

DUCTED SLIM LOW PRESSURE



- 2,5 kW
- 3,5 kW
- 5,0 kW
- 7,1 kW



Recommended controls
HW-BA101ABT or HW-SA301AFK

Please see pages 31 & 32
For Controller Options

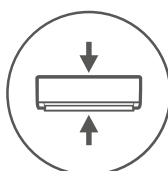


The Slim Duct Low Pressure unit, available in 2,5kW, 3.5kW, 5.0kW and 7.1kW, offer compact design for high flexibility. Equipped with premium features such as the UVC Sterilisation module that actively inhibits viruses and bacteria, and the hOn Wi-Fi control. The Slim Duct Low Pressure comes with a standard condensate drain pump.

KEY FEATURES



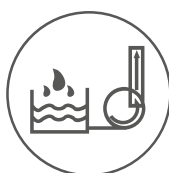
Silence



Compact
Design



3D



Condensate
Drain Pump



Flexible
Installation



UVC
Sterilisation

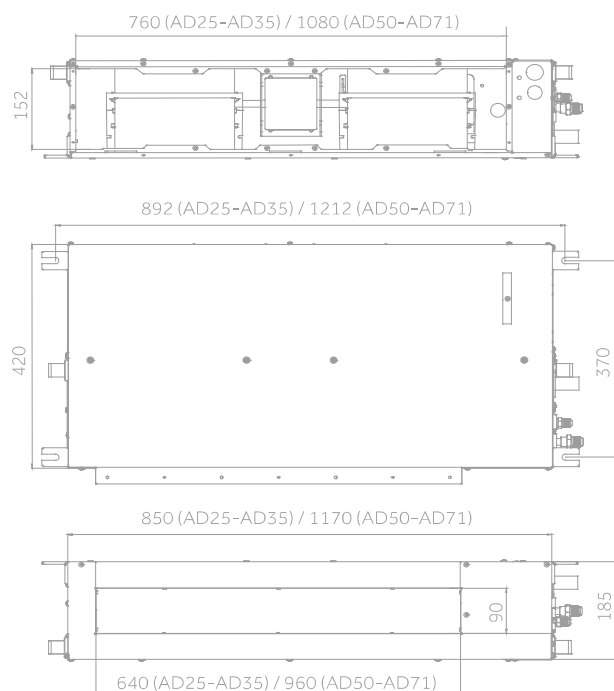
MODEL	Indoor		AD25S2SS1FA(H)	AD35S2SS1FA(H)	AD50S2SS1FA(H)	AD71S2SS1FA(H)	AD71S2SS1FA(H)
	Outdoor		1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2	1U71S2ST1FA	1U71S2SR3FA
Performance data							
Output power - COOLING	nom (min-max)	kW	2,5 (0,7-4,3)	3,50 (1,00-4,30)	5,00 (1,40-5,70)	6,80 (2,00-7,30)	7,10 (2,00-7,60)
Output power - HEATING	nom (min-max)	kW	3,1 (0,9-4,6)	4,00 (1,00-5,30)	5,80 (1,40-6,00)	7,50 (2,50-8,00)	7,50 (2,50-8,30)
Absorbed power – COOLING	nom (min-max)	kW	0,77 (0,25-1,6)	0,91 (0,30-1,50)	1,45 (0,50-2,00)	2,00 (0,50-2,60)	2,20 (0,50-3,00)
Absorbed power – HEATING	nom (min-max)	kW	0,84 (0,25-1,6)	1,07 (0,50-1,60)	1,56 (0,52-2,35)	1,97 (0,50-2,60)	2,01 (0,60-2,90)
Energy class	EER	W/W	3,23	3,81	3,48	3,40	3,24
	COP	W/W	3,71	3,73	3,73	3,80	3,73
COOLING Pdesign	35 °C	kW	2,5	3,50	5,00	7,10	7,10
HEATING Pdesign	(-10 °C)	kW	2,8	3,00	4,40	5,00	5,00
Energy class	SEER		6,10 (A++)	6,10 (A++)	6,10 (A++)	6,10 (A++)	6,10 (A++)
	SCOP		4,0 (A+)	3,80 (A+)	3,80 (A+)	4,00 (A+)	4,00 (A+)
Annual Energy Consumption - COOLING		kWh/a	210	146	240	406	406
Annual Energy Consumption - HEATING		kWh/a	1398	945	1491	1831	1836
Indoor Unit							
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
Treated air volume	H/M/L/Q	m3/h	580/480/380	600/480/420	900/750/600	1000/850/750	1000/850/750
External static pressure		dB	0/10/20/40	0/10/20/40	0/10/20/40	0/10/20/40	0/10/20/40
High sound power		dB	50	53	54	59	59
Sound pressure		dB(A)	32/28/26	33/28/25	36/34/32	46/44/42	46/44/42
Net dimensions	WxDxH	mm	850x420x185	850x420x185	1170x420x185	1170x420x185	1170x420x185
Packaging dimensions	WxDxH	mm	1045x530x260	1045x530x260	1365x530x260	1365x530x260	1365x530x260
Net/gross weight		kg	16,0/21,0	16,0/21,0	22,8/27,0	25,2/28,4	25,2/28,4
Panel (Optional)	Model		P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D	P1B-1210IA/D
Panel Net dimensions	WxDxH	mm	890x190x100(outlet panel) 890x290,5x32,4 (inlet panel)		1210x190x100(outlet panel) 1210x290,5x32,4 (inlet panel)		
Panel Packaging dimensions	WxDxH	mm	938x335x220	938x335x220	1258x335x220	1258x335x220	1258x335x220
Panel Net/gross weight		kg	4,0/5,0	4,0/5,0	5,0/6,0	5,0/6,0	5,0/6,0
Outdoor Unit							
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50/60	1/220-240/50/60
Power cable		N x mm2	3 x 1,5	3 x 1,5	3 x 1,5	3 x 4,0	3 x 4,0
Interconnection cable		N x mm2	4 x 1,0	4 x 1,0	4 x 1,0	4 x 2,5	4 x 2,5
Sound power	H	dB	59	61	63	68	68
Sound pressure	H	dB(A)	47	48	51	54	54
Running current cooling/heating	Max	A	8,0	8,0	10,68	13,1	13,1
Starting current cooling/heating	Max	A	2,0	2,0	2,0	2,0	2,0
Net dimensions	WxDxH	mm	800x280x553	800x280x553	820x306x642	890x340x705	890x340x705
Packaging dimensions	WxDxH	mm	902x375x614	902x375x614	940x390x697	1046x460x780	1046x460x780
Net/gross weight		kg	27,6/30,4	30,0/32,9	37,8/40,5	44,0/48,0	45,0/50,0
Compressor type			Rotary inverter	Rotary inverter	Rotary inverter	Twin rotary inverter	Twin rotary inverter
Installation data							
Refrigerant			R32	R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,88 (5/8)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	7	7	7	10	10
Maximum pipe length		m	20	20	25	50	50
Maximum IU - OU elevation		m	10	10	15	30	30
Refrigerant charge in the factory		kg	0,63	0,78	1,10	1,23	1,30
Refrigerant charge in the factory		TCO2eq	0,43	0,53	0,74	0,83	0,87
Additional ref. charge over std length		g/m	20	20	20	45	45
Operating limits - COOLING (in/out)	min-max	°C	-20-43	-20-43	-20-43	-20-46	-20-46
Operating limits - HEATING (in/out)	min-max	°C	-20-24	-20-24	-20-24	-20-24	-20-24

