

Haier

NEW

CEILING FLOOR



- 2,5 kW
- 3,5 kW
- 5,0 kW
- 7,1 kW
- 10,5 kW
- 12,5 kW
- 14,0 kW
- 16,0 kW



Please see pages 31 & 32 For Controller Options



Integrated Wi-Fi Control



The versatile **Ceiling Floor air conditioner range** adapts to any space, mounting effortlessly on ceilings or floors to suit your needs. Ideal for offices and shops, it operates with quiet efficiency and offers 5 adjustable fan speeds for customized comfort. The Fresh Air system ensures continuous ventilation while Flow+ technology optimizes airflow. It combines performance with energy savings with a thin, sleek design and a high resolution LED display.

KEY FEATURES



Silence



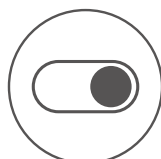
Flow +



5 Speed Fan



Fresh Air



On-Off Card



UVC Sterilisation

EN-378 Install Values

(≥AC71) CEILING

m (kg)	Sup. (m ²)
1,225	0,95
1,40	1,25
1,60	1,63
1,80	2,07
2,00	2,55
2,20	3,09
2,40	3,68
2,60	4,31
2,80	5,00
3,00	5,74

EN-378 Install Values

(≥AC71) FLOOR

m (kg)	Sup. (m ²)
1,225	12,9
1,4	16,8
1,6	22,0
1,8	27,8
2,0	34,3
2,2	41,5
2,4	49,4
2,6	58,0
2,8	67,3
3,0	77,2

MODEL	Indoor NEW		AC25S2SG2FA(H)	AC35S2SG2FA(H)	AC50S2SG2FA(H)	AC71S2SG2FA(H)
	Outdoor		1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2	1U71S2ST1FA
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)	7,10 (2,00-7,30)
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)	7,80 (2,50-8,50)
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)	1,89 (0,50-2,60)
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)	1,95 (0,50-3,10)
Energy class	EER	W/W	3,23	3,81	3,48	3,75
	COP	W/W	3,71	3,73	3,73	4,00
COOLING Pdesign	35 °C	kW	2,5	3,50	5,00	7,10
HEATING Pdesign	(-10 °C)	kW	2,8	3,00	4,40	5,00
Energy class	SEER		6,1 (A+++)	8,50 (A+++)	7,31 (A++)	7,15 (A++)
	SCOP		4,0 (A+)	4,47 (A+)	4,10 (A+)	4,25 (A+)
Annual Energy Consumption - COOLING		kWh/a	210	146	240	406
Annual Energy Consumption - HEATING		kWh/a	1398	945	1491	1831
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
Treated air volume	H/M/L/Q	m ³ /h	580/480/380/280	750/620/500/400	880/750/650/500	1250/1128/930/840
High sound power		dB	50	53	57	61
Sound pressure		dB(A)	35/32/28/26	39/36/33/30	44/41/38/35	43/40/38/35
Net dimensions	WxDxH	mm	1000x230x680	1000x230x680	1000x230x680	1325x230x680
Packaging dimensions	WxDxH	mm	1100x305x779	1100x305x779	1100x305x779	1425x305x779
Net/gross weight		kg	26,0/32,0	26,0/32,0	26,0/32,0	33,5/41,9
Outdoor Unit						
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50/60
Power cable		N x mm ²	3 x 1,5	3 x 1,5	3 x 1,5	3 x 4,0
Interconnection cable		N x mm ²	4 x 1,0	4 x 1,0	4 x 1,0	4 x 2,5
Sound power	H	dB	59	61	63	68
Sound pressure	H	dB(A)	47	48	51	54
Running current cooling/heating	Max	A	8,0	8,0	10,68	13,1
Starting current cooling/heating	Max	A	2,0	2,0	2,0	2,0
Net dimensions	WxDxH	mm	800x280x553	800x280x553	820x305x643	890x340x705
Packaging dimensions	WxDxH	mm	902x375x614	902x375x614	940x390x697	1046x460x780
Net/gross weight		kg	27,6/30,4	30,0/32,9	37,8/40,5	44,0/48,0
Compressor type			Rotary inverter	Rotary inverter	Twin rotary inverter	Twin rotary inverter
Installation data						
Refrigerant			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)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	7	7	7	10
Maximum pipe length		m	20	20	25	50
Maximum IU - OU elevation		m	10	10	15	30
Refrigerant charge in the factory		kg	0,63	0,78	1,10	1,23
Refrigerant charge in the factory		TCO _{2eq}	0,43	0,53	0,74	0,83
Additional ref. charge over std length		g/m	20	20	20	45
Operating limits - COOLING (in/out)	min-max	°C	-20-43			
Operating limits - HEATING (in/out)	min-max	°C	-20-24			

