

BUS AIR CONDITION SYSTEM

2007 NEW DESIGN



SYTSTEM TYPE	APPLICATION	COOLING CAPACITY
PAC12AH	6-6.5m BUS	12000-14000Kcal/h
PAC14DH	6-6.5m BUS	14000-16000Kcal/h
PAC16AH	7-7.6m BUS	14000-16000Kcal/h
PAC16DH-2	6.5-7.5m BUS	15000-16000Kcal/h
PAC18B1	7.9-8.3m BUS	16000-18000Kcal/h
PAC22B1	10-11m BUS	21000-22000Kcal/h
PAC28B1	10-11m BUS	26000-28000Kcal/h
PAC32B1	11-12m BUS	28000-32000Kcal/h

OEM SUPPLIER

Bus Air-Condition System PAC12AH:



NO.	TERM	TECHNICAL SPECIFICATIONS	NOTES	
1	System Type	PAC12AH		
2	Model	Built-in		
3	Cooling Capacity	12000~14000Kcal/h		
4	Applications	6~6.5m Bus		
5	Cooling Ability	Outside temperature is 35°C ,27°C CDB / 19.5°C CWB inside		
6	Compressors	Model	PLM-32 24V-12V	PAERMA Compressor
		Type	Swash Plate	
		Displacement	313.4cc/rev	
		Power Consumption	7.5KW	
		Lubricant	ZXL 100PG 600ml	
	Weight	14.5KG (With Clutch)		
7	Condenser Unit	Radiator	Fin and tube coil (Inside screw pipe ordinary aluminum foil)	SUNJET Brand
		Air Flow	3400m3/h	
		Number of Fans		2 Made in China / Made in Japan
		Filter Drier	3A Grade	Made in China
		High Pressure Switch	HP:32kgf/cm2 , LP:2kgf/ cm2	Made in China
		Weight	26KG	
	Size (mm)	960 X 430 X 348		
8	Evaporator Unit	Radiator	Fin and tube coil (Inside screw pipe Water-loving aluminum foil)	SUNJET Brand
		Air Flow	2550 m3/h	
		Number of Blowers	3	
		Expansion Valve	3.0RT	Japan Denso
		Weight	20KG	
		Size (mm)	1320 X 500 X 170	
9	Electrical Control	Current Consumption	35A/24VDC or 70A/12VDC	
		Thermo Start	Mainly Parts Import	Made in China
		Relay	Mainly Parts Import	Made in China
		Safety Switch	Mainly Parts Import	Made in China
		Electrical Wire	Mainly Parts Import	Made in China
10	Pipeline System	Air-Condition Pipe Line	Goodyear	
11	Accessories	Waterspout	Waterspout of A/C System	Made in China
		Pulley		Made in Koera
		Regulator		Made in China
12	Refrigeration	R134a	Consumer Provide	

Bus Air-Condition System PAC14DH:



NO.	TERM	TECHNICAL SPECIFICATIONS	NOTES		
1	System Type	PAC14DH			
2	Model	Condenser Unit is Roof Mounting			
3	Cooling Capacity	14000~16000Kcal/h			
4	Applications	6~6.5m Bus			
5	Cooling Ability	Outside temperature is 35°C ,27°C CDB / 19.5°C CWB inside			
6	Compressors	Model	PLM-32 24V-12V	PAERMA Compressor	
		Type	Swash Plate		
		Displacement	313.4cc/rev		
		Power Consumption	7.5KW		
		Lubricant	ZXL 100PG 600ml		
	Weight	14.5KG (With Clutch)			
7	Condenser Unit	Radiator	Fin and tube coil (Inside screw pipe ordinary aluminum foil)	SUNJET Brand	
		Air Flow	5400m3/h		
		Number of Fans		3	Made in China / Made in Japan
		Filter Drier	3A Grade		Made in China
		High Pressure Switch	HP:32kgf/cm2 , LP:2kgf/ cm2		Made in China
		Weight	33KG		
	Size (mm)	1755 X 1450 X 180			
8	Evaporator Unit	Radiator	Fin and tube coil (Inside screw pipe Water-loving aluminum foil)	SUNJET Brand	
		Air Flow	3200 m3/h		
		Number of Blowers		3	
		Expansion Valve	3.0RT		Japan Denso
		Weight	36KG		
	Size (mm)	1320 X 500 X 170			
9	Electrical Control	Current Consumption	35A/24VDC or 70A/12VDC		
		Thermo Start	Mainly Parts Import	Made in China	
		Relay	Mainly Parts Import	Made in China	
		Safety Switch	Mainly Parts Import	Made in China	
	Electrical Wire	Mainly Parts Import	Made in China		
10	Pipeline System	Air-Condition Pipe Line		Goodyear	
11	Accessories	Waterspout	Waterspout of A/C System	Made in China	
		Pulley		Made in Koera	
		Regulator		Made in China	
12	Refrigeration	R134a		Consumer Provide	

