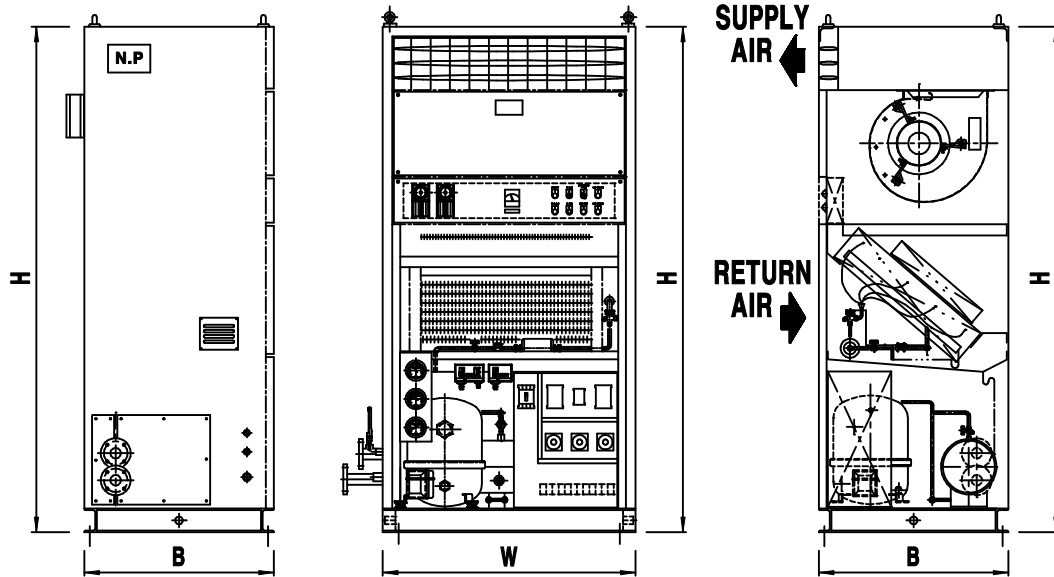


MARINE TYPE PACKAGED AIR CONDITIONER

CHAMBER TYPE



SPECIFICATION & DIMENSION

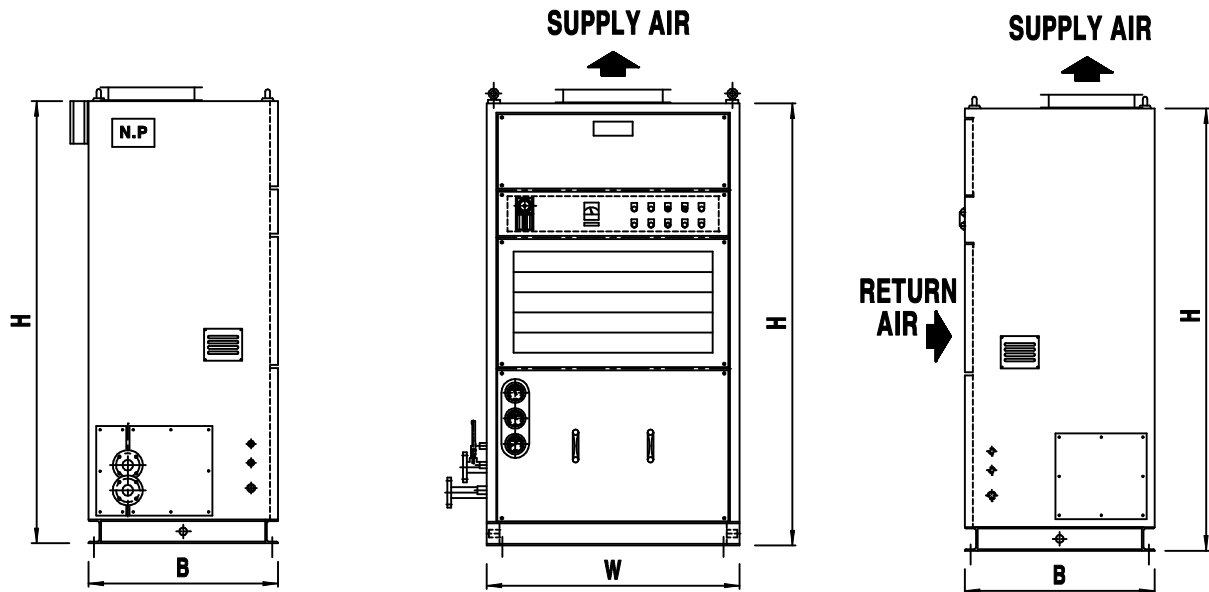
ITEM / MODEL		KIC-PAC22(D)		KIC-PAC37(D)		KIC-PAC55(D)		
Power Source	Main	AC440V, 3Ph, 60Hz						
	Control	AC220V, 1Ph, 60Hz						
Refrigerant	Type	R.22	R.404a	R.22	R.404a	R.22	R.404a	
	Charge(Kg)	3.5	4.0	6.0	6.5	8.0	8.5	
Cooling Capacity	Kcal/h	9,000		15,000		22,500		
Heating Capacity	Kcal/h(Kw)	6,880	8.0Kw	8,600	10.0Kw	15,480	18.0Kw	
Out Casing		Synthetic resin painting backed on steel sheet						
COMPRESSOR	Type	Hermetic Reciprocating Compressor						
	Motor Input	Kw	4.04	4.04	6.75	6.05	8.3	8.52
	Oil Heater	Watts	27		27		40	
	Refrigerant Oil		Mineral	Ester	Mineral	Ester	Mineral	Ester
	Oil Charge	Lit	0.95	0.95	1.8	1.8	1.8	1.8
FAN	Type	Double Suction Multi - Blade Centrifugal type						
	Motor Output	Kw	CHAMBER	DUCT	CHAMBER	DUCT	CHAMBER	DUCT
	Ext. Static Pressure	mmAq	0.4(6P)	0.4(6P)	0.55(6P)	0.55(6P)	0.75(4P)	1.5(4P)
	Air Volume	CMM	30	30	45	45	60	60
	Driving Method		Direct-Type		Direct-Type		Direct or V-Belt	
CONDENSER	Type	Horizonl Shell & Tube Type						
	Model	KIC-CD15		KIC-CD15		KIC-CD20		
	Cooling water Specification	Sea \ Fresh		Sea \ Fresh		Sea \ Fresh		
Water flow rate	L/min	abt. 60		abt. 85		abt. 120		
Evaporator		Cross-finned coil type						
Refrigerant control		Thermal expansion valve						
Capacity control		0 ~ 100%						
Air filter		Polyvinyl chloride fibre (Washable eith clean water)						
Protective Devices	Elec. Wining	Over Current Relay Reverse Phase protector		Over Current Relay Reverse Phase protector		Over Current Relay Reverse Phase protector		
	Refrigeration Circuit	High Pressure switch Fusible Plug		High Pressure switch Fusible Plug		High Pressure switch Fusible Plug		
Condenser cooling IN/OUT Size		KS 5K-25A		KS 5K-32A		KS 5K-40A		
Condenser Safety valve		3060/34		3060/34		3060/34		
Water Drain		3/4"		3/4"		3/4"		
OUTSIDE DIMENSIONS	WxBxH(mm)	800x600x1600	800x600x1400	1000x600x1700	1000x600x1500	1100x700x1800	1100x700x1600	
Weight	abt. Kg	185		240		345		

