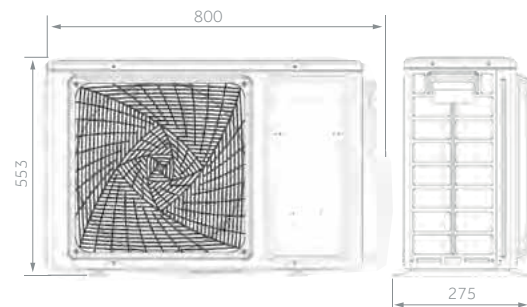
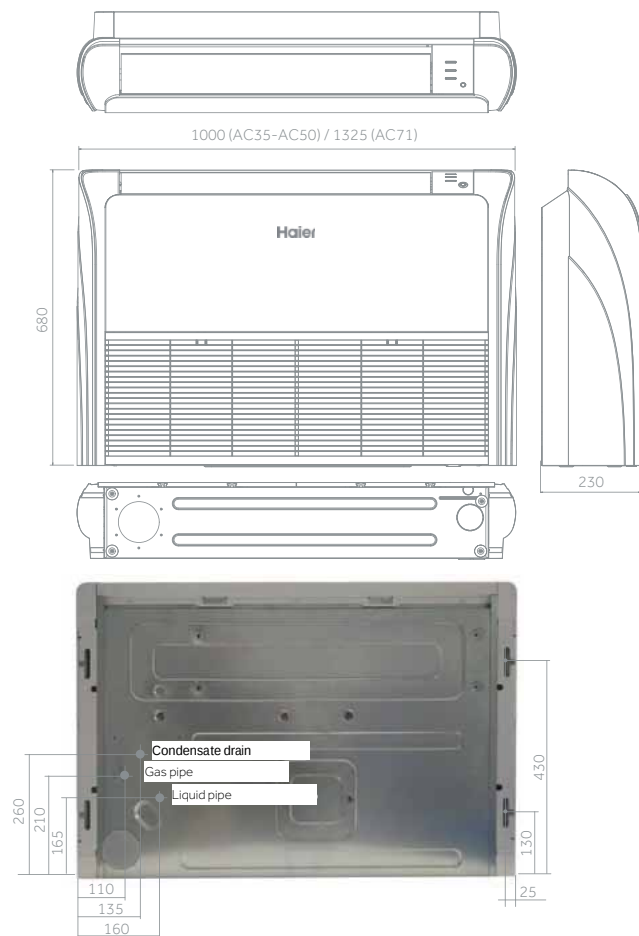


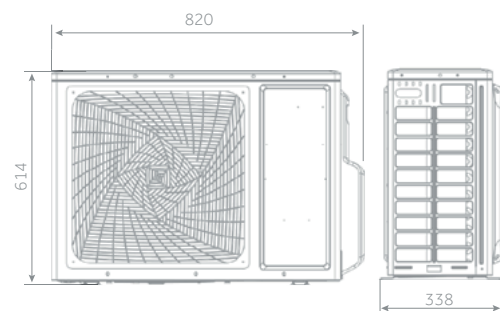


AC35 - AC50 - AC71

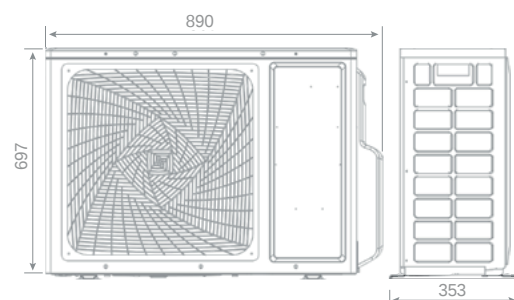
1U35



1U50



1U71



3.5 kW

5.0 kW

7.1 kW

Commercial R32 CEILING FLOOR

Haier



(AC71S2SG1FA only)

