

1 Features

For wide rooms with no false ceilings nor free floor space

- Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- Can easily be installed in both new and refurbishment projects
- Unified indoor unit range for R-32 and R-410A
- Combining with R-32 Bluevolution technology, reduces environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has up to lower 16% refrigerant charge
- Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- Reduced energy consumption thanks to specially developed DC fan motor
- 5 different fan speeds available for maximum comfort
- Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



Infrastructure cooling



Home leave operation



Fan only



Auto cooling-heating changeover



Vertical auto swing



Fan speed steps



Dry programme



Air filter



Weekly timer



Infrared remote control



Wired remote control



Centralised control



Online controller via app



Auto-restart



Self diagnosis



Drain pump kit



Twin/triple/double twin application



Multi model application

2 Specifications

2-1 Technical Specifications				FHA35A9	FHA50A9	FHA60A9	FHA71A9	FHA100A	FHA125A	FHA140A	
Casing	Colour			White							
	Material			Resin, sheet metal							
Dimensions	Unit	Height/Width/Depth	mm	235/960/690		235/1,270/690		235/1,590/690			
	Packed unit	Height/Width/Depth	mm	340/1,116/858		349/1,426/878		349/1,746/878			
Weight	Unit		kg	24	25	31	32	38.0			
	Packed unit		kg	38	39	52	54	61			
Heat exchanger	Fin	Type		ML fin (Anti Corrosion Hydrophilic)							
Air filter	Type			Resin net							
Fan	Type			Sirocco fan							
	Quantity			2		3		4			
	Air flow rate	Cooling	High	m³/min	14.0	15.0	19.5	20.5	28.0	31.0	34.0
				cfm	494	530	689	724	989	1,095	1,201
			Medium	m³/min	11.5 (1)	12.0 (1)	15.0 (1)	17.0 (1)	24.0 (1)	27.0 (1)	29.0 (1)
				cfm	406	424	530	600	848	953	1,024
			Low	m³/min	10.0		11.5	14.0	20.0	23.0	24.0
				cfm	353		406	494	706	812	848
		Heating	High	m³/min	14.0	15.0	19.5	20.5	28.0	31.0	34.0
				cfm	494	530	689	724	989	1,095	1,201
			Medium	m³/min	11.5 (1)	12.0 (1)	15.0 (1)	17.0 (1)	24.0 (1)	27.0 (1)	29.0 (1)
				cfm	406	424	530	600	848	953	1,024
			Low	m³/min	10.0		11.5	14.0	20.0	23.0	24.0
				cfm	353		406	494	706	812	848
Fan motor	Quantity			1							
	Model			KFD-280-87-8A		KFD-280-117-8A		EQDW01EDK			
	Speed	Steps		5							
	Output	High	W	60		91		150			
	Full load amps (FLA)	Cooling	A	0.6			0.8	1.2	1.6	1.8	
		Heating	A	0.6			0.8	1.2	1.6	1.8	
Sound power level	Cooling		dBA	53.0	54.0		55.0	60	62	64	
Sound pressure level	Cooling	High/Medium/Low	dBA	36.0/34.0 (1)/31.0	37.0/35.0 (1)/32.0	37.0/35.0 (1)/33.0	38.0/36.0 (1)/34.0	42/38 (1)/34	44/41 (1)/37	46/42 (1)/38	
	Heating	High/Nom./Medium	dBA	36.0/34.0/31.0	37.0/35.0/32.0	37.0/35.0/33.0	38.0/36.0/34.0	42/38/34	44/41/37	46/42/38	
Control systems	Infrared remote control			BRC7GA53 / BRC7GA56							
	Wired remote control			BRC1E53A7 / BRC1E53B7 / BRC1E53C7 / BRC1D528 / BRC1E51A7							
Refrigerant	Type			R-32 / R-410A							
Piping connections	Sound absorbing insulation			Not needed							
	Liquid	Type/OD	mm	Flare connection/6,4			Flare connection/9,5	Flare connection/9,52			
	Gas	Type/OD	mm	Flare connection/9.5	Flare connection/12.7		Flare connection/15.9				
	Drain			VP20							
	Heat insulation			Needed							
Safety devices	Item	01/02		Fuse (F, 5A, 250V)/Fan motor fuse (F,4A,500V)				Fuse (F, 5A, 250V)/-			

Standard Accessories : Thermal insulation tube; Quantity : 2;

Standard Accessories : Wire clamp material; Quantity : 7;

Standard Accessories : Hose band; Quantity : 1;

Standard Accessories : Drain hose; Quantity : 1;

Standard Accessories : Washer; Quantity : 8;

Standard Accessories : Sealing pad (large); Quantity : 1;

Standard Accessories : Sealing pad (small); Quantity : 1;

Standard Accessories : Resin bushing; Quantity : 1;

Standard Accessories : Screws; Quantity : 2;

Standard Accessories : Wiring fixture; Quantity : 2;