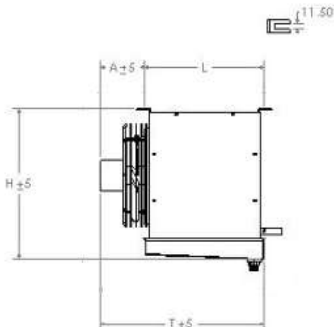


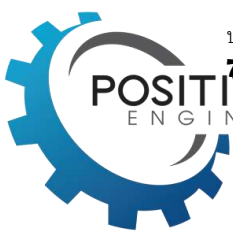
โพลีเทค พลัส
เอ็นจิเนียริง



UNIT COOLER

MODEL	404/507 DT=8K TE=-8	404/507 DT=7K Te=-25	FAN	AIR FLOW	AIR THROW	DIMENSION mm L X B X H	Connection IN OUT
TKE 2502 6M	2.7	1.87	250X2	1700	5	375X702X300	12 19
TKE 3001 6M	2.17	1.66	300X1	1400	4	375X702X300	12 22
TKE 3002 6M	4.32	3.26	300X2	2800	5.5	375X1094X410	12 22
TKE 3003 6M	6.43	4.8	300X3	4800	6.5	375X1486X410	12 22
TKE 4002 6M	9.5	6.7	400X1	6800	7	375X1486X500	12 22
TKE 4003 6M	13.1	9.5	400X3	10100	8	375X1878X500	15 28
TKE 4502 6M	15.1	11.1	450X2	12000	9	507X1878X550	15 28
TKE 4503 6M	20.4	15.2	450X3	17300	10	507X2662X550	15 35
TKE 5001 6M	12.			7200		700	15 28
TKE 5002 6M	24			144		700	22 35
TKE 5003 6M	35			208		700	28 42





UNIT COOLER

MODEL	404/507 DT=8K TE=-8	404/507 DT=7K Te=-25	FAN	AIR FLOW	AIR THROW	DIMENSION mm L X B X H	Connection	
							IN	OUT

TSP 2502 6M	2.7	1.87	250X2	1700	5	375X702X300	12	19
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TKE 3001 6M	2.17	1.66	300X1	1400	4	375X702X300	12	22
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TKE 3002 6M	4.32	3.26	300X2	2800	5.5	375X1094X410	12	22
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TKE 3003 6M	6.43	4.8	300X3	4800	6.5	375X1486X410	12	22
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TKE 4002 6M	9.5	6.7	400X1	6800	7	375X1486X500	12	22
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TKE 4003 6M	13.1	9.5	400X3	10100	8	375X1878X500	15	28
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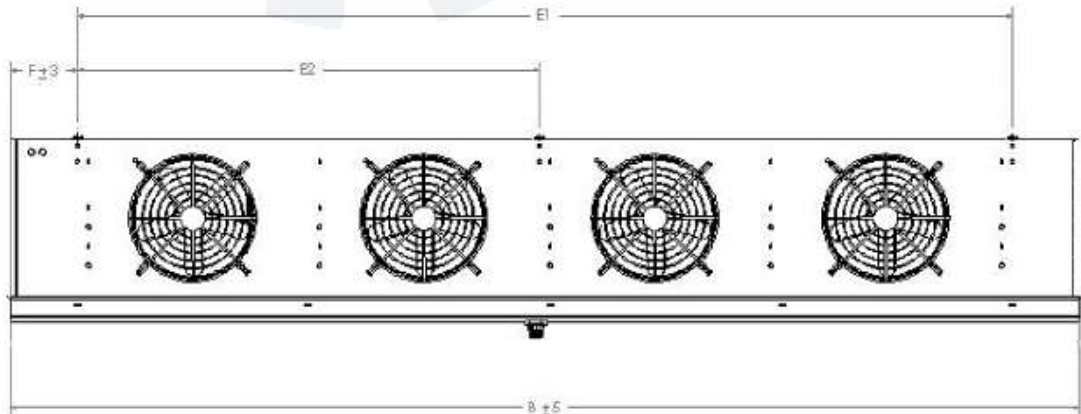
TKE 4502 6M	15.1	11.1	450X2	12000	9	507X1878X550	15	28
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TKE 4 6M								35
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TKE 5 6M								28
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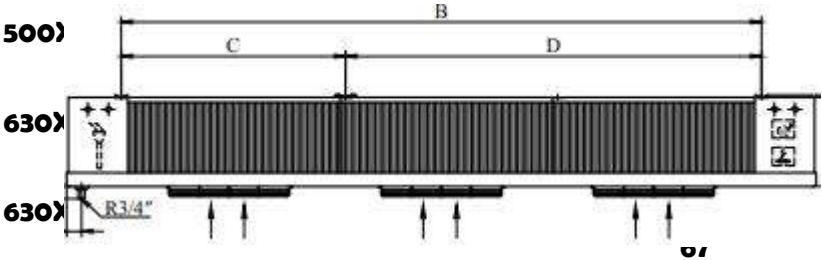
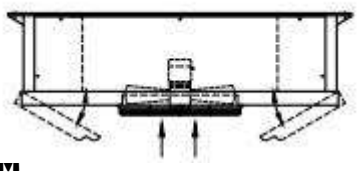
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TKE 5 6M								
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DUAL DISCHARGE

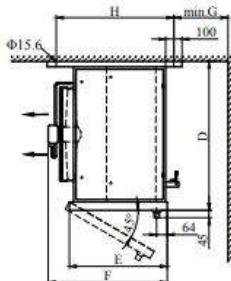
MODEL	404/5 07 DT=8K TE=-8	404/5 07 DT=7K Te=-25	FAN	AIR FLOW	AIR THRO W	DIMENSION mm L X B X H	Connectio n	
							IN	OUT
TDE 402 7M	16	11	400X2	6400	2X14	1600X1565X455	15	42
TDE 403 7M	24	15	400X2	9600	2X16	2300X1565X455	22	54
TDE 4502 7M	33.7	8	450X1	4600	2X8	1200X1565X455	15	35
TDE 4502 7M	19.5	13.5	450X2	9200	2X10	2000X1565X455	22	54
TDE 4503 7M	31	23	450X3	13800	2X12	2880X1565X455	22	54
TDE 501 7M	14	10.5	500X1	6800	2X10	1400X1565X455	15	42
TDE 502 7M	27.5	19.2	500X2	13600	2X12	2500X1565X455	22	54
TDE 503	43.5	30.9	500)					
								
