

MEHRASL

MANUFACTURING CORPORATION

APC&RPC Package Units

(4-100 R-ton , 13-350 kw)



ARPU 9402

MEHRASL

MANUFACTURING CORPORATION

HEAD OFFICE: No. 17 - ZOHREH St. - MOFATTEH Ave.
TEHRAN 15-666-36081 - IRAN
TEL: (0098-21) 86302801 FAX: (0098-21) 86304147
FACTORY: SALIMI Industrial Zone - TABRIZ - IRAN
TEL: (0098-41) 34328941-50 FAX: (0098-41) 34328665

دفتر مرکزی تهران ۱۷- زهره - موفاتحه
ایران ۱۵-۶۶۶-۳۶۰۸۱
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Email: headoffice@mehrasl.com http://www.mehrasl.ir



MODEL KEYWORD

RPC 1 1 S A 20 6 W

Product series:

RPC: Remote Air-cooled package unit
APC: Air-cooled package unit
WPC: Water-cooled package unit

Product Version

Number of Compressors:

1 or 2

Compressor type:

S: Reciprocating Semi hermetic
E: Compact Semi hermetic Screw
H: Reciprocating hermetic
F: Scroll hermetic

Compressor brand:

A: Carrier (Carlyle)
B: BITZER
C: Copeland or DWM Copeland
M: Maneurop
R: Frascold

Nominal capacity:

(4-100 R.Ton ~ 13-350 KW)

Packing specifications:

D: Domestic packing
I: International packing
W: Without packing

Electrical power specifications:

(V-Ph-Hz)	(V-Ph-Hz)
1 :575-3-60	5 :200-1-60
2 :460-3-60	6 :400-3-50
3 :230-3-60	7 :220-1-50
4 :200-3-60	

Design improvements:

O: Original (without additional options)
M: With Microprocessor controller

* Electrical heaters, Hot water heating coil or steam heating coil, electrical humidifier, water spray nozzle and ultra sonic humidifier are available upon request.

** The heating capacity should be mentioned separately.

***The humidifier capacity should be mentioned separately.

توجه: این موارد برای اطلاعات عمومی کاربرد می باشد و استفاده غیر مجاز و نقل کلمه مطالب این مجلد بدون اخذ مجوز کتبی از شرکت مهر اسل است. کلیه مشخصات فنی بدون اطلاع قبلی قابل تغییر هستند و در موارد فرار ادبی می باشد. برای هر موردی تکمیل کننده کتبی از مهر اسل باشد.

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APC1



BY REQUEST *



APC1



APC2



RPC1



RPC2

* All the units are up flow type, other air discharge (front flow or down flow) are available by request. Any customized models (e.g. condensing unit, air handling unit with DX coil) are also available by request.

RPC & APC Package Units

GENERAL INFORMATION :

MEHR ASL air conditioners, with remote air cooled package units (RPC) and air cooled package units (APC) are designed and manufactured to be used in wide range of commercial and industrial applications, mainly in office buildings, hospitals, hotels, apartments and etc.

RPC: Remote air cooled package units are designed in 2 versions:

- Version 1: RPC1, horizontal models in 31 ranges of capacity with nominal capacity of 20-100 R-ton (70-350 kw).
- Version 2: RPC2, vertical models in 8 ranges of capacity with nominal capacity of 15-40 R-ton (53-140kw).

APC: Air cooled package units designed in 2 versions:

- Version 1: APC, horizontal models in 31 ranges of capacity with nominal capacity of 20-100 R-ton (70-350 kw).
- Version 2: APC2, vertical models in 9 ranges of capacity with nominal capacity of 4-20 R-ton (14-70kw).

Unit's body and frames are made of galvanized steel sheets and coated with Electro static spray paint and cooked in 200 – 250 °C.

COMPRESSOR:

The compressors used with our units are provided from world's famous producers such as Carrier (8 - 40 R-ton), Maneurop (5 - 10 R-ton) reciprocating type, Copeland (5 - 10 R-ton in two type of hermetic and scroll), Bitzer (4 - 50 R-ton in two types of semi-hermetic and screw).