3.5 kW

5.0 kW

7.1 kW

OPTIONAL CONTROL



Silence



Flow +



5 Speed



Fresh Air



On-Off Card

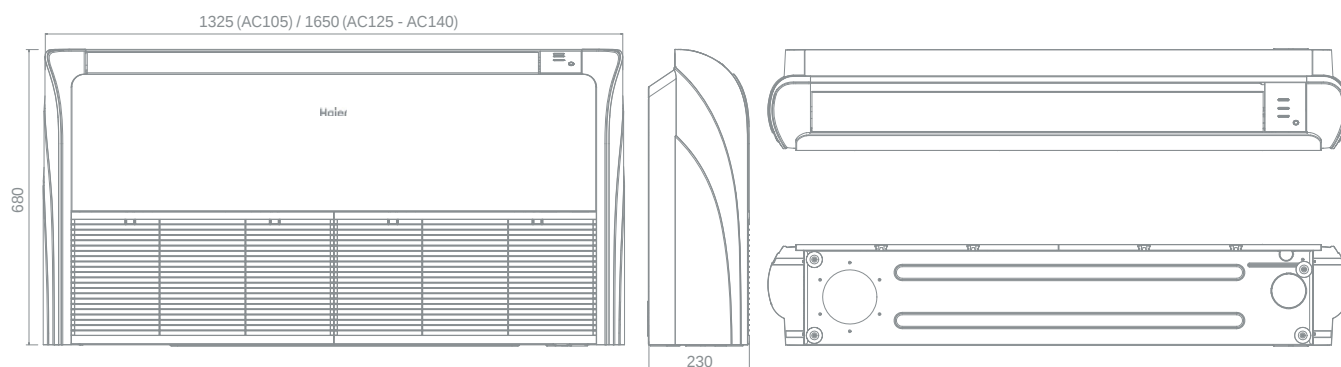
- Low noise level
- Flow +: Internal deflectors are divided into two groups with independent motors (independent right-left airflow)
- 5 fan speed: turbo, high, medium, low, super low (only with YR-HBS01 or wired controller)
- 'Fresh air' knockout is incorporated in the chassis to allow fresh air introduction of up to 20% of nominal unit air flow without compromising the cooling capacity. More than 20% of the air conditioner's thermal cooling capacity is penalise.

INDOOR UNIT	Model		AC35S2SG1FA	AC50S2SG1FA	AC71S2SG1FA
OUTDOOR UNIT	Model		1U35S2SM1FA	1U50S2SJ2FA	1U71S2SR2FA
Performance data					
Output power – COOLING	nom (min-max)	kW	3.5 (1.0 - 4.3)	5.0 (1.4 - 5.7)	7.1 (2.0 - 7.3)
Output power - HEATING	nom (min-max)	kW	4.0 (1.0 - 5.3)	5.8 (1.4 - 6.0)	7.5 (2.5 - 8.0)
Absorbed power - COOLING	nom (min-max)	kW	0.88 (0.3 - 1.5)	1.45 (0.5 - 2.0)	2.20 (0.5 - 3.0)
Absorbed power - HEATING	nom (min-max)	kW	1.08 (0.5 - 1.6)	1.56 (0.52 - 2.35)	2.02 (0.5 - 3.0)
Energy class	EER	w/w	3.81	3.48	3.23
	COP	w/w	3.73	3.73	3.71
COOLING Pdesign	35 °C	kW	3.5	5.0	7.1
HEATING Pdesign	(-10 °C)	kW	3	4.4	5
Energy class	SEER		8.5 (A+++)	7.31 (A++)	6.1 (A++)
	SCOP		4.47 (A+)	4.1 (A+)	3.8 (A)
Annual Energy Consumption - COOLING		kWh/y	146	240	407
Annual Energy Consumption - HEATING		kWh/y	945	1491	1832
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	m³/h	750/620/500/400	880/750/650/500	1250/1128/930/840
Dehumidification		L/h	1.6	1.8	2.5
High sound power - COOLING		dB	53	57	61
High sound power - HEATING		dB	53	57	62
Sound pressure - COOLING		dB(A)	39/36/33	44/41/38	43/40/38/35
Sound pressure -HEATING		dB(A)	39/36/33	44/41/38	41/38/36/33
Net dimensions	WxDxH	mm	1000x230x680	1000x230x680	1325x230x680
Net weight		Kg	26	26	33.5
Outdoor Unit					
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
Sound power	H	dB	61	63	67
Sound pressure	H	dB(A)	48	51	54
Absorbed current	max	A	7.2	10.9	13.1
Net dimensions	WxDxH	mm	800x275x553	820x338x614	890x353x697
Net weight		Kg	31.5	37.8	45
Compressor type			Inverter twin rotary		
Compressor brand			Mitsubishi		
Installation data					
Refrigerant			R32	R32	R32
Liquid pipe	Ø	mm	6.35	6.35	9.52
Gas pipe	Ø	mm	9.52	12.7	15.88
Standard pipe length without refrigerant charge		m	7	7	10
Maximum pipe length		m	15	25	50
Maximum IU - OU elevation		m	10	15	30
Refrigerant charge in the factory		Kg	0.94	0.95	1.3
Equivalent tons of CO ₂		kg/tCO ₂ EQ	1.01	1.55	1.55
Additional charge ref. beyond std. length		g/m	45	45	45
Operating limits - COOLING	min-max	°C	21-35°C (in) / -10-43°C (out)		21-35°C (in) / -10-46°C (out)
Operating limits - HEATING	min-max	°C	10-27°C (in) / -15-24°C (out)		10-27°C (in) / -15-24°C (out)

