

Blower Inverter

EUHC-D 09 to 60 R

A complete range from 2.7 kW to 17.0 kW



Features

- Inverter DC compressor
- Air filter included
- Condensate pump optional
- Fresh air intake
- Indoor unit with centrifugal fan
- Large distances between indoor and outdoor units
- Indoor units with high pressure
- Quiet operation
- Wired control
- Infrared remote control
- Low Ambient Kit (available during 2011)
- **Blue fin protection (indoor and outdoor units)**



Wired control

- 5 operation modes (Cool/Heat/Auto/Dry/Fan)
- Sleep mode
- Room temperature setting
- Fan speed selection
- Timer
- LCD display



Remote controller

- Wireless
- 5 operation modes (Cool/Heat/Auto/Dry/Fan)
- Sleep mode
- Room temperature setting
- Fan speed selection
- Timer
- Air flow direction setting
- LCD display

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Technical features

Set reference		EUHC-D-R									
Indoor unit	Sizes	EUKC 09 DT	EUKC 12 DT	EUKC 18 DT	EUKC 24 DT	EUKC 30 DT	EUKC 36 DT	EUKC 42 DT	EUKC 48 DT	EUKC 60 DT	
Outdoor unit	Sizes	ENJC 09 DT	ENJC 12 DT	ENJC 18 DT	ENJC 24 DT	ENJC 30 DT	ENJC 36 DT	ENJC 42 DT	ENJC 48 DT	ENJC 60 DT	
Cooling capacity	kW	2.7 (1.2-3.0)	3.5 (1.6-3.6)	5.3 (1.6-5.8)	7.0 (2.0-7.7)	8.2 (2.7-8.3)	10.3 (3.5-11.5)	11.0 (3.5-13.0)	14.0 (4.9-14.1)	17.0 (4.0-17.5)	
Heating capacity	kW	2.9 (1.0-3.0)	3.8 (1.6-4.0)	6.2 (1.4-6.5)	7.5 (2.4-8.0)	8.8 (2.0-9.3)	11.5 (3.8-12.8)	12.4 (3.8-14.5)	16.5 (5.3-18.3)	18.0 (5.0-18.8)	
Compressor	Type	Rotary									
Refrigerant		R410A									
Power supply	V/Ph/Hz	230 / 1 / 50					230 / 1 / 50 or 400 / 3 / 50			400 / 3 / 50	
Power input	cooling	0.85	1.07	1.65	2.19	2.56	3.20	3.42	4.36	5.30	
	heating	0.75	0.97	1.70	2.08	2.44	3.06	3.43	4.50	5.00	
EER		3.50	3.25	3.21	3.20	3.20	3.21	3.21	3.21	3.20	
COP		4.00	3.90	3.61	3.60	3.61	3.75	3.61	3.67	3.60	
Energy Class	cooling	A	A	A	A	A	A	A	A	A	
	heating	A	A	A	A	A	A	A	A	A	
Indoor airflow (H/M/L)	m³/h	800/700/600	840/740/640	1000/800/600	1600/1400/1200	1500/1300/1100	2300/2110/1850	2300/2110/1850	2500/2300/2100	3150/2900/2600	
External static pressure	Pa	60	60	60	80	80	150	150	150	150	
Sound pressure at 1 m	Indoor (H/M/L)	40 / 38 / 36	37 / 35 / 33	45 / 42 / 39	47 / 44 / 42	47 / 44 / 42	53 / 50 / 46	53 / 50 / 46	53 / 50 / 46	54 / 51 / 48	
	Outdoor	53	54	57	59	59	61	61	61	63	
Dimensions	Indoor	H (mm)	250	266	266	268	268	290	290	330	385
		W (mm)	880	980	980	1 270	1 270	1 226	1 226	1 226	1 463
		D (mm)	665	721	721	530	530	775	775	815	799
	Outdoor	H (mm)	540	540	700	790	790	1 100	1 100	1 365	1 365
		W (mm)	776	776	955	980	980	1 107	1 107	1 085	1 085
		D (mm)	320	320	396	427	427	440	440	427	427
Net weight	Indoor unit	26	34	34	37	36	57	57	64	87	
	Outdoor unit	28	30	48	65	68	86	90	122	127	
Piping	Type of connection	Flare									
	Diameter	Gas	3/8"	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	3/4"
Liquid		1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	
Refrigerant charge	g	1 200	1 350	1 400	2 400	2 600	3 500	3 800	4 300	5 500	
Pipe run	Length	20	20	20	30	30	30	50	50	50	
	Height	15	15	15	15	15	15	30	30	30	
Operating limits - cooling mode	min/max	-10°C / +50°C									
Operating limits - heating mode	min/max	-15°C / +24°C									

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB

Nominal heating capacity based on : - Indoor Air Temp. 21°C DB - Outdoor Air Temp. 7°C DB/6°C WB

Piping length : 5 m with initial charge

Sizes 36 to 48: Values for single phase models

Accessories

Sizes	09	12	18	24	30	36	42	48	60
Condensate pump	Optional				-	Optional			-
Weekly timer					Optional				
Central control					Optional				