Bus Air-Condition System PAC16AH:



NO.	TERM	TECHNICAL SPECIFICATIONS	NOTES	
1	System Type	PAC16AH		
2	Model	Built-in		
3	Cooling Capacity	14000~16000Kcal/h		
4	Applications	7~7.6m Bus		
5	Cooling Ability	Outside temperature is 35°C ,27°C CDB / 19.5°C CWB inside		
6	Compressors	Model	PLM-32 24V-12V	PAERMA Compressor
		Type	Swash Plate	
		Displacement	313.4cc/rev	
		Power Consumption	7.5KW	
		Lubricant	ZXL 100PG 600ml	
	Weight	14.5KG (With Clutch)		
7	Condenser Unit	Radiator	Fin and tube coil (Inside screw pipe ordinary aluminum foil)	SUNJET Brand
		Air Flow	5100m3/h	
		Number of Fans		3 Made in China / Made in Japan
		Filter Drier	3A Grade	Made in China
		High Pressure Switch	HP:32kgf/cm2 , LP:2kgf/ cm2	Made in China
		Weight	33KG	
	Size (mm)	1090 X 410 X 360		
8	Evaporator Unit	Radiator	Fin and tube coil (Inside screw pipe Water-loving aluminum foil)	SUNJET Brand
		Air Flow	4200 m3/h	
		Number of Blowers		4
		Expansion Valve	3.0RT	Japan Denso
		Weight	36KG	
	Size (mm)	1700 X 500 X 140		
9	Electrical Control	Current Consumption	35A/24VDC or 70A/12VDC	
		Thermo Start	Mainly Parts Import	Made in China
		Relay	Mainly Parts Import	Made in China
		Safety Switch	Mainly Parts Import	Made in China
	Electrical Wire	Mainly Parts Import	Made in China	
10	Pipeline System	Air-Condition Pipe Line	Goodyear	
11	Accessories	Waterspout	Waterspout of A/C System	Made in China
		Pulley		Made in Koera
		Regulator		Made in China
12	Refrigeration	R134a	Consumer Provide	

Bus Air-Condition System PAC16DH-2



NO.	TERM	TECHNICAL SPECIFICATIONS	NOTES	
1	System Type	PAC16DH-2		
2	Model	Condenser Unit is Roof Mounting		
3	Cooling Capacity	15000~16000Kcal/h		
4	Applications	6.5~7.5m Bus		
5	Cooling Ability	Outside temperature is 35°C ,27°C CDB / 19.5°C CWB inside		
6	Compressors	Model	PLM-32 24V-12V	PAERMA Compressor
		Type	Swash Plate	
		Displacement	313.4cc/rev	
		Power Consumption	7.5KW	
		Weight	14.5KG (With Clutch)	
7	Condenser Unit	Radiator	Fin and tube coil (Inside screw pipe ordinary aluminum foil)	SUNJET Brand
		Air Flow	6400m3/h	
		Number of Fans		4 Made in China / Made in Japan
		Filter Drier	3A Grade	Made in China
		High Pressure Switch	HP:32kgf/cm2 , LP:2kgf/ cm2	Made in China
		Weight	33KG	
8	Evaporator Unit	Radiator	Fin and tube coil (Inside screw pipe Water-loving aluminum foil)	SUNJET Brand
		Air Flow	5250 m3/h	
		Number of Blowers		4
		Expansion Valve	3.0RT	Japan Denso
		Weight	36KG	
		Size (mm)	1700 X 500 X 170	
9	Electrical Control	Current Consumption	35A/24VDC or 70A/12VDC	
		Thermo Start	Mainly Parts Import	Made in China
		Relay	Mainly Parts Import	Made in China
		Safety Switch	Mainly Parts Import	Made in China
10	Pipeline System	Electrical Wire	Mainly Parts Import	Made in China
11	Accessories	Waterspout	Waterspout of A/C System	Made in China
		Pulley		Made in Koera
		Regulator		Made in China
12	Refrigeration	R134a		Consumer Provide