The advantage of screw and scroll compressors are lower noise & vibration, higher efficiency and longer working hours than reciprocating compressors.

For more information please contact our engineering Dep.

**EVAPORATOR :**

Copper tube - aluminum fins (or copper tube-copper fins by request) evaporator coils are manufactured with high heat transfer by expanding tubes to fins. The evaporator coils are tested under 20 bar pressure. (Inner grooved copper tubes are also available by request.)

**EVAPORATOR FAN :**

MEHR ASL uses centrifugal, double suction type evaporator fans with forward curved blades with belt driven or motor driven for small models.

Back ward curved fans are also available by request.

**REFRIGERATION CIRCUIT COMPONENTS :**

The following components used on the liquid refrigerant line: Shut-off valve, removable type filter dryer, thermostatic valve expansion mounted before evaporator coil and service valves.

CONTROL PANEL :

Control panels are designed with the most recent product by Telemecanique, Siemens, Alco, and any available trade mark by request. MEHR ASL Corp. offers two kinds of mechanical and microprocessor control circuits for its products.

a- Mechanical control panel:

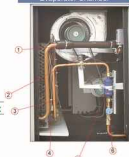
This type of panel includes circuit breaker, contactors for compressors, evaporator fan and condenser fans. They also include pressure controls for high, low and oil pressures, pressure gages, warning lights and on/off switches.

b- Microprocessor control panel:

This type of panel is equipped with the latest microprocessor control system technology and instruments. In such a system all the pressures and temperature sensors are processed by the main board, all the faults are processed with this board and the whole system is controlled by this main board.

The LCD display on the controller lets the user to observe various variables and enables them to control and change necessary parameters.

Evaporator Chamber



- ① - Thermostat
- ② - Solenoid valve
- ③ - Distributor
- ④ - Expansion valve
- ⑤ - Filter
- ⑥ - Sight glass

Condenser Chamber



APC1 and RPC1 models physical data

Model	APC1**20	APC1**25	APC1**30	APC1**40	APC1**50	APC1**60	APC1**70	APC1**80	APC1**100
INDOOR FAN (Evaporator)									
Fan model (INCOTRA)	AT 18" x 18"	AT 18" x 18"	AT 22" x 22"	AT 18" x 18"	AT 18" x 18"	AT 22" x 22"	AT 22" x 22"	AT 26" x 26"	AT 28" x 28"
Number of fan	1	1	1	2	2	2	2	2	2
Nominal cfm	8000	10000	12000	2 x 8000	2 x 10000	2 x 12000	2 x 14000	2 x 16000	2 x 20000
Cfm range	5000-12500	5000-12500	7400-13000	9500-25000	11300-37000	15000-37000	19500-37000	24000-40000	20000-40000
Fan speed (rpm)	738	763	700	738	770	720	750	500	560
Motor power (kW)	5.5	5.5	11	2 x 5.5	2 x 5.5	2 x 11	2 x 11	2 x 16.5	2 x 18.5
INDOOR COIL (Evaporator)**									
No. of rows / Fin per meter	6 / 472	4 / 472	6 / 472	6 / 472	4 / 384	6 / 384	6 / 472	6 / 472	6 / 551
Total face area (m ²)	1.45	1.725	1.725	2.93	4.4	4.4	4.4	5.5	5.5
FILTER AND DAMPERS									
Filter face area (m ²)	1.9	2.25	2.25	3.375	5	5	5	6.75	6.75
Fresh air face area (m ²)	0.119	0.272	0.272	0.39	0.39	0.382	0.382	0.573	0.573
Return air face area (m ²)	0.354	0.408	0.408	0.995	0.995	0.995	0.995	1.34	1.34
For APC series**									
OUTDOOR COIL (Condenser)									
Num. of rows / Fin per meter	4 / 472	3 / 384	4 / 384	4 / 551	3 / 384	4 / 384	4 / 551	3 / 384	4 / 551
Num. of fan / fan diameter	2 / 710	3 / 710	3 / 710	4 / 710	6 / 710	6 / 710	6 / 710	3 / 1000	3 / 1000
Total face area (m ²)	2.4	3.6	3.6	4.12	6.75	6.75	6.75	14.6	14.6

* Hot water coil, steam coil, electrical heater and humidifier upon request.