-NOTE-

1. Normnal capacity is based on standard working condition shown as below.
2. Entering air temperature to evaporator : 27°C (80°F) DB, 19.5°C (67°F) WD.
3. Entering cooling Sea water & Fresh water temperature to condenser : 32°C (90°F), 36°C (97°F)

MARINE TYPE PACKAGED AIR CONDITIONER

DUCT TYPE



SPECIFICATION & DIMENSION

ITEM / MODEL		KIC-PAC75(D)		KIC-PAC95(D)		KIC-PAC110(D)		
Power Source	Main	AC440V, 3Ph, 60Hz						
	Control	AC220V, 1Ph, 60Hz						
Refrigerant	Type	R.22	R.404a	R.22	R.404a	R.22	R.404a	
	Charge(Kg)	12.0	12.6	14.2	14.8	16.0	16.5	
Cooling Capacity	Kcal/h	30,000		40,000		45,000		
Heating Capacity	Kcal/h(Kw)	20,640	24.0Kw	22,360	26.0Kw	Option		
Out Casing		Synthetic resin painting backed on steel sheet						
COMPRESSOR	Type	Hermetic Reciprocating Compressor						
	Motor Input	Kw	12.8	9.58	16.0	12.8	15.0	15.75
	Oil Heater	Watts	40		70		70	
	Refrigerant Oil		Mineral	Ester	Mineral	Ester	Mineral	Ester
	Oil Charge	Lit	1.8	1.8	2.5	2.5	3.9	3.9
FAN	Type	Double Suction Multi - Blade Centrifugal type						
	Motor Output	Kw	CHAMBER	DUCT	CHAMBER	DUCT	CHAMBER	DUCT
			0.75(4P)	1.5(4P)	1.5(4P)	2.2(4P)	2.2(4P)	3.7(4P)
	Ext. Static Pressure	mmAq	0	15	0	15	0	15
	Air Volume	CMM	75	75	96	96	120	120
Driving Method		Direct or V-Belt		Direct or V-Belt		Direct or V-Belt		
CONDENSER	Type	Horizonl Shell & Tube Type						
	Model	KIC-CD25		KIC-CD25		KIC-CD25		
	Cooling water Specification	Sea \ Fresh		Sea \ Fresh		Sea \ Fresh		
Water flow rate	L/min	abt. 170		abt. 215		abt. 248		
Evaporator		Cross-finned coil type						
Refrigerant control		Thermal expansion valve						
Capacity control		0 ~ 100%						
Air filter		Polyvinyl chloride fibre (Washable eith clean water)						
Protective Devices	Elec. Wining	Over Current Relay Reverse Phase protector		Over Current Relay Reverse Phase protector		Over Current Relay Reverse Phase protector		
	Refrigeration Circuit	High Pressure switch Fusible Plug		High Pressure switch Fusible Plug		High Pressure switch Fusible Plug		
Condenser cooling IN/OUT Size		KS 5K-50A		KS 5K-50A		KS 5K-65A		
Condenser Safety valve		3060/34		3060/45		3060/45		
Water Drain		3/4"		3/4"		3/4"		
OUTSIDE DIMENSIONS	WxBxH(mm)	1200x800x1950	1200x800x1700	1300x900x1950	1300x900x1700	1500x1000x2200	1500x1000x2000	
Weight	abt. Kg	560		620		965		

-NOTE-

1. 상기 제품의 사이즈는 Maker Standard 사양입니다.
2. 설치 공간에 따라 디자인 설계후 사이즈는 변경 될수 있습니다.
3. APPLICATION REFRGERANT : R.22, R.404A, R.134a, R.407c 요구시 제작 가능합니다.
4. 필요 용량및 덕트의 거리에 따라 일부 변경 될수도 있습니다.
5. 기타 질의 할 사항이 있으시면 K.I.C로 연락 부탁드립니다.