DUCTED UNITS

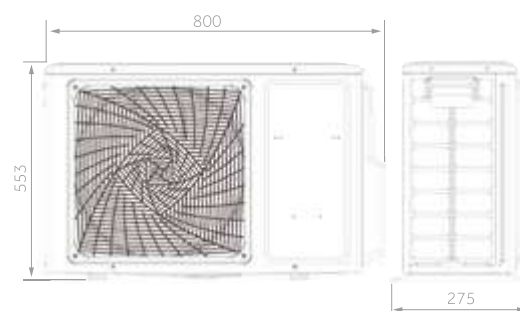
TECHNICAL ILLUSTRATIONS

DUCTED SLIM LOW PRESSURE

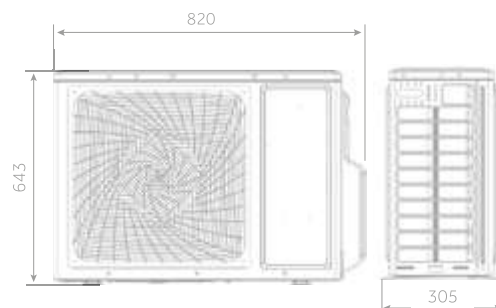
AD25 / AD35 / AD50 / AD71



1U25 / 1U35



1U50



1U71

