



## Top Discharge Universal Outdoor Unit

### Specification

Outdoor Unit		APTOT-18C-S2	APTOT-24C-S2	APTOT-36C-S2	APTOT-36C-S	APTOT-48C-S	APTOT-60C-S
<b>Capacity</b>							
Cooling Capacity	Btu/h	18000	24000	36000	36000	48000	60000
	kW	5.3	7.1	10.5	10.5	14.0	16.0
Heating Capacity	Btu/h	—	—	—	—	—	—
	kW	—	—	—	—	—	—
<b>Performance</b>							
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3
Air Flow Volume	m <sup>3</sup> /h	3370	3370	4000	4000	7000	7000
Noise Level	dB(A)	52	52	55	55	60	60
<b>Dimension &amp; Weight</b>							
Net Dimension (mm)	W×H×D	554×633×554	554×633×554	600×759×600	600×759×600	710×759×710	710×759×710
Net Weight	kg	50	52	66	66	77	85.5
Packing Dimension (mm)	W×H×D	582×667×582	582×667×582	628×794×628	628×794×628	738×794×738	738×794×738
Gross Weight	kg	53	55	70	70	82	90
<b>Piping Size</b>							
Liquid Size	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
Gas Size	mm	Φ12.7	Φ15.9	Φ19.0	Φ19.0	Φ19.0	Φ19.0
Max. pipe length	m	25	25	30	30	50	50
Max. height difference	m	10	10	20	20	25	25
<b>Stuffing Quantity</b>							
20'/40'/40'HQ	Unit	120/240/240	120/240/240	42/90/133	42/90/133	42/90/133	42/90/133

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.



## Specifications\_Cooling Only

Indoor Unit			APDT-18CD-S2	APDT-24CD-S2	APDT-36CD-S2
Outdoor Unit			APTOT-18C-S2	APTOT-24C-S2	APTOT-36C-S2
Capacity	Cooling Capacity	Btu/h	18000	24000	36000
		kW	5.3	7.1	10.5
	Heating Capacity	Btu/h	—	—	—
		kW	—	—	—
Electrical Parts	Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
	Power Input (W)	Cooling	1992	2659	3889
		Heating	—	—	—
Performance	EER	W/W	2.66	2.67	2.70
	COP	W/W	—	—	—
	Air Flow Volume	m <sup>3</sup> /h	1170/770/650	1400/1100/1000	2270/1890/1650
	Static Pressure	Pa	70	70	80
	Noise Level (dB(A))	Indoor(Hi/Med/Low)		40/31/26	42/32/29
Outdoor			52	52	55
Dimension & Weight	Net Dimension (mm)	Indoor (W×H×D)	920×210×635	920×270×635	1140×270×775
		Outdoor (W×H×D)	554×633×554	554×633×554	600×759×600
	Net Weight (kg)	Indoor/Outdoor	24/50	28/52	42/66
	Packing Dimension (mm)	Indoor (W×H×D)	1135×290×655	1135×350×655	1355×350×795
		Outdoor (W×H×D)	582×667×582	582×667×582	628×794×628
Gross Weight (kg)	Indoor/Outdoor	29/53	33/55	46/77	
Piping Size	Liquid	mm	Ø6.4	Ø9.5	Ø9.5
	Gas	mm	Ø12.7	Ø15.9	Ø19.0
	Max. pipe length	m	25	25	30
	Max. height difference	m	10	10	20
	Drainage	mm	ODØ25	ODØ25	ODØ25
Applicable Area & Stuffing Quantity	Applicable Area	m <sup>2</sup>	21-35	28-47	42-70
	Stuffing Quantity (Set)	20'/40'/40'HQ	54/118/130	54/118/130	42/90/100

Indoor Unit			APDT-36CD-R3	APDT-48CD-R3	APDT-60CD-R3
Outdoor Unit			APTOT-36C-R3	APTOT-48C-R3	APTOT-60C-R3
Capacity	Cooling Capacity	Btu/h	36000	48000	60000
		kW	10.5	14.0	16.0
	Heating Capacity	Btu/h	—	—	—
		kW	—	—	—
Electrical Parts	Power Supply	V~, Hz, Ph	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3
	Power Input (W)	Cooling	3889	5147	5861
		Heating	—	—	—
Performance	EER	W/W	2.70	2.72	2.73
	COP	W/W	—	—	—
	Air Flow Volume	m <sup>3</sup> /h	2270/1890/1650	3010/2410/1940	3150/2510/1990
	Static Pressure	Pa	80	100	100
	Noise Level (dB(A))	Indoor(Hi/Med/Low)		46/38/34	47/39/36
Outdoor			55	60	60
Dimension & Weight	Net Dimension (mm)	Indoor (W×H×D)	1140×270×775	1200×300×865	1200×300×865
		Outdoor (W×H×D)	600×759×600	710×759×710	710×759×710
	Net Weight (kg)	Indoor/Outdoor	42/66	48/77	48/85.5
	Packing Dimension (mm)	Indoor (W×H×D)	1355×350×795	1385×373×920	1385×373×920
		Outdoor (W×H×D)	628×794×628	738×794×738	738×794×738
Gross Weight (kg)	Indoor/Outdoor	46/77	56/82	56/90	
Piping Size	Liquid	mm	Ø9.52	Ø9.52	Ø9.52
	Gas	mm	Ø19.0	Ø19.0	Ø19.0
	Max. pipe length	m	30	50	50
	Max. height difference	m	20	25	25
	Drainage	mm	ODØ25	ODØ25	ODØ25
Applicable Area & Stuffing Quantity	Applicable Area	m <sup>2</sup>	42-70	56-93	64-107
	Stuffing Quantity (Set)	20'/40'/40'HQ	42/90/100	25/57/68	25/57/68

