



## Outdoor unit R410A 50Hz Split System

### Specification

Model		APTSO-76CN1-E	APTSO-76HN1-E	APTSO-96CN1-E	APTSO-96HN1-E	APTSO-120CN1-E	APTSO-120HN1-E	
Power supply		-	380V-3Ph-60Hz		380V-3Ph-60Hz		380V-3Ph-60Hz	
Rated input		W	10,400	10,400	14,100	14,100	17,000	17,000
Rated current		A	16.6	16.6	22.5	22.5	28	28
Noise level		dB(A)	63	63	64	64	65	65
Compressor	Type	-	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Qty.	-	1	1	1	1	1	1
	Capacity	Btu/h	70,000	70,000	92,470	92,470	125,400	125,400
	Input	W	6,850	6,850	8,570	8,570	11,246	11,246
	Rated current (RLA)	A	10.7	10.7	18.6	18.6	26.4	26.4
	Locked rotor Amp (LRA)	A	70	70	124	124	177	177
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
	Charge	g	5,500	5,500	5,700	5,700	6,900	6,900
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	560+580	560+580	560+580	560+580	560+580	560+580
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	Liquid side/ Gas side	mm	Φ9.52/Φ22	Φ9.52/Φ22	Φ9.52/Φ25	Φ9.52/Φ25	Φ12.7/Φ28.6	Φ12.7/Φ28.6
Connection wiring	Power wiring	mm <sup>2</sup>	5×6.0	5×6.0	5×6.0	5×6.0	5×6.0	5×6.0
	Signal wiring	mm <sup>2</sup>	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	151/166	153/168	187/204	190/207	199/215	201/217
Shipping Qty per 20'/40'/40'HD		Pieces	24/54/54	24/54/54	24/54/54	24/54/54	24/54/54	24/54/54

#### Notes:

- 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.
- 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.
- The capacities above are tested in the following condition: The refrigerant piping length between indoor unit and outdoor unit is 7.5m.
- Specifications are subject to change without prior notice for product improvement.