



High Static Pressure Duct

Specification

Indoor Unit		APDHT-24CD-S2	APDHT-36CD-R3	APDHT-48CD-R3	APDHT-60CD-R3
Outdoor Unit		APSOT-24C-S2	APSOT-36C-R3	APSOT-48C-R3	APSOT-60C-R3
Capacity					
Cooling Capacity	Btu/h	24000	36000	48000	60000
	kW	7.1	10.5	14.0	16.0
Heating Capacity	Btu/h	—	—	—	—
	kW	—	—	—	—
Electrical Parts					
Power Supply	V~, Hz, Ph	220-240, 50, 1	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3
Power Input (W)	Cooling	2669	4038	5185	5904
	Heating	—	—	—	—
Performance					
EER	W/W	2.66	2.60	2.70	2.71
COP	W/W	—	—	—	—
Air Flow Volume	m ³ /h	1344/1294/1187	2200/2088/1715	3850/3645/3026	3850/3645/3026
Static Pressure	Pa	100	150	160	160
Noise Level (dB(A))	Indoor(Hi/Med/Low)	47/46/45	54/52/50	58/54/52	58/54/52
	Outdoor	56	58	58	58
Dimension & Weight					
Net Dimension (mm)	Indoor (W×H×D)	856×400×691	856×400×691	1200×400×691	1200×400×691
	Outdoor (W×H×D)	842×695×324	895×862×313	900×1167×340	900×1167×340
Net Weight (kg)	Indoor/Outdoor	45/49	50/79	64/99	64/103
	Indoor (W×H×D)	1090×440×768	1090×440×768	1436×440×768	1436×440×768
Packing Dimension (mm)	Outdoor (W×H×D)	965×755×395	1043×915×395	1032×1307×443	1032×1307×443
	Indoor/Outdoor	52/51	56/84	71/103	71/107
Piping Size					
Liquid	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
Gas	mm	Φ15.9	Φ19.0	Φ19.0	Φ19.0
Max. pipe length	m	25	30	50	50
Max. height difference	m	10	20	25	25
Drainage	mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Applicable Area & Stuffing Quantity					
Applicable Area	m ²	28-47	42-70	56-93	64-107
Stuffing Quantity (Set)	20'/40'/40'HQ	38/88/99	34/70/79	20/48/58	20/48/58

Specification_Cooling & Heating

Indoor Unit		APDHT-24HD-S2	APDHT-36HD-S2	APDHT-36HD-R3	APDHT-48HD-R3	APDHT-60HD-R3
Outdoor Unit		APSOT-24H-S2	APSOT-36H-S2	APSOT-36H-R3	APSOT-48H-R3	APSOT-60H-R3
Capacity						
Cooling Capacity	Btu/h	24000	36000	36000	48000	60000
	kW	7.1	10.5	10.5	14.0	16.0
Heating Capacity	Btu/h	26000	38000	38000	51000	62000
	kW	7.6	11.1	11.1	15.0	18.2
Electrical Parts						
Power Supply	V~, Hz, Ph	220, 50, 1	220, 50, 1	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3
Power Input (W)	Cooling	2710	4038	3962	5224	5926
	Heating	2715	3982	3926	5172	6254
Performance						
EER	W/W	2.62	2.60	2.65	2.68	2.70
COP	W/W	2.80	2.79	2.83	2.90	2.91
Air Flow Volume	m ³ /h	1545/1410/1205	1953/1715/1648	1953/1715/1648	1953/1715/1648	2718/2633/2208
Static Pressure	Pa	40	70	70	70	100
Noise Level (dB(A))	Indoor(Hi/Med/Low)	48/46/44	50/48/46	50/48/46	50/48/46	54/52/50
	Outdoor	56	60	60	60	60
Dimension & Weight						
Net Dimension (mm)	Indoor (W×H×D)	856×400×691	856×400×691	856×400×691	1200×400×691	1200×400×691
	Outdoor (W×H×D)	842×695×324	990×966×354	990×966×354	900×1167×340	900×1167×340
Net Weight (kg)	Indoor/Outdoor	35/59	48/102	48/102	48/118	62/128
	Indoor (W×H×D)	1090×440×768	1090×440×768	1090×440×768	1436×440×768	1436×440×768
Packing Dimension (mm)	Outdoor (W×H×D)	965×755×395	1120×1100×435	1120×1100×435	1032×1307×443	1032×1307×443
	Indoor/Outdoor	44/64	57/107	57/107	57/125	67/135
Piping Size						
Liquid	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
Gas	mm	Φ15.9	Φ19.0	Φ19.0	Φ19.0	Φ19.0
Max. pipe length	m	25	30	30	50	50
Max. height difference	m	10	20	20	25	25
Drainage	mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Applicable Area & Stuffing Quantity						
Applicable Area	m ²	28-47	42-70	42-70	56-93	64-107
Stuffing Quantity (Set)	20'/40'/40'HQ	34/76/86	22/48/54	22/48/54	21/39/47	17/39/47

Remark:

1. The above design and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.