** For RPC series you can select a wide range of suitable air cooled condenser with referring to MEHRASL AIR COOLED CONDENSER CATALOGUE.

APC2 models Physical data

Model	APC2**4	APC2**5	APC2**6	APC2**7	APC2**8	APC2**10	APC2**12	APC2**15	APC2**20
INDOOR FAN (Evaporator)*									
Fan model	AT 10" x 10"	AT 10" x 10"	AT 12" x 12"	AT 12" x 12"	AT 15" x 15"	AT 15" x 15"	AT 15" x 15"	AT 15" x 15"	AT 15" x 15"
Number of fan	1	1	1	1	1	1	1	1	1
Nominal cfm	1600	2000	2400	2800	3000	4000	4800	6000	8000
Cfm range	1200-2000	1500-2500	2000-3000	2300-3300	3000-3700	3500-5000	3500-5000	5000-7000	6000-10000
Fan speed (rpm)	800	900	900	950	720	750	770	800	900
Motor power (kW)	0.55	0.75	0.75	1.5	2.2	2.2	3	4	5.5
INDOOR COIL (Evaporator)**									
No. of rows / Fin per meter	4 / 473	4 / 473	4 / 473	4 / 473	6 / 473	6 / 473	6 / 473	6 / 473	8 / 551
Total face area (m ²)	0.3	0.37	0.45	0.52	0.6	0.63	0.75	0.94	1.2
OUTDOOR COIL (Condenser)									
Num. of rows / Fin per meter	4 / 551	4 / 551	3 / 551	3 / 551	3 / 551	1 / 710	1 / 710	2 / 630	2 / 710
Num. of fan / fan diameter	1 / 500	1 / 630	2 / 500	1 / 710	1 / 710	1 / 710	1 / 710	2 / 630	2 / 710
Total face area (m ²)	0.67	0.84	1.1	1.2	1.38	1.38	2.1	3.2	3.2

* Motor driven fan could be mounted for this models upon request.

** Hot water coil, steam coil, electrical heater and humidifier upon request.

RPC 2 models physical data

Model	RPC21***15	RPC22**20	RPC22**25	RPC22**30	RPC22***40
INDOOR FAN (Evaporator)*					
Fan model	AT 15' x 15'	AT 12' x 12'	AT 15' x 15'	AT 15' x 15'	AT 15' x 15'
Number of fan	1	2	2	2	2
Nominal cfm	6000	2 x 4000	2 x 5000	2 x 6000	2 x 8000
Cfm range	4000-11000	5800-15000	7200-19000	7200-19000	7500-20000
Fan speed (rpm)	700	910	727	753	810
Motor power (Kw.)	3	2 x 2.2	2 x 3	2 x 3	2 x 4
INDOOR COIL (Evaporator)**					
No. of rows / Fin per meter	4 / 394	4 / 394	4 / 394	4 / 394	6 / 473
Total face area (m²)	1.3	1.81	2.2	2.24	2.24
REFRIGERANT CONNECTION					
System 1: Hot gas-Liquid	1 1/8"-7/8"	7/8"-5/8"	1 1/8"-5/8"	1 1/8"-7/8"	1 1/8"-7/8"
System 2: Hot gas-Liquid	—	7/8"-5/8"	7/8"-5/8"	1 1/8"-7/8"	1 1/8"-7/8"

* Motor driven fan could be mounted for this models upon request.