TDE 6303 7M	98	65	630X3	37500	2X15	4250X1945X550	35	76



AIR BLAST FREEZER

MODEL	404/507 DT=8K TE=-8	404/507 DT=7K Te=-25	FAN	AIR FLOW	AIR THROW	DIMENSION mm L X B X H	Connection	
							IN	OUT
ABF 5002	13	19.5	500X2	15000	20	375X702X300	15	42
ABF 5002	17	13	500X2	14900	20	375X702X300	15	42
ABF 5003	18	14	500X3	22500	24	375X1094X410	15	54
ABF 5003	24	19.5	500X3	21500	25	375X1486X410	22	54
ABF 5004	23	19	500X4	29494	29	375X1486X500	22	54
ABF 5004	33	24.6	500X4	28500	28	375X1878X500	22	54
ABF 5502	20	16	550X2	16500	19	507X1878X550	22	42
ABF 5502	25	20	550X2	15700	19	507X2662X550	22	54
ABF 5503	29.9	24	550X3	24500	24	507X2662X550	22	54

ABF 5503 38



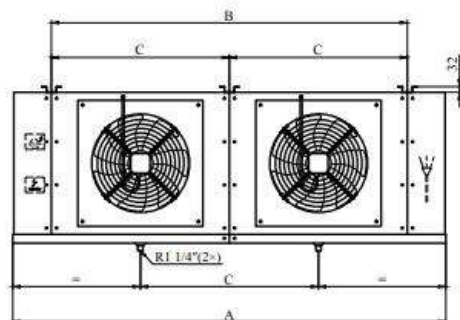
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ABF 5504 41

325

ABF 5504 50

317

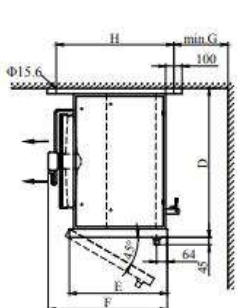




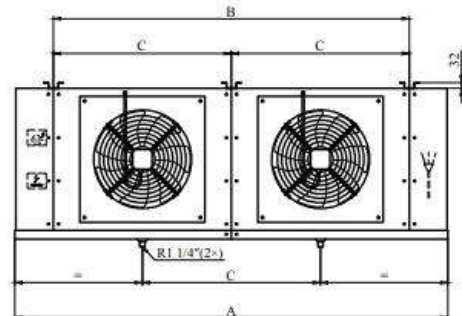
AIR BLAST FREEZER

MODEL	404/507 DT=8K TE=-8	404/507 DT=7K Te=-25	FAN	AIR FLOW	AIR THRO W	DIMENSION mm L X B X H	Connection	
							IN	OUT
ABF 6302	27	22	630X2	23900	24	375X702X300	22	54
ABF 6302	36	28	630X2	23000	24	375X702X300	22	54
ABF 6303	44	32	630X3	36900	30	375X1094X410	28	67
ABF 6303	52	37	630X3	34700	30	375X1486X410	2X22	54X2
ABF 6304	56	39	630X4	48000	35	375X1486X500	2X22	54X2
ABF 6304	71	54.5	630X4	46500	35	375X1878XX500	2X22	67X2
ABF 8001	22	18	800X1	19500	29	507X1878X550	22	54
ABF 8001	27	21	800X1	18500	27	507X2662X550	22	54
ABF 8002	45.5	35	800X2	38500	35	507X1165X70	28	67

ABF 8002 55



36



76

ABF 8003 67

58

54X2

ABF 8003 83

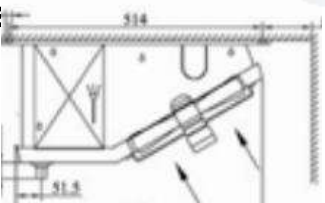
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67X2

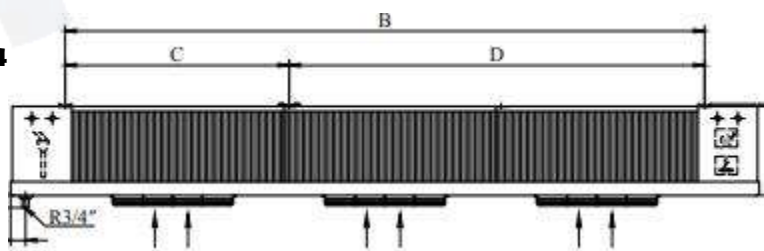


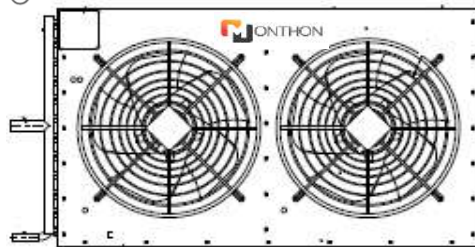
MODEL	404/5 07 DT=8K TE=-8	404/5 07 DT=7K Te=-25	FAN	AIR FLOW	AIR THRO W	DIMENSION mm L X B X H	Connectio n	
							IN	OUT
TME 301 7M	1.8	1.27	300X1	1540	5	915X630X300	12	15
TME 301 7M	2.18	1.58	300X1	1620	4	915X630X300	12	15
TME 302 7M	3.3	2.31	300X2	3080	6	1515X1230X300	12	15
TME 302 7M	4.34	3.1	300X2	3240	5	1515X1230X300	12	22
TME 303 7M	5.22	3.73	300X3	4620	7	2120X1825X300	12	22
TME 303 7M	6.43	4.47	300X3	4860	6	2120X1825X300	15	22
TKE 304 7M	6.8	4.86	300X4	6160	9	2700X2400X300	15	22

