



Specifications

T1 Condition-R22

Nominal ton	(Ton)	3	3	3	4	5	5
Model		APRE-24CD	APRE-36CD	APRE-36CD	APRE-48CD	APRE-60CD	APRE-60CD-P5
Power Supply	V,Ph,Hz	208~230V,1Ph,60Hz	208~230V,1Ph,60Hz	208~230V,1Ph,60Hz	208~230V,1Ph,60Hz	208~230V,1Ph,60Hz	208~230V,3Ph,60Hz
Cooling	Cooling capacity	Btu/h	24000	36000	36000	48000	60000
		kW	7	10.5	10.5	14	17.6
	Power Input	kW	3.1	4.2	4.6	5.6	6.1
Heating	Heating Capacity	Btu/h	-	-	-	-	-
		kW	-	-	-	-	-
	Power Input	kW	-	-	-	-	-
Max. input consumption	W	3.7	4.9	5.6	6.7	7.9	7.5
Max. current	A	18	21	29.2	33	39	23.6
Performance	Indoor fan air flow	CFM	1000	1000	1000	1700	1700
	ESP	Pa	40	40	40	50	50
Indoor Coil	Number of rows		2	3	3	3	3
	Fin spacing	mm	1.7	1.7	1.7	1.7	1.7
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53	9.53	9.53
inch		3/8"	3/8"	3/8"	3/8"	3/8"	
Indoor Fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	Quantity		1	1	1	1	1
	Drive type		Direct	Direct	Direct	Direct	Direct
	Motor quantity		1	1	1	1	1
Compressor	Type		Rotary	Rotary	Scroll	Scroll	Scroll
	Quantity		1	1	1	1	1
	Brand		GMCC	Hitachi	Sanyo	Sanyo	Hitachi
	Capacity	Btu/hr	25658	31732	41285	49474	57322
	Refrigerant oil	ml	850	875	1700	1700	1400
Outdoor Coil	Number of rows		1	1	1	1	1
	Fin spacing	mm	1.7	1.7	1.7	1.7	1.7
		inch	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53	9.53	9.53
inch		3/8"	3/8"	3/8"	3/8"	3/8"	
Outdoor Fan	Type		Axile	Axile	Axile	Axile	Axile
	Quantity		1	1	1	1	1
	Drive type		Direct	Direct	Direct	Direct	Direct
	Motor quantity		1	1	1	1	1
Refrigerant	Type		R22	R22	R22	R22	R22
	Refrigerant volume	Kg	1.6	1.8	1.8	2.9	3.7
	Refrigerant control		Capillary	Capillary	Capillary	Capillary	Capillary
Filter	Quantity		1	1	1	1	1
	Size(WXHxD)	mm	527.5x491x12.5	527.5x491x12.5	527.5x491x12.5	527.5x491x12.5	527.5x491x12.5
Shipping	Qty/Per 20'/40'/40'HQ		24/51/72	24/51/72	24/51/72	16/34/54	16/34/54

Notes:

The data is based on the following conditions:

Cooling :Indoor temperature: 26.7°C(80°F) DB, 19.4°C(66.9°F) WB; Outdoor temperature: 35°C(95°F).

Heating :Indoor temperature: 20°C(68°F) DB, 15°C(59°F) WB; Outdoor temperature: 7°C(44.6°F) DB, 6°C(42.8°F) WB.



T1 Condition-R22

Nominal ton		(Ton)	5	5	3	4	5	5
Model			APRE-60CD-P5	APRE-60HD-P3	APRE-36CD-P3	APRE-48CD-P3	APRE-60CD-P3	APRE-60HD-P3
Power supply		V,Ph,Hz	208~230V,3Ph,60Hz	208~230V,1Ph,60Hz	208~230V,1Ph,60Hz	208~230V,1Ph,60Hz	208~230V,1Ph,60Hz	208~230V,1Ph,60Hz
Cooling	Cooling capacity	Btu/h	60000	60000	36000	48000	60000	60000
		kW	17.6	17.6	10.5	14	17.6	17.6
	Power Input	kW	6	6.2	3.9	5.3	6.1	6.3
Heating	Heating capacity	Btu/h	-	66000	-	-	-	66000
		kW	-	19.3	-	-	-	19.3
	Power Input	kW	-	5.2	-	-	-	5.6
Max. input consumption		kW	7.5	7.8	4.7	6.4	7.7	8.3
Max. current		A	23.6	42	24	34	39.2	43
Performance	Indoor fan air flow	CFM	1700	1800	1100	1700	1700	1700
	ESP	Pa	50	50	50	50	50	50
Indoor coil	Number of rows		3	3	3	3	3	12
	Fin spacing	mm	1.7	1.7	1.7	1.7	1.7	1.7
		inch	1/16"	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53	9.53	9.53	9.53
		inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Indoor fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	Quantity		1	1	1	1	1	1
	Drive type		Direct	Direct	Direct	Direct	Direct	Direct
	Motor quantity		1	1	1	1	1	1
Compressor	Type		Scroll	Scroll	Scroll	Scroll	Scroll	8300
	Quantity		1	1	1	1	1	1
	Brand		Sanyo	Sanyo	Copeland	Copeland	Copeland	Sanyo
	Capacity	Btu/h	57322	57322	36900	49500	57500	57500
	Refrigerant oil	ml	1700	1700	1200	1200	1824	1824
Outdoor coil	Number of rows		2	2	2	2	2	2
	Fin spacing	mm	1.7	1.7	1.7	1.7	1.7	1.7
		inch	1/16"	1/16"	1/16"	1/16"	1/16"	1/16"
	Tube diameter	mm	9.53	9.53	9.53	9.53	9.53	9.53
		inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Outdoor fan	Type		Axile	Axile	Axile	Axile	Axile	Axile
	Quantity		1	1	1	1	1	1
	Drive type		Direct	Direct	Direct	Direct	Direct	Direct
	Motor quantity		1	1	1	1	1	1
Refrigerant	Type		R22	R22	R22	R22	R22	R22
	Refrigerant volume	Kg	3.7	3.5	2.1	2.5	3.5	4
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Filter	Quantity		1	1	1	1	1	1
	Size (W×H×D)	mm	527.5x491x12.5	527.5x491x12.5	527.5x491x12.5	527.5x491x12.5	527.5x491x12.5	527.5x491x12.5
Shipping	Qty* Per 20'/40'/40'HQ		16/34/54	16/34/54	24/51/72	24/51/72	16/34/54	16/34/54

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