

CASSETTE TYPE, DUCT & CEILING/FLOOR MOUNTED SPLIT SYSTEMS

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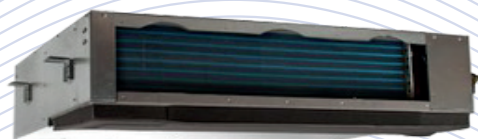


CEILING/FLOOR MOUNTED MODELS



	AFI/AOU-53HPR1	AFI/AOU-105HPS3	AFI/AOU-140HPS3	AFI/AOU-180HPS3
Cooling capacity, BTU/h	18000	36000	48000	60000
Cooling capacity, kW	5,3	10,6	14,1	17,6
Heating capacity, kW	5,9	11,7	15,2	19,1
Power input (cooling), kW	1,8	3,7	5,1	5,9
Power input (heating), kW	1,9	4,3	5,4	6,8
Rated current (cooling), A	15,0	10,0	10,5	12,8
Rated current (heating), A	15,0	10,0	10,5	12,8
Power supply, V/Hz/Ph	230/1/50	380/3/50	380/3/50	380/3/50
Cooling efficiency (ERR)	2,89	2,81	2,73	2,72
Heating efficiency (COP)	3,19	2,80	2,79	2,78
Indoor unit air flow volume, m³/h	800/600/500	1400/1200/1000	2000/1800/1600	2000/1800/1600
Indoor unit sound level, dB(A)	43/41/38	45/43/40	47/46/44	47/46/44
Outdoor unit sound level, dB(A)	54	57	59	59
Indoor unit dimensions, mm	990x660x203	1280x660x203	1670x680x240	1670x680x240
Outdoor unit dimensions, mm	762x593x282	990x966x354	900x1167x340	900x1167x340
Indoor unit weight, kg	26	35	50	50
Outdoor unit weight, kg	39	92	110	106
Refrigerant connection piping size, inch	1/4 - 1/2	1/2 - 3/4	1/2 - 3/4	1/2 - 3/4
Refrigerant	R410a	R410a	R410a	R410a
Maximum refrigerant pipe length, m	25	25	25	25
Maximum height difference, m	15	15	15	15
Condensate drain pipe, mm	25	25	25	25
Electrical connections (indoor&outdoor), mm²	3 x 2,5 + 2 x 0,5	5 x 4,0 + 2 x 1,5	5 x 4,0 + 2 x 1,5	5 x 4,0 + 2 x 1,5
Electrical connections (power), mm²	3 x 2,5	5 x 4,0	5 x 4,0	5 x 4,0

DUCT MOUNTED MODELS



	ATI/AOU-53HPR1	ATI/AOU-105HPS3	ATI/AOU-140HPS3
Cooling capacity, BTU/h	18000	36000	48000
Cooling capacity, kW	5,3	10,5	14,0
Heating capacity, kW	6,0	12,0	15,0
Power input (cooling), kW	1,9	3,8	5,2
Power input (heating), kW	1,9	4,0	5,4
Rated current (cooling), A	15,0	10,0	10,8
Rated current (heating), A	15,0	10,0	10,8
Power supply, V/Hz/Ph	230/1/50	380/3/50	380/3/50
Cooling efficiency (ERR)	2,79	2,74	2,71
Heating efficiency (COP)	3,16	3,01	2,78
Indoor unit air flow volume, m³/h	1160/1100/1050	2070/1950/1860	2400/2300/2200
Indoor unit sound level, dB(A)	44/41/37	49/47/44	51/47/44
Outdoor unit sound level, dB(A)	54	57	59
Indoor unit dimensions, mm	1000x298x800	1350x298x800	1350x298x800
Outdoor unit dimensions, mm	762x593x282	990x966x354	
Indoor unit weight, kg	36	48	48
Outdoor unit weight, kg	39	92	110
Refrigerant connection piping size, inch	1/4 - 1/2	1/2 - 3/4	1/2 - 3/4
Refrigerant	R410a	R410a	R410a
Maximum refrigerant pipe length, m	25	25	25
Maximum height difference, m	15	15	15
Condensate drain pipe, mm	25	25	25
Electrical connections (indoor&outdoor), mm²	3 x 2,5 + 2 x 0,5	5 x 4,0 + 2 x 1,5	5 x 4,0 + 2 x 1,5
Electrical connections (power), mm²	3 x 2,5	5 x 4,0	5 x 4,0