TKE
7M

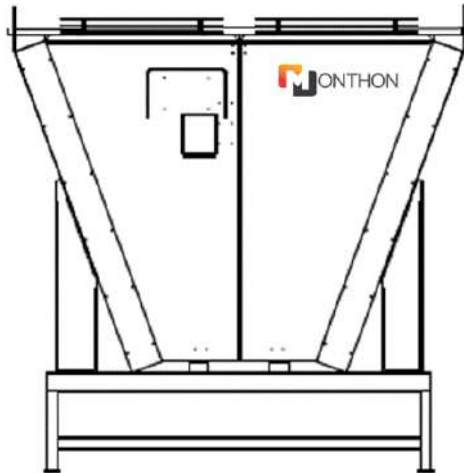


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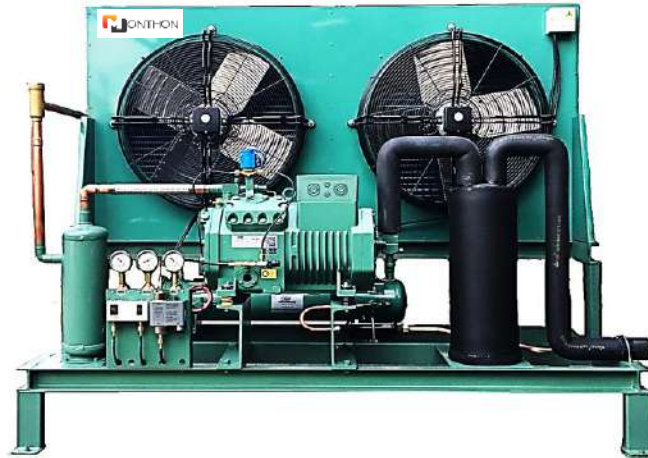




MODE L	HEA T REJE CT KW TD10	HEAT REJEC T KW TD15	Dimension	FAN	CRERIEN	CONNECTI ON	Weig hht
			W X L X H	MOTO R Ø X Pcs	Hp/Volt/Watt/A X Pcs	Inlet X Outlet	Kg
M351	4.8	7.2	250X640X470	350X1	1/4Hp 380V 0.37A	5/8"X1/2"	23
M401	6	9.0	250X640X520	400X1	1/3"Hp380V0.48A	5/8"X1/2"	25
M451	10.3	15.5	300X740X630	450X1	1/3"Hp380V0.58A	5/8"X1/2"	35
M452C	15.06	22.6	250X1120X630	450X2	1/3"Hp380V0.58A	3/4"X1/2"	49
M452D	17.3	26.0	300X1120X630	450X2	1/3"Hp380V0.58A	3/4"X1/2"	55
M502C	21.4	32.1	300X1300X730	500X2	3/4"Hp380V0.96A	5/8"X7/8"	66
M502D	28.5	42.8	300X1300X730	500X2	3/4"Hp380V0.96A	5/8"X7/8"	71
M631C	17.56	26.8	300X1050X880	630X1	1Hp380V1.95A	7/8"X1/2"	58
M631D	23.8	35.7	300X1050X880	630X1	1Hp380V1.95A	7/8"X1/2"	63
M631E	29.7	44.6	300X1050X880	630X1	1Hp380V1.95A	1-1/8"X5/8"	69
M632C	33	49.6	370X1610X880	630X2	1Hp380V1.95A	1-1/8"X5/8"	96
M632D	40.9	61.4	370X1805X1030	630X2	1Hp380V1.95A	1-1/8"X5/8"	113
M632E	54.5	81.8	370X1805X1030	630X2	1Hp380V1.95A	1-1/8"X7/8"	125
M632F	68.1	102.2	370X1805X1030	630X2	1Hp380V1.95A	1-1/8"X7/8"	134



MODEL	HEAT REJECT TD 10 K	HEAT REJECT TD15	FAN	INLET	OUTLET	W X L X H
ACDU-43	169	254	800	1-5/8	1-1/8	2200X2460X280
ACDU-44	200	300	800	1-5/8	1-1/8	2200X2460X280
ACDU-45	222	333	800	2-1/8	1-3/8	2200X2460X280
ACDU-63	252	378	800	2-1/8	1-3/8	2200X3600X280
ACDU-64	300	450	800	2-1/8	1-3/8	2200X3600X280
ACDU-65	336	504	800	2-5/8	1-3/8	2200X3600X280
ACDU-83	340	510	800	2-5/8	1-5/8	2200X4750X280
ACDU-84	401	601	800	2-5/8	1-5/8	2200X4750X280
ACDU-85	446	669	800	2-5/8	1-5/8	2200X4750X280
ACDU-104	573	860	800	2-5/8	2-1/8	2250X5900X2320
ACDU-105	663	995	800	2-5/8	2-1/8	2250X5900X2320



Air Cool Condensing Unit ประกอบด้วยดังนี้

-**BITZER** คอมเพรสเซอร์

-**Air Cool Condenser**

-**Receiver + Valve Rotalog**

-แท่นเครื่อง

อุปกรณ์ป้องกันและอุปกรณ์ไลน์น้ำยา

-ไฮ โล เพรสเซอร์สวิทช์ **KP15 +** สายเพรสเซอร์

-ไฮ โล เพรสเซอร์เกจ + เซอร์วิสวาล์ว

-ออยเพรสเซอร์คอนโทรล **MP 54 &** สายเพรสเซอร์

(สำหรับคอมเพรสเซอร์ออยปั๊ม)