Bus Air-Condition System PAC18B1



NO.	TERM	TECHNICAL SPECIFICATIONS	NOTES		
1	System Type	PAC18B 1			
2	Model	Roof Mounting			
3	Cooling Capacity	16000~18000Kcal/h			
4	Applications	7.9~8.3m Bus			
5	Cooling Ability	Outside temperature is 35°C ,27°C CDB / 19.5°C CWB inside			
6	Compressors	Model	PLM-32 24V-12V	PAERMA Compressor	
		Type	Swash Plate		
		Displacement	313.4cc/rev		
		Power Consumption	7.5KW		
		Lubricant	ZXL 100PG 600ml		
7	Condenser Unit	Radiator	Fin and tube coil (Inside screw pipe ordinary aluminum foil)	SUNJET Brand	
		Air Flow	5550m3/h		
		Number of Fans		3 Made in China / Made in Japan	
		Filter Drier	3A Grade X 2	Made in China	
		High Pressure Switch	OFF: 24.5kgf/cm ² , ON:17kgf/ cm ²	Made in China	
		Low Pressure Switch	OFF: 0.8kgf/cm ² , ON:2.2kgf/ cm ²		
8	Evaporator Unit	Radiator	Fin and tube coil (Inside screw pipe Water-loving aluminum foil)	SUNJET Brand	
		Air Flow	4200 m3/h		
		Number of Blowers		4	
		Expansion Valve	6.0RT	Japan Denso	
		Weight			
9	Electrical Control	Current Consumption	64A/24VDC or 128A/12VDC		
		Thermo Start	Mainly Parts Import	Made in China	
		Relay	Mainly Parts Import	Made in China	
		Safety Switch	Mainly Parts Import	Made in China	
10	Pipeline System	Electrical Wire	Mainly Parts Import	Made in China	
		Air-Condition Pipe Line		Goodyear	
		Waterspout		Waterspout of A/C System	Made in China
		Pulley			Made in Koera
		Regulator			Made in China
11	Accessories	Glue water	3 Units	Made in Japan	
		Absorber	8 Units	Made in China	
		Refrigeration		R134a	Consumer Provide
12	Weight of the Roof Mounting Units	220KG			

Bus Air-Condition System PAC22B1



NO.	TERM	TECHNICAL SPECIFICATIONS	NOTES	
1	System Type	PAC22B 1		
2	Model	Roof Mounting / Used 2 Compressors		
3	Cooling Capacity	21000~22000Kcal/h		
4	Applications	10~11m Bus		
5	Cooling Ability	Outside temperature is 35°C ,27°C CDB / 19.5°C CWB inside		
6	Compressors	Model	PLM-22 24V X 2	PAERMA Compressor
		Type	Swash Plate	
		Displacement	214cc/rev X 2	
		Power Consumption	5KW X 2	
		Lubricant	ZXL 100PG 180ml X 2	
	Weight	9.5KG X 2 (With Clutch)		
7	Condenser Unit	Radiator	Fin and tube coil (Inside screw pipe ordinary aluminum foil)	SUNJET Brand
		Air Flow	6500m3/h	
		Number of Fans		3 Made in China / Made in Japan
		Filter Drier	3A Grade X 2	Made in China
		High Pressure Switch	OFF: 24.5kgf/cm2 , ON:17kgf/ cm2	Made in China
		Low Pressure Switch	OFF: 0.8kgf/cm2 , ON:2.2kgf/ cm2	
	Size (mm)			
8	Evaporator Unit	Radiator	Fin and tube coil (Inside screw pipe Water-loving aluminum foil)	SUNJET Brand
		Air Flow	4800 m3/h	
		Number of Blowers		6
		Expansion Valve	3.0RT X 2	Japan Denso
		Weight		
	Size (mm)			
9	Electrical Control	Current Consumption	76A/24VDC	
		Thermo Start	Mainly Parts Import	Made in China
		Relay	Mainly Parts Import	Made in China
		Safety Switch	Mainly Parts Import	Made in China
	Electrical Wire	Mainly Parts Import	Made in China	
10	Pipeline System	Air-Condition Pipe Line	Goodyear	
11	Accessories	Waterspout	Waterspout of A/C System	Made in China
		Pulley		Made in Koera
		Regulator		Made in China
		Glue water	4 Units	Made in Japan
		Absorber	12 Units	Made in China
12	Refrigeration	R134a	Consumer Provide	
13	Weight of the Roof Mounting Units	240KG		