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.



## Specification\_Cooling Only

Outdoor Unit		APSOT-18C-S2	APSOT-24C-S2	APSOT-30C-S2	APSOT-36C-S2	APSOT-36C-R3	APSOT-42C-R3	APSOT-48C-R3	APSOT-60C-R3
<b>Capacity</b>									
Cooling Capacity	Btu/h	18000	24000	30000	36000	36000	42000	48000	60000
	kW	5.3	7.1	9.0	10.5	10.5	12.0	14.0	16.0
Heating Capacity	Btu/h	—	—	—	—	—	—	—	—
	kW	—	—	—	—	—	—	—	—
<b>Performance</b>									
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3
Air Flow Volume	m <sup>3</sup> /h	3400	3400	4800	4800	4800	5800	6000	6050
Noise Level	dB(A)	56	56	58	58	58	60	58	58
<b>Dimension &amp; Weight</b>									
Net Dimension (mm)	W×H×D	842×695×324	842×695×324	895×862×313	895×862×313	895×862×313	990×966×354	900×1167×340	900×1167×340
Net Weight	kg	42	49	62	84	79	97	99	103
Packing Dimension (mm)	W×H×D	965×755×395	965×755×395	1043×915×395	1043×915×395	1043×915×395	1120×1100×435	1032×1307×443	1032×1307×443
Gross Weight	kg	45	51	67	89	84	101	103	107
<b>Piping Size</b>									
Liquid Size	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
Gas Size	mm	Φ12.7	Φ15.9	Φ15.9	Φ19.0	Φ19.0	Φ19.0	Φ19.0	Φ19.0
Max. pipe length	m	25	25	30	30	30	50	50	50
Max. height difference	m	10	10	15	20	20	25	25	25
<b>Stuffing Quantity</b>									
20°/40°/40°HQ	Unit	100/208/216	100/208/216	62/128/128	62/128/128	50/106/108	50/106/108	27/55/56	27/55/56

## Specification\_Cooling & Heating

Outdoor Unit		APSOT-18H-S2	APSOT-24H-S2	APSOT-36H-S2	APSOT-36H-R3	APSOT-48H-R3	APSOT-60H-R3
<b>Capacity</b>							
Cooling Capacity	Btu/h	18000	24000	36000	36000	48000	60000
	kW	5.3	7.1	10.5	10.5	14.0	16.0
Heating Capacity	Btu/h	21000	26000	38000	38000	51000	62000
	kW	6.2	7.6	11.1	11.1	15.0	18.2
<b>Performance</b>							
Power Supply	V~, Hz, Ph	220, 50, 1	220, 50, 1	220, 50, 1	380-415, 50, 3	380-415, 50, 3	380-415, 50, 3
Air Flow Volume	m <sup>3</sup> /h	3400	3400	5800	5800	6000	6000
Noise Level	dB(A)	56	56	60	60	60	60
<b>Dimension &amp; Weight</b>							
Net Dimension (mm)	W×H×D	842×695×324	842×695×324	990×966×354	990×966×354	900×340×1167	900×340×1167
Net Weight	kg	55	59	102	102	102	105
Packing Dimension (mm)	W×H×D	965×755×395	965×755×395	1120×1100×435	1120×1100×435	1032×443×1307	1032×443×1307
Gross Weight	kg	58	64	107	107	107	110
<b>Piping Size</b>							
Liquid Size	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
Gas Size	mm	Φ12.7	Φ15.9	Φ19.0	Φ19.0	Φ19.0	Φ19.0
Max. pipe length	m	25	25	30	30	50	50
Max. height difference	m	10	10	20	20	25	25
<b>Stuffing Quantity</b>							
20°/40°/40°HQ	Unit	100/208/216	100/208/216	50/106/108	50/106/108	27/55/56	27/55/56

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.