-ข้ออ่อนกันสะเทือนด้านดิสชาร์จ

-ออยเซฟเปอร์เรเตอร์ + วาล์ว

-เซ็นควาล์วด้านดิสชาร์จ

-แอดคิควมูเลเตอร์+อินซูเลชั่น

-ชุด **Solenoid By Part + Valve** เริ่มตั้งแต่ **10 Hp** ขึ้น

-เพรสเซอร์รีฟิววาล์ว

-ฟิวเตอร์ทรายเออร์

-ไฮดร้าก๊าส

-วาล์วลิควิดไลน์

OPTION

-ชุด **CIC SYSTEM** ใช้กับคอมเพรสเซอร์ **4** สูบ

-ชุด **CIC SYSTEM** ใช้กับคอมเพรสเซอร์ **6** สูบ

-ชุด **OLCK 1** สำหรับคอมเพรสเซอร์ที่ไม่มีออยปั๊ม

Discharge Gas Temp Sensor



บริษัท โพลีทีฟ พลัส เอ็นจิเนียริง จำกัด
236 แขวง ศิริราช เขต บางกอกน้อย กทม **10700**
085-844-8875 082-869-7891



CONDENSE R MODEL MONTHON	COM PRESS OR BITZE R HP	EVA P TEMP P 404 Te=- 5 KW	EVAP TEMP 404 Te=- 25 KW	CONDE NSER CAPACI TY 404 DT=10K KW	COMPRESS OR	AXIAL MOTOR FAN Ø/V / Ph / Hz / W/ A	Connectio n	
							IN mm	OUT mm
4FE5-5/M45	5	9.8	-	MON 25	BZ MEDIUM	450X2/380/3/50/460/ 0.95	22	15
4EE5-6/M45	6	12.5	-	MON 39	BZ MEDIUM	500X2/380/3/50/600 /1.59	22	15
4DE5-7/M50	7	15	-	MON 39	BZ MEDIUM	500X2/380/3/50/600 /1.59	28	22
4CE5-9/M63	9	19	-	MON 52	BZ MEDIUM	630X2/380/3/50/1100 /2.2	28	22
4VE-10/M63	10	19.8	-	MON 52	BZ MEDIUM	630X2/380/3/50/1100 /2.2	28	22
4TE-12/M63	12	24.5	-	MON 52	BZ MEDIUM	630X2/380/3/50/1100 /2.2	28	22
4PE-15/M63	15	27.9	-	MPN 68	BZ MEDIUM	710X2/380/3/50/940/1 .7	28	22
4NE-20/M71	20	32.5	-	MON 68	BZ MEDIUM	710X2/380/3/50/940/1 .7	35	28
4HE-25/M71	25	45	-	MON 79	BZ MEDIUM	710X2/380/3/50/940/1 .7	42	28
4GE- 30/M80	30	52	-	MON 82	BZ MEDIUM	800X2/380/3/50/1650 /3.65	35	28
4FE5-3/M35	3	-	3.8	MON 14	BZ LOW	350X2/220/1/50/135/0 .44	15	12
4EE5-4/M40	4	-	4.9	MON 17	BZ LOW	400X2/220/1/50/160/ 0.73	15	12
4DE5- 5/M40	5	-	5.9	MON 17	BZ LOW	400X2/220/1/50/160/ 0.73	15	12
4CE5-6/M45	6	-	7.5	MON 25	BZ LOW	450X2/380/3/50/460/ 0.95	28	15
4VE-7/M45	7	-	7.9	MON 25	BZ LOW	450X2/380/3/50/460/ 0.95	28	15
4TE-9/M45	9	-	9.5	MON 25	BZ LOW	450X2/380/3/50/460/ 0.95	28	15



MODEL	DESCRIPTION	HORSE POWER
II/L	Medium-Low Temp	2
III/L	Medium-Low Temp	3
IV/L	Medium-Low Temp	5.5
V/L	Medium-Low Temp	7.5
VI/W	Medium-Low Temp	15
VII/W	Medium-Low Temp	20



PART NO	DESCRIPTION	NUMBER
310001-01	เพลลา	6
374008-02	ซีลครบชุด	7
303123-10	ฟลายวีน	15
315107-02	สลักพู่เลย์	16
361802-01	กระจกดูน้ำมันพร้อมหน้าแปลน	22
325000-23	สปริงดันเพลลา	26
302003-01	ลูกเบี้ยว	38
315107-07	สลักลูกเบี้ยว	39
315107-08	สลักลูกเบี้ยว	43
320308-03	ข้อนวดน้ำมัน	47
302239-04	ลูกสูบพร้อมก้านสูบครบชุด	48
302118-01	ก้านสูบ	49
302204-01	ลูกสูบ	51
383401-14	สลักลูกสูบ	52
372403-01	ประเก็นกันอ่าง	55
320315-01	ลิ้นดักน้ำมัน	58
380101-91	สกูบลิ้นดักน้ำมัน	59
304050-04	วาล์วเพลทครบชุด	61
320210-01	ลิ้นทางส่ง	62
320230-01	แผ่นประกบ	63
325000-18	สปริงลิ้นทางส่ง	64



MODEL	DESCRIPTION	HORSE POWER
\$4T-5.2	Low Temp	5.5
\$4N-8.2	Low Temp	7.5
\$4G-12.2	Low Temp	12.5
\$6J-16.2	Low Temp	15
\$6H-20.2	Low Temp	20
\$6G-25.2	Low Temp	25
\$6F-30.2	Low Temp	30



MODEL	Description R22 R404A R23	Horse Power
2HES-1	Medium-Low Temp	1 HP
2HES-2	High-Medium	2HP
2GES-2	High-Low	2HP
2FES-2	Medium-Low	2HP
2FES-3	High- Medium	3HP
2EES-2	Medium-Low	2HP
2EES-3	High-Medium	3HP
2DES-2	Medium-Low	2HP
2DES-3	High-Medium	3HP
2CES-3	Medium-Low	3HP
2CES-4	High-Medium	4HP
4FES-3	Medium-Low	3HP
4FES-5	High-Medium	5HP
4EES-4	Medium-Low	4HP
4EES-6	High-Medium	6HP
4DES-5	Medium-Low	5HP
4DES-7	High-Medium	7HP
4CES-6	Medium-Low	6HP
4CES-9	High-Medium	9HP
4VE-6	Medium-Low	6HP
4VE-10	High-Medium	10HP