Bus Air-Condition System PAC28B1



NO.	TERM	TECHNICAL SPECIFICATIONS	NOTES	
1	System Type	PAC28B 1		
2	Model	Roof Mounting / Used 2 Compressors		
3	Cooling Capacity	26000~28000Kcal/h		
4	Applications	10~11m Bus		
5	Cooling Ability	Outside temperature is 35°C ,27°C CDB / 19.5°C CWB inside		
6	Compressors	Model	PLM-32 24V X 2	PAERMA Compressor
		Type	Swash Plate	
		Displacement	313.4cc/rev X 2	
		Power Consumption	7.5KW X 2	
		Lubricant	ZXL 100PG 600ml X 2	
	Weight	14.5KG X 2 (With Clutch)		
7	Condenser Unit	Radiator	Fin and tube coil (Inside screw pipe ordinary aluminum foil)	SUNJET Brand
		Air Flow	7400m3/h	
		Number of Fans		4 Made in China / Made in Japan
		Filter Drier	3A Grade X 2	Made in China
		High Pressure Switch	OFF: 24.5kgf/cm2 , ON:17kgf/ cm2	Made in China
		Low Pressure Switch	OFF: 0.8kgf/cm2 , ON:2.2kgf/ cm2	
8	Evaporator Unit	Radiator	Fin and tube coil (Inside screw pipe Water-loving aluminum foil)	SUNJET Brand
		Air Flow	6300 m3/h	
		Number of Blowers		6
		Expansion Valve	4.6RT X 2	Japan Denso
		Weight		
		Size (mm)		
9	Electrical Control	Current Consumption	115A/24VDC	
		Thermo Start	Mainly Parts Import	Made in China
		Relay	Mainly Parts Import	Made in China
		Safety Switch	Mainly Parts Import	Made in China
	Electrical Wire	Mainly Parts Import	Made in China	
10	Pipeline System	Air-Condition Pipe Line	Goodyear	
11	Accessories	Waterspout	Waterspout of A/C System	Made in China
		Pulley		Made in Koera
		Regulator		Made in China
		Glue water	4 Units	Made in Japan
		Absorber	12 Units	Made in China
12	Refrigeration	R134a	Consumer Provide	
13	Weight of the Roof Mounting Units	310KG		

Bus Air-Condition System PAC32B1



NO.	TERM	TECHNICAL SPECIFICATIONS	NOTES	
1	System Type	PAC32B1		
2	Model	Roof Mounting / Used 2 Compressors		
3	Cooling Capacity	28000~32000Kcal/h		
4	Applications	11~12m Bus		
5	Cooling Ability	Outside temperature is 35°C ,27°C CDB / 19.5°C CWB inside		
6	Compressors	Model	PLM-32 24V X 2	PAERMA Compressor
		Type	Swash Plate	
		Displacement	313.4cc/rev X 2	
		Power Consumption	7.5KW X 2	
		Lubricant	ZXL 100PG 600ml X 2	
7	Condenser Unit	Weight	14.5KG X 2 (With Clutch)	
		Radiator	Fin and tube coil (Inside screw pipe ordinary aluminum foil)	SUNJET Brand
		Air Flow	11100m3/h	
		Number of Fans		6 Made in China / Made in Japan
		Filter Drier	3A Grade X 2	Made in China
		High Pressure Switch	OFF: 24.5kgf/cm2 , ON:17kgf/ cm2	Made in China
8	Evaporator Unit	Low Pressure Switch	OFF: 0.8kgf/cm2 , ON:2.2kgf/ cm2	
		Size (mm)		
		Radiator	Fin and tube coil (Inside screw pipe Water-loving aluminum foil)	SUNJET Brand
		Air Flow	6300 m3/h	
		Number of Blowers		6
		Expansion Valve	4.6RT X 2	Japan Denso
9	Electrical Control	Weight		
		Size (mm)		
		Current Consumption	115A/24VDC	
		Thermo Start	Mainly Parts Import	Made in China
		Relay	Mainly Parts Import	Made in China
10	Pipeline System	Safety Switch	Mainly Parts Import	Made in China
		Electrical Wire	Mainly Parts Import	Made in China
		Air-Condition Pipe Line		Goodyear
		Waterspout	Waterspout of A/C System	Made in China
		Pulley		Made in Koera
11	Accessories	Regulator		Made in China
		Glue water	4 Units	Made in Japan
		Absorber	12 Units	Made in China
		Refrigeration	R134a	Consumer Provide
		Weight of the Roof Mounting Units	310KG	