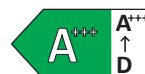


Haier

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



Integrated
Wi-Fi Control



Please see pages 31 & 32
For Controller Options



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



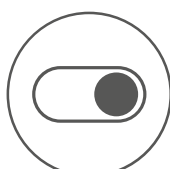
Flow +



5 Speed Fan



Fresh Air



On-Off Card



UVC
Sterilisation

EN-378 Install Values	
(≥AC71) CEILING	
m (kg)	Sup. (m²)
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

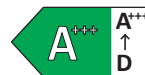
EN-378 Install Values	
(≥AC71) FLOOR	
m (kg)	Sup. (m²)
1,225	12,9
1,4	16,8
1,6	22,0
1,8	27,8
2,0	34,3
2,2	41,5
2,4	49,4
2,6	58,0
2,8	67,3
3,0	77,2

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	m3/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 mm2	3 x 1,5	3 x 1,5	3 x 1,5	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
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		TCO2eq	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



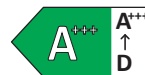
CEILING FLOOR



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)	12,4 0 (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	

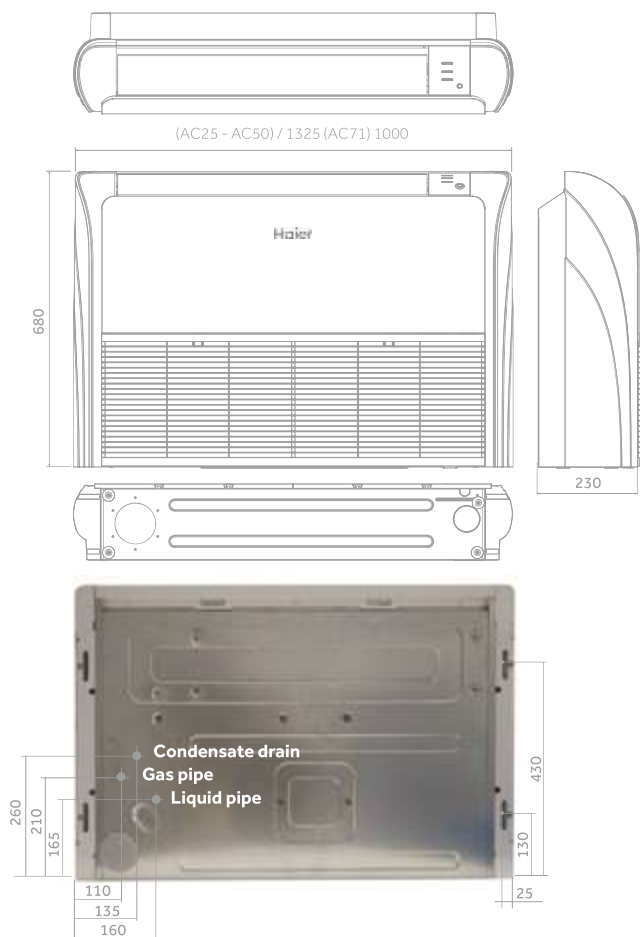
	AC125S2SK2FA(H)	AC140S2SK2FA(H)	AC140S2SK2FA(H)
	1U125S2SN3FB	1U140S2SN2FA	1U140S2SN2FB
	12,4 0 (3,00-13,00)	13,4 (3,5 -14,0)	13,4 (3,5-14,0)
	13,50 (4,00-15,50)	15,0 (4,0-15,5)	15,0 (4,0-15,5)
	4,13 (1,00-6,00)	5,23(1,0-6,5)	5,13(1,0-6,5)
	3,85 (1,00-6,00)	5,08(1,0-6,5)	4,97(1,0-6,5)
	3,00	2,61	2,61
	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	1/220-240/50/60	1/220-240/50/60
	2050/1900/1600/1400	2150/1980/1800/1600	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