** Hot water coil, steam coil, electrical heater and humidifier upon request.

Cooling capacity

MODEL	COND TEMP	COOLING CAPACITY		IN.P (KW)	Compressor model
	KW(R22) R.T	(R22) (KJ/R407C)	R22 407C		
APC21SD4	40	17.38	4.94	3.69	3.53
	45	16.23	4.62	3.44	3.32
	50	16.10	4.29	3.13	3.01
	55	15.93	3.96	2.83	2.70
	60	12.82	3.65	2.53	2.40
APC21FD5	40	17.8	5.06	3.89	3.69
	45	16.9	4.81	3.58	3.34
	50	16	4.55	3.28	3.04
	55	14.9	4.24	2.97	2.73
	60	13.6	3.92	2.67	2.43
APC21HD5	40	16.4	4.7	3.5	3.3
	45	15.2	4.3	3.2	3.0
	50	14.1	4	2.9	2.7
	55	12.9	3.7	2.6	2.4
	60	11.9	3.4	2.3	2.1
APC21HM5	40	17.88	5.09	3.89	3.69
	45	16.88	4.74	3.59	3.39
	50	15.47	4.4	3.29	3.09
	55	14.29	4.06	2.99	2.79
	60	13.03	3.72	2.69	2.49
APC21SD6	40	24.4	6.94	5.33	5.09
	45	22.9	6.51	4.9	4.6
	50	21.3	6.06	4.5	4.2
	55	19.8	5.62	4.1	3.8
	60	18.2	5.18	3.6	3.3
APC21SD7	40	26.90	8.22	6.00	5.76
	45	27.90	7.94	5.68	5.44
	50	26.10	7.42	5.16	4.92
	55	24.20	6.90	4.64	4.42
	60	22.40	6.37	4.12	3.92
APC21FD6	40	25.80	7.33	5.49	5.25
	45	24.54	6.98	5.14	4.90
	50	23.28	6.62	4.79	4.55
	55	21.96	6.24	4.44	4.20
	60	20.64	5.87	4.09	3.85
APC21HD6	40	25.2	7.2	5.0	4.8
	45	23	6.9	4.7	4.5
	50	20.9	6.6	4.4	4.2
	55	19.6	6.3	4.1	3.9
	60	18.4	6.0	3.8	3.6
APC21HM6	40	26.94	7.58	5.51	5.27
	45	24.76	7.04	5.09	4.85
	50	22.87	6.5	4.67	4.43
	55	21.1	6	4.25	4.01
	60	19.23	5.5	3.83	3.59
APC21SD8	40	27.20	7.74	5.69	5.45
	45	25.47	7.24	5.20	4.96
	50	23.79	6.75	4.71	4.47
	55	22.02	6.26	4.22	3.98
	60	20.30	5.77	3.73	3.49

□ Copeland □ Carrier □ Bitzer □ Manescope

IN.P: Compressor input power

*Data for R134A is also available by request.