CASSETTE TYPE MODELS



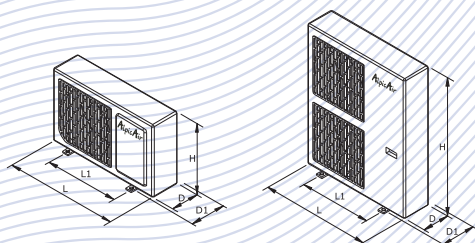
	ACI/AOU-35HPR1	ACI/AOU-53HPR1	ACI/AOU-71HPR1	ACI/AOU-105HPS3	ACI/AOU-140HPS3
Cooling capacity, BTU/h	12000	18000	24000	36000	48000
Cooling capacity, kW	3,5	5,3	7,0	10,6	14,1
Heating capacity, kW	3,8	5,9	7,6	11,7	15,2
Power input (cooling), kW	1,1	1,8	2,5	3,9	5,2
Power input (heating), kW	1,2	1,9	2,4	3,6	5,4
Rated current (cooling), A	7,0	15,0	18,0	10,0	10,5
Rated current (heating), A	7,0	15,0	18,0	10,0	10,5
Power supply, V/Hz/Ph	230/1/50	230/1/50	230/1/50	380/3/50	380/3/50
Cooling efficiency (ERR)	2,95	2,89	2,87	2,73	2,72
Heating efficiency (COP)	3,24	3,19	3,13	2,88	2,78
Indoor unit air flow volume, m³/h	680/600/400	860/760/500	1220/1010/820	1540/1300/1120	1540/1300/1120
Indoor unit sound level, dB(A)	41/38/35	44/41/38	42/41/39	44/43/41	44/43/41
Outdoor unit sound level, dB(A)	43	54	55	57	59
Indoor unit dimensions, mm	570x260x570	570x260x570	840x230x840	840x300x840	840x300x840
Panel dimensions, mm	647x50x647	647x50x647	950x55x950	950x55x950	950x55x950
Outdoor unit dimensions, mm	780x547x250	762x593x282	845x695x335	990x966x354	900x1167x340
Indoor unit weight, kg	16	19	24	24	24
Panel weight, kg	3	3	9	9	9
Outdoor unit weight, kg	35	39	53	92	110
Refrigerant connection piping size, inch	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	1/2 - 3/4	1/2 - 3/4
Refrigerant	R410a	R410a	R410a	R410a	R410a
Maximum refrigerant pipe length, m	15	25	25	25	25
Maximum height difference, m	8	15	15	15	15
Condensate drain pipe, mm	25	25	25	25	25
Electrical connections (indoor&outdoor), mm²	3 x 2,5 + 2 x 0,5	3 x 2,5 + 2 x 0,5	5 x 4,0 + 2 x 1,5	5 x 4,0 + 2 x 1,5	5 x 4,0 + 2 x 1,5
Electrical connections (power), mm²	3 x 2,5	3 x 2,5	5 x 4,0	5 x 4,0	5 x 4,0

OUTDOOR UNITS

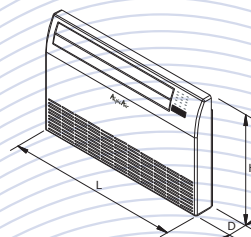


	AOU-35HPR1	AOU-53HPR1	AOU-71HPR1	AOU-105HPS3	AOU-140HPS3	AOU-180HPS3
Cooling capacity, BTU/h	12000	18000	24000	36000	48000	60000
Cooling capacity, kW	3,5	5,3	7,0	10,6	14,1	17,6
Heating capacity, kW	3,8	5,9	7,6	11,7	15,2	19,1
Power input (cooling), kW	1,1	1,8	2,5	3,8	4,9	5,9
Power input (heating), kW	1,2	1,9	2,4	4,3	5,3	6,9
Max input current, A	7,0	15	18	10	10,5	12,8
Power supply, V/Hz/Ph	230/1/50	230/1/50	230/1/50	380/3/50	380/3/50	380/3/50
Cooling efficiency (ERR)	2,33	1,80	2,03	2,13	2,24	2,35
Heating efficiency (COP)	2,53	2,0	2,21	2,37	2,42	2,55
Sound level (Lp), dB(A)	43	54	55	57	59	59
Ambient temperature, °C	+35	+35	+35	+35	+35	+35
Saturated suction temperature, °C	+7	+7	+7	+7	+7	+7
Unit weight, kg	35	39	53	92	110	106
Unit dimensions, mm	780x547x250	762x593x282	845x695x335	990x966x354	900x1167x340	900x1167x340
Mounting holes distance, mm	548x266	530x290	582x368	624x366	590x378	590x378
Compressor model	PA140X2C-4FT	PA225X2CS-4KU1	PA290X3CS-4MU1	C-SBN303H8D (Sanyo)	C-SBN373H8D (Sanyo)	C-SBN453H8D (Sanyo)
Compressor type	rotary	rotary	rotary	scroll	scroll	scroll
Refrigerant connection piping size, inch	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	1/2 - 3/4	1/2 - 3/4	1/2 - 3/4
Refrigerant	R410a	R410a	R410a	R410a	R410a	R410a
Electrical connections (signal), mm²	2 x 0,5	2 x 0,5	2 x 1,5	2 x 1,5	2 x 1,5	2 x 1,5
Electrical connections (power), mm²	3 x 2,5	3 x 2,5	5 x 4,0	5 x 4,0	5 x 4,0	5 x 4,0

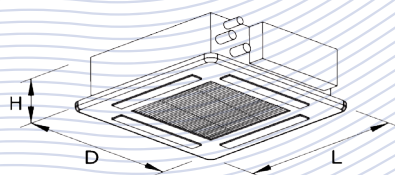




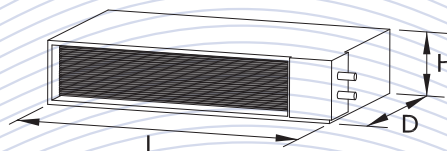
	L	H	D	L1	D1
AOU-35HPR1	838 (780)	547	250	548	266
AOU-53HPR1	824 (762)	593	282	530	290
AOU-71HPR1	910 (845)	695	335	582	368
AOU-105HPS3	1075 (990)	966	354	624	366
AOU-140HPS3	986 (900)	1167	340	590	378
AOU-180HPS3	986 (900)	1167	340	590	378



	L	H	D
AFI-53HPR1	990	660	203
AFI-105HPS3	1280	660	203
AFI-140HPS3	1670	680	240
AFI-180HPS3	1670	680	240



	L	H	D	p L	p H	p D
ACI-35HPR1	570	260	570	647	50	647
ACI-53HPR1	570	260	570	647	50	647
ACI-71HPR1	840	230	840	950	55	950
ACI-105HPS3	840	300	840	950	55	950
ACI-140HPS3	840	300	840	950	55	950



	L	H	D
ATI-53HPR1	1000	298	800
ATI-105HPS3	1350	298	800
ATI-140HPS3	1350	298	800

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* Because of continuous improvement we reserve the right to makes changes in all specifications without prior notice