COMMERCIAL R32

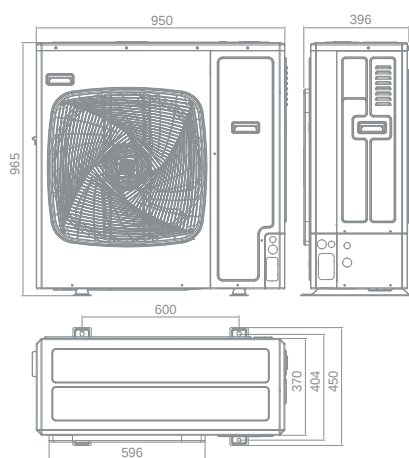
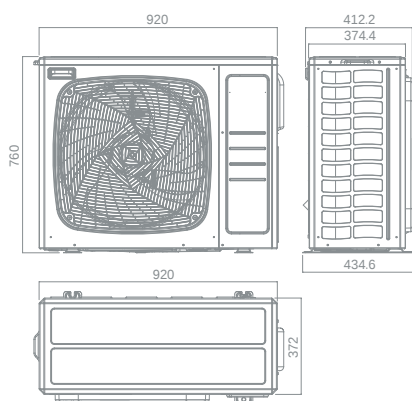


AC105 - AC125



1U105

1U125



10,5 kW



12,5 kW

Commercial R32 CEILING FLOOR

Haier

10.5 kW

12.5 kW

OPTIONAL CONTROL



Quiet



Flow +



5 Speed



Fresh Air



On-Off Card

[≥AC71] CEILING		[≥AC71] FLOOR	
m (kg)	Sup. (m²)	m (kg)	Sup. (m²)
1.225	0.95	1.225	12.9
1.4	1.25	1.4	16.8
1.6	1.63	1.6	22.0
1.8	2.07	1.8	27.8
2.0	2.55	2.0	34.3
2.2	3.09	2.2	41.5
2.4	3.68	2.4	49.4
2.6	4.31	2.6	58.0
2.8	5.00	2.8	67.3
3.0	5.74	3.0	77.2

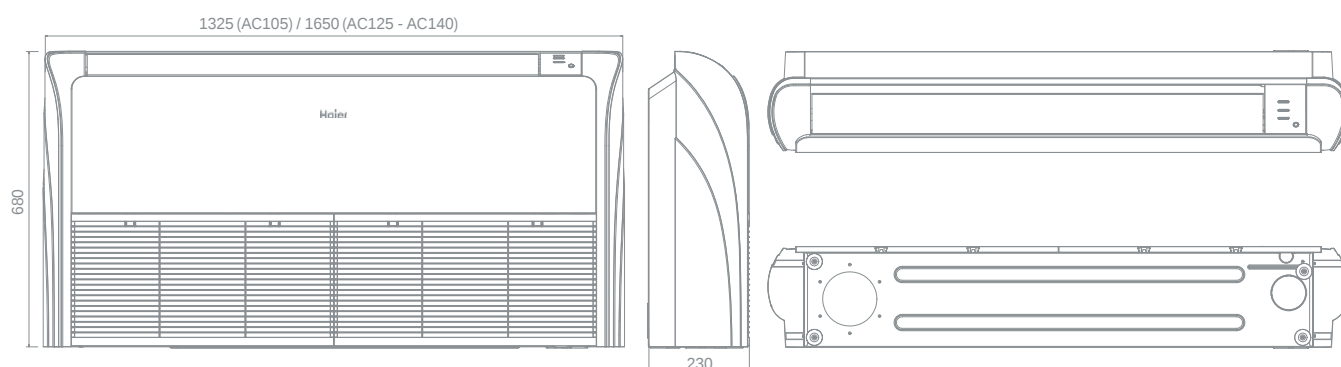
- Low noise level
- Flow +: Internal deflectors are divided into two groups with independent motors (independent right-left airflow)
- 5 fan speed: turbo, high, medium, low, super low (only with YR-HBS01 or wired controller)
- 'Fresh air' knockout is incorporated in the chassis to allow fresh air introduction of up to 20% of nominal unit air flow without compromising the cooling capacity. More than 20% of the air conditioner's thermal cooling capacity is penalise.