MODEL	Description R22	Horse Power
4TE-12	High-Medium	12 HP
4PE-12	Medium-Low	12HP
4PE-15	High-Medium	15HP
4NE-14	Medium-Low	14HP
4NE-20	High- Medium	20H P
4JE-15	Medium-Low	15HP
4JE-22	High-Medium	22HP
4HE-18	Medium-Low	18HP
4HE-25	High-Medium	25HP
4GE-23	Medium-Low	23HP
4GE-30	High-Medium	30H P
6JE-25	Medium-Low	25HP
6JE-33	High-Medium	33HP
6HE-28	Medium-Low	28HP
6HE-35	High-Medium	35HP
6GE-34	Medium-Low	34HP
6GE-40	High-Medium	40H P

BITZER OPEN TYPE

MODEL	Description R22	Horse Power
2T.2-S	High-Low	7.5 HP
2T.2-K	High-Low	7.5HP
2N.2-S	High-Low	10HP
2N.2-K	High-Low	10HP
4T.2-S	High-Low	15HP
4T.2-K	High-Low	15HP
4N.2-S	High-Low	20HP
4N.2-K	High-Low	20HP
4H.2-S	High-Low	25HP
4H.2-K	High-Low	25HP
4G.2-S	High-Low	30HP
4G.2-K	High-Low	30HP
6H.2-S	High-Low	35HP
6H.2-K	High-Low	35HP
6G.2-S	High-	40HP





Oil Seperator



MODEL	CONNECTION Inch	ØD mm	OIL Outlet	FIRST OIL L	VOLUME l
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F5600 **3/8"** **102** **1/4"** **0.5** **1.6**

F5601 **1/2"** **102** **1/4"** **0.5** **1.6**



F5602 **5/8"** **102** **1/4"** **0.5** **2.1**

F5603 **7/8"** **140** **3/8"** **0.9** **5.0**

F5604 **1-1/8"** **140** **3/8"** **0.9** **6.0**

F5605 **1-3/8"** **140** **3/8"** **0.9** **7.0**

MODEL	CONNECTION Inch	ØD mm	OIL Outlet	FIRST OIL mL	VOLUME l
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F5202S **5/8"** **102** **1/4"** **450** **2.0**

F5203S **7/8"** **102** **1/4"** **450** **3.0**

F5204S **1-1/8"** **102** **1/4"** **450** **3.5**

F5205S **1-3/8"** **102** **1/4"** **450** **3.4**



F6204S **1-1/8"** **165** **3/8"** **1100** **7.3**

ลูกค้าต้องได้สิ่งที่ถูกต้องและเหมาะสม



MODE L	CON NEC Inch	Ø D m m	OIL Out let	FIRST OIL L	VOLUME I
F5600	3/8"	102	1/4"	0.5	1.6
F5601	1/2"	102	1/4"	0.5	1.6
F5602	5/8"	102	1/4"	0.5	2.1
F5603	7/8"	140	3/8"	0.9	5.0
F5604	1-1/8"	140	3/8"	0.9	6.0
F5605	1-3/8"	140	3/8"	0.9	7.0
			.		
F5606	1-5/8"	165	3/8"	1.2	8.0
F5607	2-1/8"	165	3/8"	1.2	9.0
F6506	1-5/8"	165	3/8"	1.1	6.8



MODE L	CONN EC Inch	Ø D m m	OIL Out let	FIRST OIL L	VOLUME I
F6607	7/8"	102	3/8"	0.5	2.5
F6609	1-1/8"	102	3/8"	0.5	2.5
F6611	1-3/8"	165	3/8"	1.2	7.0
F6613	1-5/8"	165	3/8"	1.2	7.0
F6617	2-1/8"	165	3/8"	1.2	8.2



MODEL	CONNECTION Inch	OD m m	H	VOLUME l
FA2-204	1/2"	102	263	1.6
FA2-205	5/8"	102	338	2.0
FA2-206	3/4"	140	344	4.0
FA2-207	7/8"	140	414	5.8
FA2-208	1-1/8"	165	486	8.0
FA2-209	1-3/8"	165	601	10.0
FA2-210	1-5/8"	165	552	16.0
FA2-221	2-1/8"	273	569	24.0
FA2-225	2-5/8"	273	787	31.5
FA2-231	3-1/8"	325	815	43.0

ลูกค้าต้องได้สิ่งที่ถูกต้องและเหมาะสม



MODE L	CONN EC IN / OUT	Ø D mm	SAFTY PORT	H mm	VOLU ME I
L-4	3/8"	16	1/4"	290	4
L-6	1/2"	16	1/4"	390	6
L-8	1/2"	16	1/4"	490	8
L-10	5/8"	21	1/4"	369	10

MODE L	CONN EC IN / OUT	Ø D mm	SAFTY PORT	L mm	VOLU ME I
W-14	1/2"	16	1/4"NPT	743	14
W-16	5/8"	16	1/4"NPT	843	16
W-19	5/8"	16	1/4" NPT	993	19
W-23	7/8"	16	1/4" NPT	1203	23
W-30	7/8"	16	1/4" NPT	1526	30
W2-40	7/8"	21	3/8" NPT	1200	40
W2-50	7/8"	21	3/8" NPT	1500	50

OIL LEVEL REGULATOR



MODE L	OPERATING DEFFERENCE
F-OLA1	Mechanical No SightGlass
F-OLC2	Mechanical One SightGlass
F-OLC1	Mechanical Two SightGlass