CEILING FLOOR

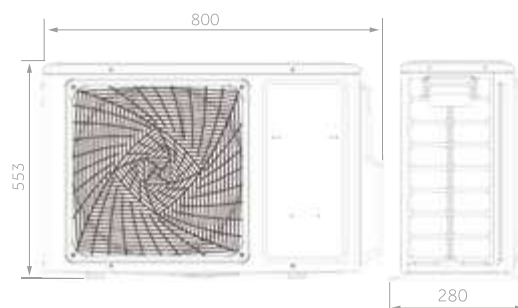
TECHNICAL ILLUSTRATIONS

CEILING FLOOR

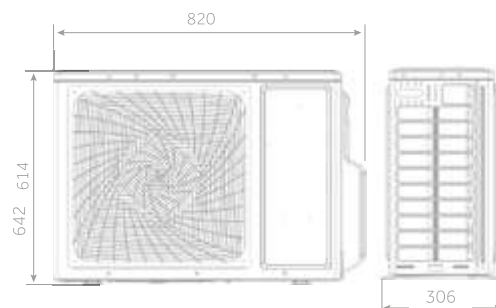
AC25 / AC35 / AC50 / AC71



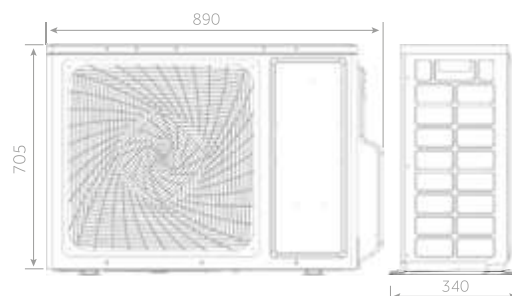
1U25 / 1U35



1U50

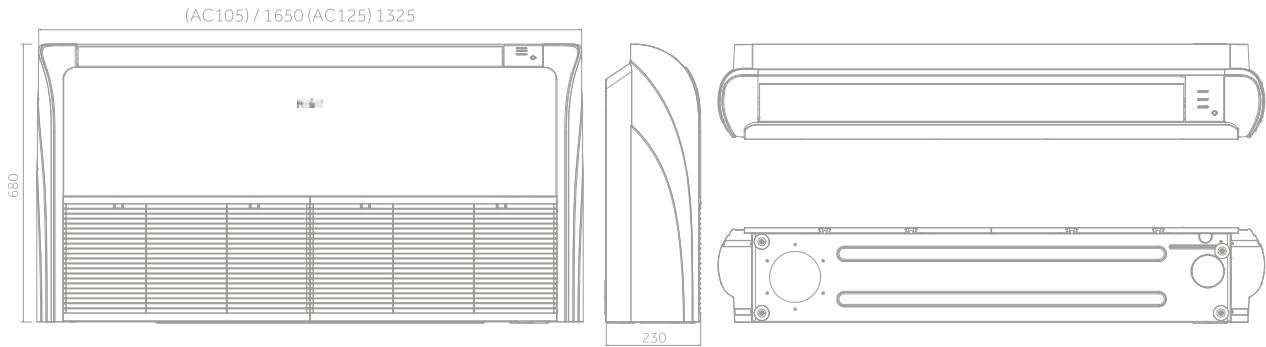


1U71

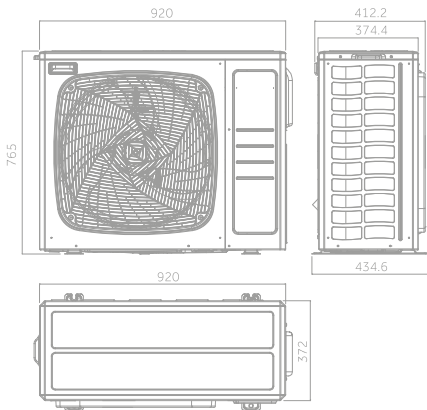


CEILING FLOOR

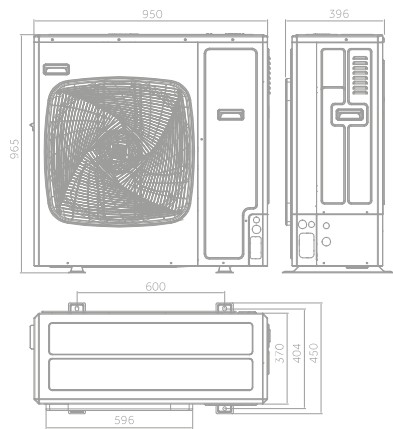
AC105 / AC125



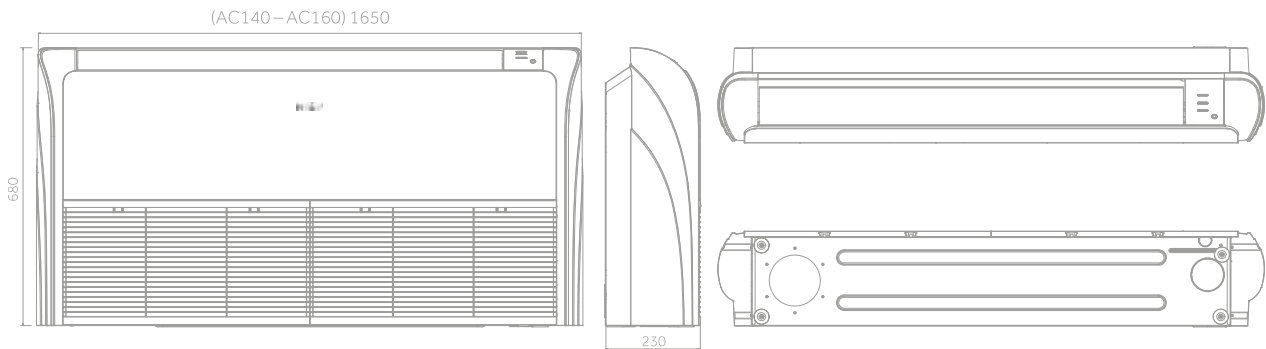
1U105



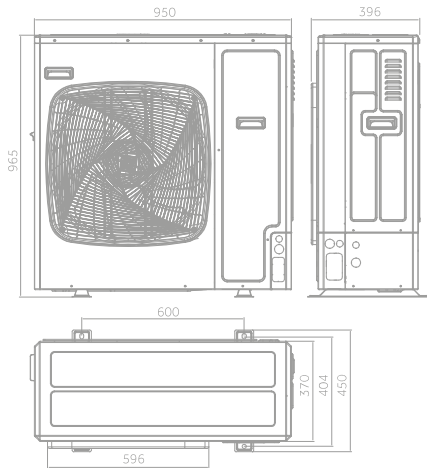
1U125



AC140 / AC160



1U140



1U140 / 1U160