INDOOR UNIT			Model	AC105S2SH1FA	AC105S2SH1FA	AC125S2SK1FA	AC125S2SK1FA
OUTDOOR UNIT			Model	1U105SS1FB	1U105S2SS1FB	1U125S2SN2FA	1U125S2SN2FB
Performance data							
Output power – COOLING	nom (min-max)	kW		9.5 (2.5 - 10.0)	9.5 (2.5 - 10.0)	12.3 (3.0 - 13.0)	12.4 (3.0 - 13.0)
Output power - HEATING	nom (min-max)	kW		10.2 (3.0 - 10.5)	10.2 (3.0 - 10.5)	12.7 (3.5 - 13.5)	12.8 (3.5 - 13.5)
Absorbed power - COOLING	nom (min-max)	kW		3.13 (0.5 - 4.0)	3.22 (0.5 - 4.0)	4.54 (1.0 - 6.0)	4.53 (1.0 - 6.0)
Absorbed power - HEATING	nom (min-max)	kW		3.07 (0.5 - 4.0)	3.16 (0.5 - 4.0)	3.96 (1.0 - 6.0)	3.93 (1.0 - 6.0)
Energy class	EER			3.04	2.96	2.71	2.74
	COP			3.32	3.32	3.21	3.26
COOLING Pdesign	capacity (35°)	kW		9.5	9.5	12.3	12.4
HEATING Pdesign	capacity (-10°)	kW		7	7.0	8.0	8.0
Energy class	SEER			6.11 (A++)	6.11 (A++)	5.86	5.86
	SCOP			3.8 (A)	3.8 (A)	3.98	3.98
Annual Energy Consumption - COOLING		kWh/y		549	549	738	742
Annual Energy Consumption - HEATING		kWh/y		2750	2750	2995	2976
Indoor Unit							
Power supply		Ph-V-Hz		1/220-240/50/60	1/220-240/50/60	3/220-240/50/60	1/220-240/50/60
Treated air volume	H / M / L	m³/h		1600/1400/1280/1160	1600/1400/1280/1160	2050/1900/1600/1400	2050/1900/1600/1400
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
Dimensions	WxDxH	mm		1325x230x680	1325x230x680	1650x230x680	1650x230x680
Net weight		Kg		33.5	33.5	43	43
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
Sound power		dB		66	66	72	72
Sound pressure		dB(A)		53	53	58	58
Dimensions	WxDxH	mm		920x372x760	920x372x760	950x370x965	950x370x965
Net weight		Kg		65	61	89	90
Compressor type				Inverter twin rotary			
Compressor brand				Mitsubishi			
Installation data							
Refrigerant				R32	R32	R32	R32
Liquid pipe	Ø	mm		9.52	9.52	9.52	9.52
Gas pipe	Ø	mm		15.88	15.88	15.88	15.88
Standard pipe length without refrigerant charge		m		30	30	30	30
Maximum pipe length		m		50	50	70	70
Refrigerant charge in the factory		Kg		1.7	30	30	30
Maximum IU - OU elevation		m		30	1.5	2.3	2.3
Equivalent tons of CO ₂		kg/tCO ₂ EQ		1.0	1.01	1.55	1.55
Additional charge ref. beyond std. length		g/m		45	45	45	45
Operating limits - COOLING		min-max	°C	(-10°C) ~ (46°C)			
Operating limits - HEATING		min-max	°C	(-15°C) ~ (24°C)			

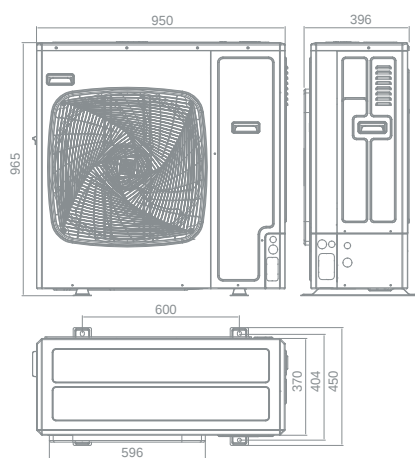
The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.



AC140 - AC160



1U140



NEW



14,0 kW



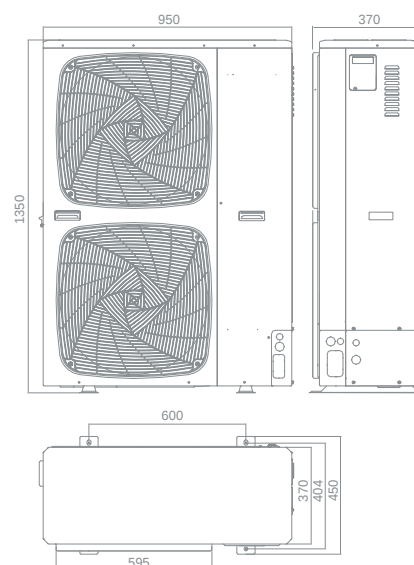
14,0 kW (IN ESAURIMENTO)