Additional technical specifications on next page

CEILING FLOOR



MODEL	Indoor NEW		AC105S2SH2FA(H)	AC105S2SH2FA(H)	AC125S2SK2FA(H)	AC125S2SK2FA(H)	
	Outdoor		1U105S2SS2FA	1U105S2SS1FB	1U125S2SN2FA	1U125S2SN2FB	
Performance data							
Output power - COOLING	nom (min-max)	kW	9,50 (2,50-10,00)	9,50 (2,50-10,00)	12,30 (3,00-13,00)	12,40 (3,00-13,00)	
Output power - HEATING	nom (min-max)	kW	10,20 (3,00-10,50)	10,50 (3,00-11,00)	12,70 (3,50-13,50)	12,80 (3,50-13,50)	
Absorbed power - COOLING	nom (min-max)	kW	3,13 (0,50-4,00)	3,25 (0,50-4,00)	4,54 (1,00-6,00)	4,53 (1,00-6,00)	
Absorbed power - HEATING	nom (min-max)	kW	3,07 (0,50-4,00)	3,10 (0,50-4,00)	3,96 (1,00-6,00)	3,93 (1,00-6,00)	
Energy class	EER	W/W	3,04	2,90	2,71	2,74	
	COP	W/W	3,32	3,50	3,21	3,26	
COOLING Pdesign	35 °C	kW	9,50	9,50	12,30	12,40	
HEATING Pdesign	(-10 °C)	kW	7,00	6,00	8,00	8,00	
Energy class	SEER		6,11 (A++)	6,11 (A++)	5,86 (A+)	5,86 (A+)	
	SCOP		3,80 (A)	3,91 (A)	3,97 (A)	3,98 (A)	
Annual Energy Consumption - COOLING		kWh/a	549	557	738	742	
Annual Energy Consumption - HEATING		kWh/a	2750	2228	2995	2976	
Indoor Unit							
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-230/50/60	
Treated air volume	H/M/L/Q	m3/h	1600/1400/1280/1160	1600/1400/1280/1160	2050/1900/1600/1400	2050/1900/1600/1400	
High sound power		dB	61	63	64	64	
Sound pressure		dB(A)	47/43/41/37	47/43/41/37	46/43/41/38	46/43/41/38	
Net dimensions	WxDxH	mm	1325x230x680	1325x230x680	1650x230x680	1650x230x680	
Packaging dimensions	WxDxH	mm	1425x305x779	1425x305x779	1750x305x779	1750x305x779	
Net/gross weight		kg	33,5/41,9	33,5/41,9	43,0/51,0	43,0/51,0	
Outdoor Unit							
Power supply		Ph/V/Hz	1/220-240/50/60	3/380-415/50/60	1/220-240/50/60	3/380-415/50/60	
Power cable		N x mm2	3 x 4,0	5 x 4,0	3 x 6,0	5 x 4,0	
Interconnection cable		N x mm2	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5	
Sound power	H	dB	66	68	72	72	
Sound pressure	H	dB(A)	53	54	58	58	
Running current cooling/heating	Max	A	16,5	6,8	26,0	10,0	
Starting current cooling/heating	Max	A	3,0	1,0	4,0	2,0	
Net dimensions	WxDxH	mm	920x372x765	920x372x765	950x370x965	950x370x965	
Packaging dimensions	WxDxH	mm	1036x478x820	1085x485x830	1050x485x1130	1050x485x1130	
Net/gross weight		kg	60,0/65,0	61,0/66,0	84,0/89,0	85,0/90,0	
Compressor type			Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	
Installation data							
Refrigerant			R32	R32	R32	R32	
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	
Standard pipe length without refrigerant charge		m	30	30	30	30	
Maximum pipe length		m	50	50	50	50	
Maximum IU - OU elevation		m	30	30	30	30	
Refrigerant charge in the factory		kg	1,70	1,70	2,30	2,30	
Refrigerant charge in the factory		TCO2eq	1,15	1,15	1,55	1,55	
Additional ref. charge over std length		g/m	45	45	45	45	
Operating limits - COOLING (in/out)	min-max	°C	-20-46	-20-46	-20-46	-20-46	
Operating limits - HEATING (in/out)	min-max	°C	-20-24	-20-24	-20-24	-20-24	