OIL PRESSURE DIFFERENTIAL VALVE



MODEL	OPERATING DIFFERENCE PRESS
FCV-20	OPERATING DIFFERENCE 20 Psi (1.38) Bar
FCV-30	OPERATING DIFFERENCE 30 Psi (2.07) Bar
Y1236-C	ADJUSTMENT RANGE 10-25 PSI DIFFERENTIAL



OIL FILTER



MODEL	
FOR-03	3/8 SAE
FOK 04	1/2 SAE
FOK 05	5/8 SAE



DRIER SHELL



MODEL	CONNECTI ON	NUMBER OF CORES
FE485	5/8"	1
FE487	7/8"	1
FE489	1-1/8"	1
FE4811	1-3/8"	1
FE481	1-5/8"	1
3		
FE481	2-1/8"	1
7		
FE482	2-5/8"	1
1		
FE482	3-1/8"	1
5		
FE967	7/8"	2
FE969	1-1/8"	2
FE961	1-3/8"	2
1		
FE961	1-5/8"	2
3		
FE961	2-1/8"	2



MODEL	DESCRIPTION
48A	DRIER CORE FOR LIQUID LINE
48C	FOR BURNOUT FILTERS
FRE48	SUCION FILTERS
13	
FE111	2-1/8"



HAND VALVE CHECK VALVE



MODEL	CONNECTION
SR6202	1/4" F
SR6202S	1/4" S
SR6203	3/8" F
SR6203S	3/8" S
SR6204	1/2" F
SR6204S	1/2" S
SR6205	5/8" F
SR6205S	5/8" S



MODEL	CONNECTION
SR08	1/2"
SR10	5/8"
SR12	3/4"
SR14	7/8"
SR18	1-1/8"
SR22	1-3/8"
SR26	1-5/8"



MODEL	CONNECTION
FT1	1/4" F X 1/4" NPT
FT2	3/8" F X 1/4" NPT
FT3	1/4" F X 3/8" NPT
FT4	3/8" F X 3/8" NPT
F\$1	1/4" F X 1/4" Nut Ver
F\$2	1/4" F X 1/4" Nut Hor
F\$3	3/8" F X 3/8" Nut \$L
F\$4	3/8" F X 3/8" Nut Ver



MODEL	CONNECTION
BV002	3/8"
BV004	1/2"
BV005	5/8"
BV006	3/4"
BV007	7/8"
BV008	1-1/8"
BV009	1-3/8"
BV010	1-5/8"
BV011	2-1/8"



MODEL	CONNECTION
SV12	1/8"NPT X 1/4"SAE
SV13	1/4"NPT X 3/8"SAE
SV14	3/8"NPT X 1/2"SAE
SV15	1/2"NPT X 5/8"



MODEL	CONNECTION
003100	3/8"X1"
004100	1/2"X1"
005100	5/8"X1"
005114	5/8"X1-1/4"
007114	7/8"X1-1/4"
007134	1-1/8"X1-3/4"
118114	1-1/8"X1-1/4"
118134	1-1/8"X1-3/4"
138134	1-3/8"X1-3/4"
158214	1-5/8"X2-1/4"
218214	2-1/8"X2-1/4"



MODEL	CONNECTION
VC1201	1/2"
VC5801	5/8"
VC7801	7/8"
VC7802	7/8"
VC7803	7/8"
VC11801	1-1/8"
VC11802	1-1/8"
VC11803	1-1/8"
VC13801	1-3/8"
VC13802	1-3/8"
VC13802	1-3/8"
VC15801	1-5/8"
VC21801	2-1/8"



MODEL	REFRIGERENT
ตัวถัง SUS ต่อข้าง เกลียว 1/4"	
REFCO -306 DS Hi 63	R22 R404A R134A
REFCO -206 DS Low 63	R22 R404A R134A
ตัวถัง SUS ต่อหลัง เกลียว 1/4"	
REFCO -305 DS Hi 63	R22 R404A R134A
REFCO -206 DS Low 63	R22 R404A R134A
ตัวถัง SUS ต่อหลัง เกลียว 1/4"	
BRLN-OPG-800A Hi 63	R410
BRLN-OPG-500A Low 63	R410



MODEL	CAPACITY KW	CONNECT ION inch
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018F628 220/50/10 AC 2

มีสายไฟ



018F670 220/50/10 AC 1

เทวมินัลกันน้ำ

018F617 220/50/10 AC 6

เทวมินัลไม่กันน้ำ



018F68 220/50/12 01

เทวมินัลกันน้ำ

018F670 12/50/10 6

เทวมินัลกันน้ำ

018F670 24/50/10 7

เทวมินัลกันน้ำ

018F685 12DC 20W 6

เทวมินัลกันน้ำ

M

TI

E

018F685 24DC 20 7

เทวมินัลกันน้ำ



EVR5

5.4

1/4"

EVR3

5.4

3/8"

EVR6

16.1

3/8"

EVR6

16.1

1/2"

EVR10

38.2

1/2"

EVR10

38.2

5/8"

EVR15

52.3

5/8"

EVR15

52.3

7/8"

EVR20

101

7/8"

EVR20

101

1 1/8"

EVR25

201

1 1/8"

EVR25

201

1 3/8"

MODE L	TYPE VALVE	REFRIGERANT	CONNECTION inch
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068Z32 06 **TEX 2** **22** **3/8X1/2**

068Z34 03 **TES 2** **404A/507** **3/8X1/2**

068Z33 48 **TEN 2** **134A** **3/8X1/2**

068Z35 01 **TEZ 2** **407** **3/8X1/2**



ORIFIC	ORIFIC
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0682010 01

0682015 02

068200 6 **03**

068200 7 **04**

068200 8 **05**

068200 9 **06**





7891
POSITIVE PLUS
ENGINEERING

TEX-5 –TES 20

R404A/R507

TES 5 –TES 20

R404A/R507



NUMD ER	TYPE
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067B325 TEX 5

0

067B32 TEX 12

09

067B32 TEX 20

92

067B334 TES 5

2

067B334 TES 12

6



TYPE	NUMB ER	SIZE	PRIC E	TYPE	NUMB ER	ORIFI C
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TE 5 067B40 1/2X5/8 900 TE 5 067B27 01