NEW



16,0 kW

1U140 - 1U160



Commercial R32 CEILING FLOOR

Haier

14.0 kW

16.0 kW

OPTIONAL CONTROL



Quiet



Flow +



5 Speed



Fresh Air



On-Off Card

[≥AC71] CEILING		[≥AC71] FLOOR	
m (kg)	Sup. (m²)	m (kg)	Sup. (m²)
1.225	0.95	1.225	12.9
1.4	1.25	1.4	16.8
1.6	1.63	1.6	22.0
1.8	2.07	1.8	27.8
2.0	2.55	2.0	34.3
2.2	3.09	2.2	41.5
2.4	3.68	2.4	49.4
2.6	4.31	2.6	58.0
2.8	5.00	2.8	67.3
3.0	5.74	3.0	77.2

- Low noise level
- Flow +: Internal deflectors are divided into two groups with independent motors (independent right-left airflow)
- 5 fan speed: turbo, high, medium, low, super low (only with YR-HBS01 or wired controller)
- 'Fresh air' knockout is incorporated in the chassis to allow fresh air introduction of up to 20% of nominal unit air flow without compromising the cooling capacity. More than 20% of the air conditioner's thermal cooling capacity is penalise.

INDOOR UNIT			Model	AC140S2SK1FA	AC140S2SK1FA	AC140S2SK1FA	AC140S2SK1FA	AC160S2SK1FA
OUTDOOR UNIT			Model	1U140S2SN1FA	1U140S2SN1FB	1U140S2SP2FA	1U140S2SP2FB	1U160S2SP1FB
Performance data								
Output power – COOLING		nom (min-max)	kW	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)
Output power - HEATING		nom (min-max)	kW	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)
Absorbed power - COOLING		nom (min-max)	kW	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)
Absorbed power - HEATING		nom (min-max)	kW	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)
Energy class		EER		2.56	2.61	3.00	3.00	2.97
		COP		2.95	3.02	3.60	3.50	3.42
COOLING Pdesign		capacity (35°)	kW	13.4	13.4	13.6	13.6	15.0
HEATING Pdesign		capacity (-10°)	kW	8.5	8.5	10.0	10.0	11.0
Energy class		SEER		5.92	5.97	6.16	6.18	6.06
		SCOP		3.97	4.00	4.06	4.06	4.06
Annual Energy Consumption - COOLING			kWh/y	792	786	761	759	924
Annual Energy Consumption - HEATING			kWh/y	2995	2976	3791	3791	3791
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	m³/h	2150/1980/ 1800/1600	2150/1980/ 1800/1600	2150/1980/ 1800/1600	2150/1980/ 1800/1600	2250/2000/ 1850/1650
Sound power			dB	66	66	66	66	67
Sound pressure			dB(A)	48/46/43/40	48/46/43/40	48/46/43/40	48/46/43/40	48/46/43/40
Dimensions		WxDxH	mm	1650x230x680	1650x230x680	1650x230x680	1650x230x680	1650x230x680
Net weight			Kg	43	43	43	43	43
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	3/380-415/50/60
Sound power			dB	72	72	70	72	72
Sound pressure			dB(A)	58	58	53	58	58
Dimensions		WxDxH	mm	950x370x965	950x370x965	950x370x1350	950x370x1350	950x370x1350
Net weight			Kg	89	90	105	101	101
Compressor type				Inverter twin rotary				
Compressor brand				Mitsubishi				
Installation data								
Refrigerant				R32	R32	R32	R32	R32
Liquid pipe		Ø	mm	9.52	9.52	9.52	9.52	9.52
Gas pipe		Ø	mm	15.88	15.88	15.88	15.88	19.05
Standard pipe length without refrigerant charge			m	30	30	30	30	30
Maximum pipe length			m	70	70	75	70	70
Refrigerant charge in the factory			Kg	30	30	30	30	30
Maximum IU - OU elevation			m	2.3	2.3	2.9	3.5	3.5
Equivalent tons of CO ₂			kg/tCO ₂ EQ	1.55	1.55	1.9	1.9	1.9
Additional charge ref. beyond std. length			g/m	45	45	45	45	45
Operating limits - COOLING		min-max	°C	(-10°C) ~ (46°C)		(-10°C) ~ (50°C)		
Operating limits - HEATING		min-max	°C	(-15°C) ~ (24°C)		(-20°C) ~ (24°C)		(-15°C) ~ (24°C)

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