



Outdoor unit R410A 60Hz Split System

Specification

Model			APTSO-76CN1-D	APTSO-76HN1-D	APTSO-96CN1-D	APTSO-96HN1-D	APTSO-120CN1-D	APTSO-120HN1-D
Power supply	-		380~415V-3N-50Hz		380~415V-3N-50Hz		380~400V-3N-50Hz	
Rated input	W		11,700	11,700	14,400	14,400	17,300	17,300
Rated current	A		19.3	19.3	23.7	23.7	28.6	28.6
Noise level	dB(A)		65	65	67	67	69	69
Compressor	Type	-	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Qty.	-	1	1	1	1	1	1
	Capacity	Btu/h	74,500	74,500	100,000	100,000	118,000	118,000
	Input	W	6,950	6,950	9,110	9,110	10,862	10,862
	Rated current (RLA)	A	12.3	12.3	16.6	16.6	21.4	21.4
	Locked rotor Amp (LRA)	A	110	110	110	110	147	147
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
	Charge	g	5,400	5,400	6,000	6,000	7,200	7,200
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	310+292	310+292	670+644	670+644	621+587	621+587
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	Φ7	Φ7	Φ7
	No. of rows	-	2	2	3	3	3	3
	Fin per inch	FPI	18	18	19	19	19	19
Refrigerant piping size (Liquid/gas)	mm	Φ9.52/Φ22	Φ9.52Φ22	Φ9.52/Φ25	Φ9.52/Φ25	Φ12.7/Φ28.6	Φ12.7 /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	171/190	174/193	185/202	187/204	199/215	201/217	
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.