



T1 Condition-R22

Specification

Nominal ton		(Ton)	2	3	3	4	5
Model			APRE-24HD-S2	APRE-36HD-S2	APRE-36HD-R1	APRE-48HD-R1	APRE-60HD-R1
Power Supply		V,Ph,Hz	220~240V,1Ph,50Hz	220~240V,1Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz
Cooling	Cooling Capacity	Btu/h	24000	36000	36000	48000	60000
		kW	7	10.5	10.5	14	17.6
	Power Input	kW	3	4.5	4.4	5.5	6.5
Heating	Heating Capacity	Btu/h	26400	39600	39600	52800	66000
		kW	7.7	11.6	11.6	15.5	19.3
	Power Input	kW	2.7	4	3.7	4.5	5.7
Max.input consumption		kW	4.3	5.6	5.5	7	8.2
Max.current		A	21.1	29.2	9.2	12	14.5
Performance	Indoor fan air flow	CFM	824	1000	1000	1700	1700
	ESP	Pa	25	40	40	50	50
	EER	Btu/h/W	8	8	8	8.7	9.2
	COP	Btu/h/W	9.8	10	10	11.7	11.6
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	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
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	Scroll	Scroll	Scroll	Scroll
	Quantity		1	1	1	1	1
	Brand		GMCC	Sanyo	Sanyo	Sanyo	Sanyo
	Capacity	Btu/h	25784	39579	39579	49474	60392
	Refrigerant oil charge	ml	950	1700	1700	1700	1700
Outdoor Coil	Number of rows		1	2	2	2	2
	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	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
inch		3/8"	3/8"	3/8"	3/8"	3/8"	
Outdoor Fan	Type		Axial	Axial	Axial	Axial	Axial
	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	1.8	2.9	2.7	3.3	3.6
	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	527.5X694X12	527.5X694X12
Shipping	Qty/Per 20'/40'/40'HQ	Pieces	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.