Cooling capacity

MODEL	COND TEMP	COOLING CAPACITY KWR(R22) H.T (R22) KVA(R407C)	IN.P (KW) R22 40°C	Compressor model
APC21FO10	40	30.7 8.73 29.7	3.60 8.78	ZR 12M3-TWD
	45	29.2 8.29 27.8	4.12 7.61	
	50	27.6 7.85 26.1	4.51 8.52	
	55	26.5 7.64 24.2	4.67 9.54	
	60	25.4 7.22 22.4	5.20 10.05	
APC21HO10	40	30.3 9.2 -	9.00 -	QR 12 M1-TFD
	45	29.5 8.4 -	9.50 -	
	50	28.6 7.9 -	9.80 -	
	55	23.8 6.8 -	10.20 -	
	60	20.8 5.9 -	10.60 -	
APC21HM10	40	34.57 9.83 34.2	8.62 8.32	MT Z 125 - 4 or MT 125 - 4
	45	32.23 9.17 31.55	9.26 8.77	
	50	29.68 8.5 28.9	9.89 9.33	
	55	27.48 7.81 26.15	10.45 9.89	
	60	25.07 7.13 23.39	11.03 10.44	
APC21SA10	40	30.30 10.33 -	9.50 -	06DA824
	45	33.75 9.60 -	7.15 -	
	50	31.20 8.87 -	7.80 -	
	55	28.75 8.17 -	8.40 -	
	60	26.30 7.48 -	9.00 -	
APC21SB10	40	37.30 10.81 36.10	6.94 6.70	4V-10.2
	45	35.30 10.04 33.80	7.88 7.53	
	50	33.20 9.44 31.40	8.83 8.44	
	55	31.20 8.87 29.10	9.14 9.42	
	60	29.10 8.26 26.90	10.02 10.49	
APC21SB12	40	45.00 12.80 40.00	8.33 8.20	4T-12.2
	45	42.80 12.12 40.80	9.56 9.22	
	50	40.10 11.41 38.00	10.17 10.30	
	55	37.60 10.89 35.20	11.89 11.44	
	60	35.20 10.01 32.30	12.81 12.94	
APC11BA15	40	58 16.60 -	11.00 -	06DA537
	45	54.4 15.47 -	12.40 -	
	50	50.8 14.45 -	13.80 -	
	55	47.3 13.45 -	14.80 -	
	60	43.8 12.45 -	15.90 -	
APC11SB15	40	52.5 14.93 50.7	10.47 10.31	4P-15.2
	45	48.7 14.34 47.9	11.94 11.87	
	50	48.9 13.34 44.3	13.19 12.82	
	55	44.1 12.54 41.0	14.36 14.08	
	60	41.2 11.72 37.7	15.35 15.37	
RPC22SA20	40	73.8 20.68 -	13.00 -	2 x 06DA824
	45	67.5 19.2 -	14.30 -	
	50	62.4 17.74 -	15.60 -	
	55	57.5 16.34 -	16.80 -	
	60	52.9 14.98 -	18.00 -	
*PC11SA20	40	77.45 22.01 -	14.80 -	06EA250
	45	72.30 20.58 -	16.20 -	
	50	67.20 19.11 -	17.60 -	
	55	62.10 17.68 -	18.95 -	
	60	57.00 16.21 -	20.30 -	

□ Copeland □ Carrier □ Bitzer □ Manesuper

IN.P: Compressor input power

*Data for R1034A is also available by request.

Cooling capacity

MODEL	COND TEMP	COOLING CAPACITY KWR(R22) H.T (R22) KVA(R407C)	IN.P (KW) R22 40°C	Compressor model
*PC11SB20	40	63.50 18.05 61.70	12.61 12.13	4N-20.2
	45	60.10 17.09 57.75	14.02 13.48	
	50	56.70 16.13 53.80	15.43 14.84	
	55	53.35 15.17 50.15	16.80 16.02	
	60	50.00 14.22 46.50	18.16 17.20	
*PC11BA25	40	123.50 26.44 -	19.80 -	06EA205
	45	96.35 27.40 -	21.75 -	
	50	86.20 25.37 -	23.70 -	
	55	82.35 23.42 -	25.35 -	
	60	76.50 21.47 -	27.00 -	
*PC11SB25	40	82.30 23.41 78.60	16.57 16.47	4H-25.2
	45	78.00 22.18 73.25	17.82 18.03	
	50	73.70 20.96 67.50	19.07 18.58	
	55	69.50 19.77 63.20	20.84 21.34	
	60	65.30 18.57 58.50	22.60 23.10	
*PC11SA25	40	94.50 26.68 -	17.50 -	06DA537 + 06DA824
	45	88.30 25.11 -	19.45 -	
	50	82.10 23.35 -	21.40 -	
	55	76.10 21.64 -	23.15 -	
	60	70.10 19.94 -	24.60 -	
*PC11BA30	40	109.8 31.2 -	22.40 -	06EA275
	45	103.3 29.4 -	24.50 -	
	50	96.8 27.5 -	26.60 -	
	55	90.2 25.7 -	28.40 -	
	60	83.6 23.8 -	30.20 -	
*PC11SB30	40	125.20 29.92 102.20	20.94 20.62	2 x 4P-15.2
	45	99.80 28.38 95.80	23.63 23.13	
	50	94.40 26.85 89.40	26.32 25.94	
	55	88.70 25.23 82.00	28.51 28.43	
	60	83.00 23.61 74.60	30.70 27.2	
*PC11SB30	40	94.40 26.85 90.00	19.44 19.47	4Q-30.2
	45	89.45 25.44 83.65	21.12 21.14	
	50	84.50 24.03 77.50	22.80 22.80	
	55	79.70 22.67 72.40	25.05 25.15	
	60	74.90 21.30 67.50	27.30 27.60	
*PC11SA30	40	116.4 33.1 -	22.00 -	2 x 06DA537
	45	109.1 31.02 -	24.60 -	
	50	101.8 28.96 -	27.20 -	
	55	94.7 26.94 -	29.50 -	
	60	87.5 24.92 -	31.60 -	
*PC11SA40	40	144.1 41.5 -	32.20 -	06EA299
	45	135.6 38.8 -	34.60 -	
	50	127.1 36.1 -	37.40 -	
	55	118.8 33.8 -	39.80 -	
	60	110.5 31.4 -	41.70 -	
*PC11SA40	40	154.8 44.02 -	29.60 -	2 x 06EA250
	45	144.6 41.12 -	32.40 -	
	50	134.4 38.22 -	35.20 -	
	55	124.2 35.32 -	37.90 -	
	60	114 32.42 -	40.60 -	