	AC140S2SK2FA(H)	AC140S2SK2FA(H)	AC140S2SK2FA(H)	AC140S2SK2FA(H)	AC160S2SK2FA(H)
	1U140S2SN1FA	1U140S2SN1FB	1U140S2SP2FA	1U140S2SP2FB	1U160S2SP1FB
	13,4 (3,5 -14,0)	13,4 (3,5-14,0)	13,6 (4,0-15,0)	13,6 (4,0-15,0)	16,0 (4,5-16,5)
	15,0 (4,0-15,5)	15,0 (4,0-15,5)	15,0 (4,5-16,0)	15,0 (4,5-16,0)	17,0 (5,0-18,0)
	5,23(1,0-6,5)	5,13(1,0-6,5)	4,53(1,0-6,0)	4,53(1,0-6,0)	5,39(1,0-6,5)
	5,08(1,0-6,5)	4,97(1,0-6,5)	4,17(1,0-6,0)	4,29(1,0-6,0)	4,97(1,0-6,5)
	2,56	2,61	3	3	2,97
	2,95	3,02	3,6	3,5	3,42
	13,4	13,4	13,6	13,6	16
	8,5	8,5	10	10	11
	5,92 (A+)	5,97 (A+)	6,16 (A++)	6,18 (A++)	6,10 (A+)
	3,97 (A)	4 (A+)	4,06 (A+)	4,06 (A+)	4,06 (A+)
	792	786	761	759	924
	2995	2976	3791	3791	3791
	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
	2150/1980/1800/1600	2150/1980/1800/1600	2150/1980/1800/1600	2150/1980/1800/1600	2250/2000/1850/1650
	66	66	66	66	67
	48/46/43/40	48/46/43/40	48/46/43/40	48/46/43/40	48/46/43/40
	1650x230x680	1650x230x680	1650x230x680	1650x230x680	1650x230x680
	1750x305x779	1750x305x779	1750x305x779	1750x305x779	1750x305x779
	43/51	43/51	43/51	43/51	43/51
	1/220-240/ 50/60	3/380-415/ 50/60	1/220-240/50/60	3/380-415/50/60	3/380-415/50/60
	3 x 6,0	5 x 4,0	5 x 6,0	5 x 4,0	5 x 4,0
	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5	4 x 2,5
	72	72	70	70	72
	58	58	53	53	58
	30,0	10,0	32,0	10,0	10,0
	5,0	2,0	6,0	2,0	2,0
	950x370x965	950x370x965	950x370x1350	950x370x1350	950x370x1350
	1050x485x1130	1050x485x1130	1050x485x1500	1050x485x1500	1050x485x1500
	84/89	85/90	105/118	101/116	101/116
	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter
	R32	R32	R32	R32	R32
	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	19,05 (3/4)
	30	30	30	30	30
	70	70	70	70	70
	30	30	30	30	30
	2,3	2,3	2,9	3,5	3,5
	1,55	1,55	1,96	2,36	2,36
	45	45	45	45	60
	-20-46	-20-46	-20-46	-20-46	-20-46
	-20-24	-20-24	-20-24	-20-24	-20-24