09

89

067B40 1/2X7/8 900

10

067B27 02

90

067B40 5/8X7/8 900

11

067B27 03

91

067B40 7/8X1- 1700

34

067B27 04

92

TE 12 067B40 7/8X1- 1500

21

1/8

TE 12 067B27 05

08

TE 20 067B40 7/8X1- 1500

21

1/8

067B27 06

09

067B27 07

10

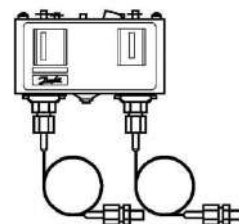
TE 20 067B27 08

71

067B27 09

73





MODEL	TYPE	Discription
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060-110166	Low Pressure Sw KP1	0.2-7.5 bar Auto Reset
060-110366	Low Pressure Sw KP1	0.2-5.0 bar Manual Reset
060-117166	High Pressure Sw KP5	8-28 bar Auto Reset
060-117366	High Pressure Sw KP5	8-28 bar Manual Reset
060-124366	High-Lc Sw K15	High Manual Low Auto
060-126466	High-Lc Sw K15	High Auto Low Manual



MODEL	TYPE
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060B016866	MP 54 Fixed 0.65 relay 90\$
060B016966	MP 54 Fixed 0.65 relay 120\$
060B017266	MP 55 Range 0.3-4.5 bar relay 90\$
060B017366	MP 55 Range 0.3-4.5 bar relay 120\$

MODEL	CONNECTION TYPE	
SGN 6 Flare	1/4X1/4	0201057
SGN 10 Flare	3/8X3/8	0201058
SGN 12 Flare	1/2X1/2	0201052
SGN 16 Flare	5/8X5/8	0201059
SGN 19 Flare	3/4X3/4	0201054
SGN 6 Flare	1/4X1/4	0201060
SGN	1-3/8 Angleway	0201056
NRV35	1-5/8 Angleway	0201061
NRV6	1/4 Straightway	0201010
NRV10	3/8 Straightway	0201011
NRV12	1/2 Straightway	0201012
NRV16	5/8 Straightway	0201018
NRV19	3/4 Straightway	0201019
NRV22	7/8 Angleway	0201020
NRV28	1-1/8 Angleway	0201021
NRV35	1-3/8 Angleway	0201026





MODEL	CONNECTION TYPE	
NRV6	3/8 Straightway	0201057
NRV10	1/2 Straightway	0201058
NRV12	5/8 Straightway	0201052
NRV16	3/4 Straightway	0201059
NRV19	7/8 Straightway	0201054
NRV22	1-1/8 Angleway	0201060
NRV28	1-3/8 Angleway	0201056
NRV35	1-5/8 Angleway	0201061
NRV6	1/4 Straightway	0201010
NRV10	3/8 Straightway	0201011
NRV12	1/2 Straightway	0201012
NRV16	5/8 Straightway	0201018
NRV19	3/4 Straightway	0201019
NRV22	7/8 Angleway	0201020
NRV28	1-1/8 Angleway	0201021
NRV35	1-3/8 Angleway	0201026

MODEL	CONNECTION
BV002	3/8"
BV004	1/2"
BV005	5/8"
BV006	3/4"
BV007	7/8"
BV008	1-1/8"
BV009	1-3/8"
BV010	1-5/8"
BV011	2-1/8"



MODEL	รายละเอียด
Maxglue	กาวทายาง 700 g
Maxglue	กาวทายาง 3000 g
Maxglue	กาวทายาง 15000g
Maxtape	โฟม เทป 1/8" X 2" 30ft
Maxcoat	สีทายาง 0.9

ACCESSORIES



MODEL	PRICE
1/4"	30
3/8"	40
1/2"	50
5/8"	60
3/4"	100



MODEL	PRICE
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1/4" X 1/8" NPT 35

1/4" X 1/4" NPT 40

1/4" X 3/8" NPT 70



3/8" X 1/4" NPT 70

3/8" X 3/8" NPT 90

1/2" X 3/8" NPT 120



MODEL	PRICE
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1/4" X 1/8" NPT 90

1/4" X 1/4" NPT 90

1/4" X 3/8" NPT 120



MODEL	PRICE
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3GS 820

4GS 820

5GS 820

MODEL	PRICE
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3GS 820

4GS 820

5GS 820



MODEL	PRICE
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3GS 820

4GS 820

5GS 820



MODEL	PRICE
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3GS 820

4GS 820

5GS 820

OD	PRICE
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1/4"	45
3/8"	35
1/2"	35
5/8"	25
3/4"	65
7/8"	35
1-1/8"	75
1-3/8"	160
1-5/8"	190
2-1/8"	320
2-5/8"	600
3-1/8"	950
4-1/8"	2500



OD	PRICE
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1/4"	65
3/8"	75
1/2"	87
5/8"	98
3/4"	120
7/8"	90
1-1/8"	130
1-3/8"	195
1-5/8"	280
2-1/8"	480
2-5/8"	880
3-1/8"	1600
4-1/8"	3000

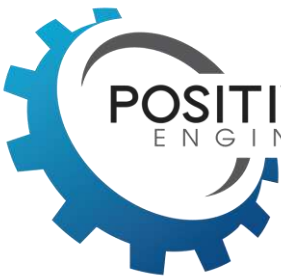
OD	PRICE
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3/8"	75
1/2"	50
5/8"	25
3/4"	100
7/8"	40
1-1/8"	85
1-3/8"	120
1-5/8"	170
2-1/8"	320
2-5/8"	600
3-1/8"	950
4-1/8"	-