□ Copeland □ Carrier □ Bitzer □ Manesuper

IN.P: Compressor input power

*Data for R1034A is also available by request.

Cooling capacity

MODEL	COND TEMP	COOLING CAPACITY		IN.P (KW)		Compressor model	
	KW(R22)	RT (R22)	KW(R407C)	R22	40°C		
*PC15B4E	40	141.70	40.30	135.10	29.20	29.00	6G-40.2
	45	136.25	38.47	125.50	31.70	31.50	
	50	126.80	36.63	115.90	24.20	24.80	
	55	120.60	34.30	108.15	37.60	37.35	
	60	112.40	31.97	100.40	41.00	40.70	
*PC25B4E	40	127.00	38.12	123.40	25.22	24.20	2 x 4N-20
	45	120.20	34.19	115.50	28.04	26.80	
	50	113.40	32.23	107.60	30.86	29.60	
	55	106.70	30.35	100.30	33.59	32.00	
	60	100.00	28.44	93.00	36.32	34.40	
*PC25A5E	40	207	56.88	-	43.5	-	2 x 06EA26E
	45	192.7	54.8	-	47.4	-	
	50	179.4	50.74	-	50.7	-	
	55	164.7	46.84	-	54	-	
	60	151	42.94	-	57	-	
*PC15B5E	40	187.20	47.95	190.50	36.80	35.20	6F-50.2
	45	158.80	45.19	150.15	39.45	38.35	
	50	150.40	42.78	139.80	42.10	41.50	
	55	141.75	40.32	128.95	45.20	42.15	
	60	135.10	37.89	118.10	48.30	42.80	
*PC25B5E	40	164.00	46.81	157.20	33.14	32.84	2 x 4H-25
	45	156.00	44.37	149.50	35.84	36.05	
	50	147.40	41.92	135.80	38.14	39.16	
	55	139.00	39.53	126.40	41.67	42.98	
	60	130.60	37.14	117.00	45.20	46.20	
*PC1EB5E	40	152.80	43.48	149.60	33.30	32.00	CSH6551-50
	45	143.40	40.78	139.15	36.30	35.10	
	50	134.00	38.11	128.70	39.30	38.20	
	55	122.70	35.19	116.85	43.00	42.25	
	60	113.40	32.25	105.50	46.70	46.30	
*PC25A6E	40	219.6	62.5	-	44.8	-	2 x 06EA27E
	45	206.6	58.6	-	49.0	-	
	50	193.8	55.1	-	53.2	-	
	55	180.4	51.3	-	56.8	-	
	60	167.2	47.6	-	60.4	-	
*PC25B6E	40	188.80	53.70	189.00	38.83	38.94	2 x 4G-30.2
	45	178.90	50.89	187.30	42.24	42.27	
	50	169.00	48.07	184.60	45.60	45.60	
	55	159.40	45.34	144.80	50.10	50.30	
	60	149.80	42.61	135.00	54.00	55.00	
*PC15B6E	40	205.70	56.50	207.80	42.80	42.80	8GC - 60.2
	45	194.25	55.25	198.30	45.85	46.75	
	50	182.80	51.99	174.80	50.90	50.70	
	55	171.15	48.68	163.55	55.55	55.25	
	60	159.50	45.36	152.30	60.20	59.80	
*PC1EB6E	40	190.00	54.04	184.50	39.90	39.30	CSH6561-60
	45	179.35	51.01	171.90	43.90	43.15	
	50	168.70	47.98	159.30	47.90	47.00	
	55	156.95	44.63	145.70	52.95	52.50	
	60	144.40	41.97	132.10	58.00	58.00	