CEILING FLOOR

MODEL	Indoor NEW		AC71S2SG2FA(H)	AC105S2SH2FA(H)	AC125S2SK2FA(H)	
	Outdoor NEW		1U71S2SR3FA	1U105S2SQ1FA	1U125S2SN3FA	
Performance data						
Output power - COOLING	nom (min-max)	kW	7,10 (2,00-8,20)	9,50 (2,50-10,00)	12,40 (3,00-13,00)	
Output power - HEATING	nom (min-max)	kW	7,80 (2,50-8,50)	10,50 (3,00-12,50)	13,50 (4,00-15,50)	
Absorbed power - COOLING	nom (min-max)	kW	2,21 (0,50-4,00)	3,11 (0,50-4,00)	4,13 (1,00-6,00)	
Absorbed power - HEATING	nom (min-max)	kW	2,10 (0,50-4,00)	3,15 (0,50-4,00)	3,85 (1,00-6,00)	
Energy class	EER	W/W	3,23	3,25	3,00	
	COP	W/W	3,71	3,71	3,50	
COOLING Pdesign	35 °C	kW	7,10	9,50	12,30	
HEATING Pdesign	(-10 °C)	kW	5,00	7,20	8,30	
Energy class	SEER		6,20 (A++)	6,20 (A++)	6,10 (A++)	
	SCOP		4,00 (A+)	4,05 (A+)	4,00 (A+)	
Annual Energy Consumption - COOLING		kWh/a	406	653	736	
Annual Energy Consumption - HEATING		kWh/a	1831	2898	3003	
Indoor Unit						
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	
Treated air volume	H/M/L/Q	m3/h	1250/1128/930/840	1600/1400/1280/1160	2050/1900/1600/1400	
High sound power		dB	61	63	64	
Sound pressure		dB(A)	43/40/38/35	46/43/41/37	47/43/41/38	
Net dimensions	WxDxH	mm	1325x230x680	1325x230x680	1650x230x680	
Packaging dimensions	WxDxH	mm	1425x305x779	1425x305x779	1750x305x779	
Net/gross weight		kg	33,5/41,9	33,5/41,9	43,0/51,0	
Outdoor Unit						
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	
Power cable		N x mm2	3 x 4,0	3 x 4,0	3 x 6,0	
Interconnection cable		N x mm2	4 x 2,5	4 x 2,5	4 x 2,5	
Sound power	H	dB	68	68	72	
Sound pressure	H	dB(A)	54	54	58	
Running current cooling/heating	Max	A	13,1	16,5	26,0	
Starting current cooling/heating	Max	A	2,0	3,0	4,0	
Net dimensions	WxDxH	mm	890x340x700	950x370x815	950x370x965	
Packaging dimensions	WxDxH	mm	985x430x720	1085x465x850	1050x485x1130	
Net/gross weight		kg	37,0/42,0	56,0/60,0	63,0/73,0	
Compressor type			Twin rotary inverter	Twin rotary inverter	Twin rotary inverter	
Installation data						
Refrigerant			R32	R32	R32	
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	
Standard pipe length without refrigerant charge		m	10	30	30	
Maximum pipe length		m	50	50	50	
Maximum IU - OU elevation		m	30	30	30	
Refrigerant charge in the factory		kg	1,30	1,70	2,30	
Refrigerant charge in the factory		TCO2eq	0,87	1,15	1,55	
Additional ref. charge over std length		g/m	45	45	45	
Operating limits - COOLING (in/out)	min-max	°C	-20-46	-20-46	-20-46	
Operating limits - HEATING (in/out)	min-max	°C	-20-24	-20-24	-20-24	

	AC125S2SK2FA(H) 1U125S2SN3FB	AC140S2SK2FA(H) 1U140S2SN2FA	AC140S2SK2FA(H) 1U140S2SN2FB
	12,40 (3,00-13,00)	13,4 (3,5 -14,0)	13,4 (3,5-14,0)
	13,50 (4,00-15,50)	15,0 (4,0-15,5)	15,0 (4,0-15,5)
	4,13 (1,00-6,00)	5,23(1,0-6,5)	5,13(1,0-6,5)
	3,85 (1,00-6,00)	5,08(1,0-6,5)	4,97(1,0-6,5)
	3,00	2,61	2,61
	3,50	3,05	3,05
	12,30	13,40	13,40
	8,30	8,50	8,50
	6,10 (A++)	5,97 (A+)	5,97 (A+)
	4,00 (A+)	4,00 (A+)	4,00 (A+)
	736	792	792
	3003	2995	2995
	1/220-230/50/60 2050/1900/1600/1400	1/220-240/50/60 2150/1980/1800/1600	1/220-240/50/60 2150/1980/1800/1600
	64	66	66
	47/43/41/38	48/46/43/40	48/46/43/40
	1650x230x680	1650x230x680	1650x230x680
	1750x305x779	1750x305x779	1750x305x779
	43,0/51,0	43/51	43/51
	3 /380-415/ 50/60	1 /220-240/ 50/60	3 /380-415/ 50/60
	3 x 6,0	3 x 6,0	5 x 4,0
	4 x 2,5	4 x 2,5	4 x 2,5
	72	74	74
	58	58	58
	26,0	30,0	10,0
	4,0	5,0	2,0
	950x370x965	950x370x965	950x370x965
	1050x485x1130	1050x485x1130	1050x485x1130
	63,0/73,0	68,0/78,0	68,0/78,0
	Twin rotary inverter	Twin Rotary Inverter	Twin Rotary Inverter
	R32	R32	R32
	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
	30	30	30
	50	70	70
	30	30	30
	2,30	2,50	2,50
	1,55	1,68	1,68
	45	45	45
	-20-46	-20-46	-20-46
	-20-24	-20-24	-20-24