OD	PRICE
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1/4"	10
3/8"	10
1/2"	16
5/8"	18
3/4"	35
7/8"	30
1-1/8"	60
1-3/8"	78
1-5/8"	90
2-1/8"	140
2-5/8"	320
3-1/8"	480
4-1/8"	1980



OD	PRICE
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3/8"X1/4"	70
1/2"X1/4"	59
1/2"X3/8"	25
5/8" X1/4"	30
5/8"X3/8"	65
5/8"X1/2"	35
3/4"X3/8"	75
3/4"X1/2"	55
3/4"X5/8"	50
7/8"X3/8"	35
7/8"X1/2"	35
7/8"X5/8"	50
7/8"X3/4"	50
1-1/8"X1/2"	75
1-1/8"X5/8"	75
1-1/8"X3/4"	75
1-1/8"X7/8"	75
1-3/8"X1/2"	85
1-3/8"X5/8"	85
1-3/8"X7/8"	85
1-3/8"X1-1/8"	90
1-5/8"X5/8"	140
1-5/8"X7/8"	140
1-5/8"X1-1/8"	140
1-5/8"X1-3/8"	140
2-1/8"X1-1/8"	240
2-1/8"X1-3/8"	240
2-1/8"X1-5/8"	240



OD	PRICE
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2-5/8"X1-1/8"	480
2-5/8"X1-3/8"	480
2-5/8"X1-5/8"	480
2-5/8"X2-1/8"	480
3-1/8"X2-1/8"	600
3-1/8"X2-5/8"	600
4-1/8"X2-5/8"	1500
4-1/8"X3-1/8"	1500

OD	PRICE
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3/8"	40
1/2"	70
5/8"	90
3/4"	150
7/8"	190
1-1/8"	390
1-3/8"	550
1-5/8"	950
2-1/8"	2000

OD	PRICE
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5/8"	290
3/4"	450
7/8"	490
1-1/8"	650
1-3/8"	850
1-5/8"	1400
2-1/8"	2600

OD	PRICE
3/8"X3/8"X1/4"	75
1/2"X1/2"X1/4"	130
1/2"X1/2"X3/8"	150
5/8"X5/8"X1/4"	150
5/8"X5/8"X3/8"	200
5/8"X5/8"X1/2"	120
3/4"X3/4"X3/8"	210
3/4"X3/4"X1/2"	220
3/4"X3/4"X5/8"	150
7/8"X7/8"X3/8"	80
7/8"X7/8"X1/2"	100
7/8"X7/8"X5/8"	100
7/8"X7/8"X3/4"	150
1-1/8"X1-1/8"X1/2"	190
1-1/8"X1-1/8"X5/8"	190
1-1/8"X1-1/8"X3/4"	300
1-1/8"X1-1/8"X7/8"	200
1-3/8"X1-3/8"X5/8"	250
1-3/8"X1-3/8"X3/4"	250
1-3/8"X1-3/8"X7/8"	250
1-3/8"X1-3/8"X1-1/8"	250
1-5/8"X1-5/8"X5/8"	320
1-5/8"X1-5/8"X3/4"	390
1-5/8"X1-5/8"X7/8"	390
1-5/8"X1-5/8"X1-1/8"	390
1-5/8"X1-5/8"X1-3/8"	390



OD	PRICE
2-1/8"X2-1/8"X5/8"	590
2-1/8"X2-1/8"X7/8"	590
2-1/8"X2-1/8"X1-1/8"	590
2-1/8"X2-1/8"X1-3/8"	590
2-1/8"X2-1/8"X1-5/8"	590
2-5/8"X2-5/8"X1-3/8"	1500
2-5/8"X2-5/8"X1-5/8"	1500
2-5/8"X2-5/8"X2-1/8"	1500
3-1/8"X3-1/8"X1-5/8"	1800
3-1/8"X3-1/8"X2-1/8"	1800
3-1/8"X3-1/8"X2-5/8"	1800
4-1/8"X4-1/8"X2-1/8"	3950
4-1/8"X4-1/8"X2-5/8"	5500
4-1/8"X4-1/8"X3-1/8"	5000
6-1/8"X6-1/8"X4-1/8"	CALL
6-1/8"X6-1/8"X4-1/8"	CALL



ท่อทองแดงเส้น ยาว 6 เมตร

MODEL OD SIZE	TYPE CU L PRICE	TYPE CU M PRICE
3/8"	650	400
1/2"	1000	570
5/8"	1450	850
3/4"	1800	1100
7/8"	2300	1750
1-1/8"	3200	2500
1-3/8"	4500	3500
1-5/8"	5800	4800
2-1/8"	8700	7500
2-5/8"	14000	11000
3-1/8"	18000	15000



ท่อทองแดงเส้น ยาว 6 เมตร

OD SIZE Inch	PRICE
1/4"	1100
3/8"	1800
1/2"	2400
5/8"	3000
3/4"	3550





Model	Size Liter
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**SUNISO
3GS 3.785**

**SUNISO
3GS 3.785**

**SUNISO
3GS 3.785**

Model	Size Liter
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**SUNISO
3GS 3.785**

**SUNISO
3GS 3.785**

**SUNISO
3GS 3.785**

Model	Size Liter
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**SUNISO
3GS 3.785**

**SUNISO
3GS 3.785**

**SUNISO
3GS 3.785**



Model	Size
	Liter

SUNISO 3GS 3.785

SUNISO 3GS 3.785

Model	SIZE
	Liter

EMKARATE RL32H 5

EMKARATE RL46H 5

EMKARATE RL68H 5

Model	SIZE
	Liter

FUCHS SEZ 22 H 5

FUCHS SEZ 32 H 5

FUCHS SEZ 46 H 5

FUCHS SEZ 68H 5

Model	SIZE
	Liter

FUCHS SEZ 22 H 5

FUCHS SEZ 32 H 5

FUCHS SEZ 46 H 5

FUCHS SEZ 68H 5