□ Copeland □ Carrier □ Btzer □ Maneurop

I.N.P. Compressor input power

*Data for R1034A is also available by request.

Cooling capacity

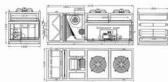
MODEL	COND TEMP	COOLING CAPACITY		IN.P (KW)	R22 (KW)	Compressor model
	°C	kW(R22)	RT (R22)			
*PC25A7E	40	263.9	72.2	-	54.6	-
	45	236.9	67.9	-	58.3	-
	50	223.9	63.7	-	64.0	-
	55	209.0	59.4	-	69.5	-
	60	194.1	55.2	-	71.9	-
*PC25B7E	40	236.10	67.15	225.15	48.64	48.47
	45	224.70	63.91	209.15	52.82	53.64
	50	213.30	60.67	193.25	57.00	56.80
	55	200.30	56.97	180.55	62.05	62.50
	60	187.30	53.27	167.95	68.30	68.20
*PC15B7E	40	238.40	67.80	238.80	53.50	52.20
	45	224.65	63.98	222.30	58.45	57.00
	50	211.50	60.15	206.80	63.40	61.80
	55	197.45	56.16	190.65	68.30	66.95
	60	183.40	52.16	174.50	73.20	72.10
*PC1EB7E	40	227.00	64.56	224.00	46.70	45.90
	45	211.80	60.24	208.70	50.85	49.35
	50	199.60	56.92	193.40	55.00	53.40
	55	179.65	51.09	175.50	60.30	59.25
	60	162.70	46.27	157.60	65.60	65.10
*PC25A8E	40	289.2	82.8	-	64.4	-
	45	271.2	77.1	-	69.6	-
	50	254.2	72.3	-	74.8	-
	55	237.6	67.6	-	79.1	-
	60	221.0	62.8	-	83.4	-
*PC25B8E	40	283.40	80.60	270.25	58.40	58.00
	45	270.50	76.93	251.00	63.40	63.00
	50	257.60	73.27	231.80	68.40	68.00
	55	241.20	68.60	216.30	73.20	72.70
	60	224.80	63.94	200.80	82.00	81.40
*PC1EB8E	40	259.00	73.66	254.00	55.20	53.00
	45	243.00	69.11	236.00	60.15	58.10
	50	227.00	64.56	218.00	65.10	63.20
	55	209.65	59.68	198.25	71.25	69.85
	60	192.70	54.81	178.50	77.40	75.70
*PC25B9E	40	334.40	95.11	321.00	73.60	72.40
	45	317.60	90.33	300.30	78.90	76.70
	50	300.80	85.55	279.60	84.30	83.00
	55	283.50	80.63	257.90	90.40	84.30
	60	266.20	75.71	236.20	96.60	85.60
*PC2EB9E	40	305.60	86.92	299.20	66.60	64.00
	45	286.80	81.57	278.30	72.60	73.20
	50	268.00	76.22	257.40	78.60	75.40
	55	247.40	70.36	233.70	86.00	84.50
	60	228.80	64.91	210.00	93.40	92.80

□ Copeland □ Carrier □ Btzer □ Maneurop

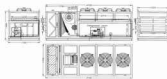
I.N.P. Compressor input power

*Data for R1034A is also available by request.

