



Flair

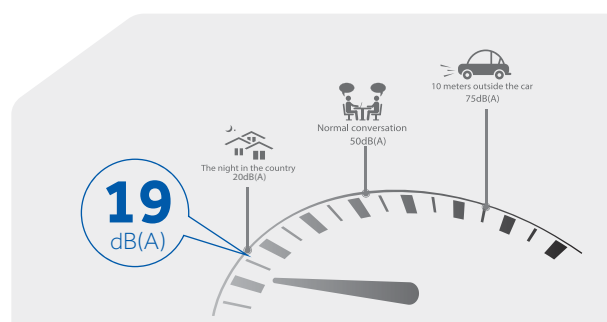
A+++ / A++

Whispering Air Quiet to **19dB(A)**



Whispering Air

Optimize the noise control technology, such as the compressor frequency adjustment, fan speed control and air flue design decreasing the noise level even lowest to 19dB(A) with the specialized QUIET setting. (refer to 9k)



Easy Installation

Advanced technology of component, system and control to make comfort easier for professional customers/users.



Wi-Fi Control (Optional)

Control your air conditioning system with smart phone or tablet, which can connect internet.



Key Features



Whispering Air



Easy Installation



Wi-Fi control
(Optional)



3D Airflow



On-Off Card

Features

- Comfortable Sleep
- Easy Support Clip
- Easy & Quick Repair Motor
- 2-way Piping Design



AS20S2SF2FA
AS71S2SF2FA

AS25S2SF2FA

AS35S2SF2FA

AS50S2SF2FA



Outdoor



Remote Controller



USB Wi-Fi



Wired Controller

Model		Indoor	AS20S2SF2FA	AS25S2SF2FA	AS35S2SF2FA	AS50S2SF2FA	AS71S2SF2FA
		Outdoor	1U25S2SM1FA	1U35S2SM1FA	1U50S2S1J2FA		
Cooling Capacity	Nominal (Min.-Max.)	Btu/h	Multi Connection Only	8870(2730-10920)	11940(3410-13650)	17740 (4770-23890)	23890 (7510-25600)
	Nominal (Min.-Max.)	kW		2.6(0.8-3.2)	3.5(1.0-4.0)	5.2 (1.4-7.0)	7.0 (2.2-7.5)
Energy efficiency(average climate)	SEER/EER	Energy Saving		8.50/4.00	8.5/4.00	7.2/3.68	7.1/3.23
Energy class - Cooling				A+++	A+++	A++	A++
Cooling Pdesign capacity(35°C)		kW		2.6	3.5	5.2	7
Power input - Cooling	Nominal (Min.-Max.)	kW		0.65(0.2-1.5)	0.88(0.3-1.5)	1.41(0.5-2.0)	2.18 (0.7-2.9)
Annual energy consumption - Cooling		kWh/a		107	144	246	345
Heating Capacity	Nominal (Min.-Max.)	Btu/h		10920(2730-14330)	14330(3410-17740)	20470 (4770-23540)	27300 (8190-29000)
	Heating @ -7°C	Btu/h		7200	8395	13790	16790
	Nominal (Min.-Max.)	kW		3.2(0.8-4.2)	4.2(1.0-5.2)	6.0 (1.4-6.9)	8.0 (2.4-8.5)
	Heating @ -7°C	kW		2.11	2.46	4.04	4.92
Energy efficiency	SCOP/COP(Average climate)	Energy Saving		4.60/4.00	4.60/3.81	4.60/4.00	4.00/3.71
	SCOP(Warm/Cold climate)			5.50/-	5.50/-	5.60/-	5.40/-
Energy class - Heating	Average/warm/cold			A++/A+++/-	A++/A+++/-	A++/A+++/-	A+/A+++/-
Heating Pdesign capacity (-10°C)		kW		2.4	2.8	4.6	5.6
Power input - Heating	Nominal (Min.-Max.)	kW		0.8(0.3-1.6)	1.1(0.5-1.6)	1.61 (0.52-2.35)	2.156 (0.7-2.9)
Annual energy consumption - Heating		kWh/a		730	856	1399	1959
Operating limits (cooling)	Min.-Max.	°C		21-35°C(in)/-10-43°C(out)	21-35°C(in)/-10-43°C(out)	21-35°C(in)/-10-43°C(out)	21-35°C(in)/-10-43°C(out)
Operating limits (heating)	Min.-Max.	°C		10-27°C(in)/-15-24°C(out)	10-27°C(in)/-15-24°C(out)	10-27°C(in)/-15-24°C(out)	10-27°C(in)/-15-24°C(out)
Power supply	Ph/V/Hz			1/230/50	1/230/50	1/230/50	1/230/50
Power supply (position)				outdoor	outdoor	outdoor	outdoor
40HFCL (set)	*just for reference			204	204	162	132
Indoor							
Net dimension	W/D/H	mm	866/196/301	870/196/301	870/196/301	1009/223/327	1126/230/337
Package dimension	W/D/H	mm	952/283/389	952/283/389	952/283/389	1085/296/405	1187/301/417
Net/Shipping weight		kg	-	9.5/12	9.5/12	11.9/14.9	15.2/18.2
Air flow(cooling/heating)	Max.	m³/h	-	600	650	900	1100
Sound power level	Cooling (Hi)	dB	-	53	55	57	60
	Heating (Hi)	dB	-	53	55	57	60
Sound pressure level	Cooling (Hi/Mid/L0/So)	dB(A)	-	38/32/25/19	39/33/26/22	41/37/33/31	47/43/37/33
	Heating (Hi/Mid/L0/So)	dB(A)	-	38/32/25/19	39/33/26/22	41/37/33/31	47/43/37/33
Moisture removal		10³m³/h	-	1.2	1.6	2	2.8
Outdoor							
Compressor				Panasonic	Hitachi	Mitsubishi	Mitsubishi
Net dimension	W/D/H	mm		800/280/550	800/280/550	820/338/614	860/308/730
Package dimension	W/D/H	mm		954/409/625	954/409/625	963/413/685	995/420/815
Net/Shipping weight		kg		29/31.5	31.5/34	37.8/41.5	49/52
Air flow(cooling/heating)	Max.	m³/h		1600	1800	2500	3000
Sound power level	Hi	dB		59	61	63	70
Sound pressure level	Hi	dB(A)		47	48	51	57
Running current	Max.	A		7.2	7.2	10.9	13
Refrigerant type				R32	R32	R32	R32
Refrigerant charge	R410A/R32	g		650	940	950	1300
Refrigerant pipe	Liquid side diameter	mm / inch		6.35	6.35	6.35	9.52
	Gas side diameter	mm / inch		9.52	9.52	12.7	15.88
	Max. pipe length/height	m		15/10	15/10	25/15	25/15
	Max. pipe length without additional charge	m		7	7	7	7
	additional charge	g/m		20	20	20	50

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)
For detailed information about ERP, please visit: our page <http://www.haier.com/ecodesign>.