



Outdoor unit R22 50Hz Split System

Specification

Model			APTSO-76C-D	APTSO-76H-D	APTSO-96C-D	APTSO-96H-D	APTSO-120C-D	APTSO-120H-D
Power supply		-	380~415V-3Ph-50Hz		380~415V-3Ph-50Hz		380~415V-3Ph-50Hz	
Rated input		W	11,500	11,500	14,500	14,700	18,000	18,000
Rated current		A	20	20	28	28.1	28.7	28.7
Noise level		dB(A)	63	63	64	64	65	65
Compressor	Type	-	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Qty.	-	2	2	2	2	2	2
	Capacity	Btu/h	40,356	40,356	52,800	52,800	60,342	60,342
	Input	W	3,600	3,600	4,550	4,550	5,300	5,300
	Rated current(RLA)	A	6.3	6.3	8	8	9.1	9.1
	Locked rotor Amp(LRA)	A	48	48	53	53	57	57
Refrigerant	Type	-	R22	R22	R22	R22	R22	R22
	Charge	g	6,200	6,200	6,500	6,500	10,000	9,500
Fan	Type	-	Axial fan	Axial fan	Axial fan	Axial fan	Axial fan	Axial fan
	Drive type	-	Direct	Direct	Direct	Direct	Direct	Direct
	Motor input	W	293+280	293+280	293+280	293+280	400×2	400×2
Coil	Type	-	Copper tube and aluminum fin		Copper tube and aluminum fin		Copper tube and aluminum fin	
	Tube size	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
	No. of rows	-	2	2	2	2	2	2
	Fin per inch	FPI	18	18	18	18	18	18
Refrigerant piping size (Liquid/gas)		mm	Φ12.7/Φ22	Φ12.7/Φ22	Φ12.7/Φ25	Φ12.7/Φ25	Φ16/Φ28.6	Φ16/Φ28.6
Connection wiring	Power wiring	mm ²	5×6.0	5×6.0	5×6.0	5×6.0	5×6.0	5×6.0
	Signal wiring	mm ²	2×1.0	4×1.0	2×1.0	4×1.0	2×1.0	4×1.0
Dimension (W×H×D)		mm	1,260×908×700	1,260×908×700	1,260×908×700	1,260×908×700	1,260×908×700	1,260×908×700
Packing (W×H×D)		mm	1,320×1,060×730	1,320×1,060×730	1,320×1,060×730	1,320×1,060×730	1,320×1,060×730	1,320×1,060×730
Net/ Gross weight		kg	161/194	164/179	177/192	180/195	193/208	196/211
Shipping Qty(20'/40'/40'HQ)		Pcs	24/54/54	24/54/54	24/54/54	24/54/54	24/54/54	24/54/54

Notes:

1. Nominal cooling capacities are based on the following conditions:

Indoor temperature: 80.6°F (27°C)DB, 66.2°F (19°C)WB; Outdoor temperature: 95°F (35°C)DB, 75.2°F (24°C)WB.

2. Nominal heating capacities are based on the following conditions:

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

3. The capacities above are tested in the following condition: The refrigerant piping length between indoor unit and outdoor unit is 7.5m.

4. Specifications are subject to change without prior notice for product improvement.