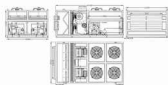
- APC1 Models Dimension:



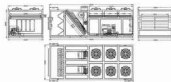
- APC1**20



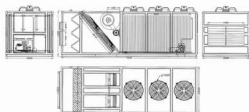
- APC1***25
- APC1***30



- APC1***40

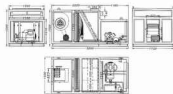


- APC1***50, - APC1***70
- APC1***60

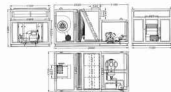


- APC1***80, - APC1***100

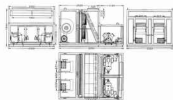
- RPC1 Models Dimension:



- RPC1**20



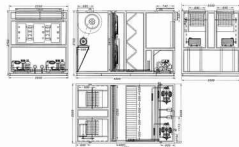
- RPC1***25
- RPC1***30



- RPC1***40

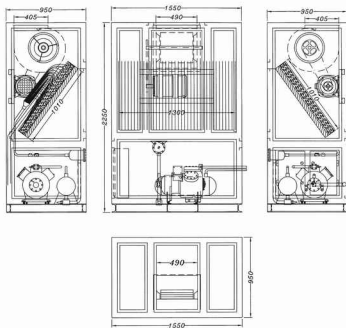


- RPC1***50, - RPC1***70
- RPC1***60

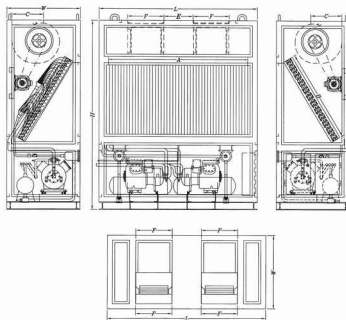


- RPC1***80, - RPC1***100

RPC21S*15 Model Dimension:



RPC22**20, RPC22**25, RPC22**30, RPC22**40 Models Dimension:



MODEL	L	W	H	A	B	C	E	F
RPC22**20	2030	950	2100	1780	1010	341	340	395
RPC22**25	2060	950	2450	1810	1210	405	360	490
RPC22**30	2100	950	2450	1800	1210	405	400	490
RPC22**40	2250	1000	2500	1850	1210	405	400	490

APC2 models dimension:



APC21SB4 - APC21H*5 - APC21SB7 - APC21**8
APC21**10 - APC21SB12 - APC21S*15
APC21S*20

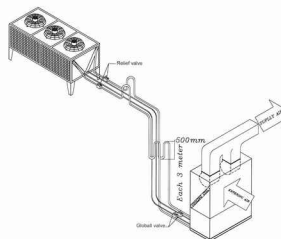


APC21SB6 - APC21SB12 - PCA21S*15
APC21S*20



MODEL	L	W	H	C	E	F
APC21SB5	1640	750	750	289	210	331
APC21**5	1640	940	750	289	305	331
APC21SB6	1940	940	1000	341	305	395
APC21SB7	1940	940	1000	341	272	395
APC21**8	1940	940	1000	404	235	471
APC21**10	1940	940	1000	404	235	471
APC21SB12	2480	1240	1000	404	385	471
APC21S*15	2940	1240	1100	404	385	471
APC21S*20	2940	1240	1250	404	385	471

AIR COOLED PACKEG INSTALLATION



The above piping method is only a general suggestion. For a specific application please contact our design Dep.

