

PREVIEW
2020



Heating and cooling
fan coil units

A complete range

Baxi enlarges the product offer, introducing a complete range of hydronic fan units for heating and cooling systems, ideal for any domestic and commercial application. The fan coil units can be combined with the newest low temperature heating generators, such as condensing boilers and heating pumps.

Baxi fan coil range is made of four units:

IQWH
Wall-hung



IQC
Ceiling/Floor



IQK
Cassette



IQD
Duct



Wide range

With an air flow from 150 to more than 2000 m³/h, Baxi fan coil range can be installed in every domestic and commercial building.

Energy efficiency

Comfort, high efficiency and energy consumption are year-round granted thanks to the heating/cooling operation mode. DC inverter technology allows the maximum operating efficiency, with savings on consumptions up to 70% in comparison with standard fans.

Noiseless operation

Thanks to the high efficiency DC inverter fan, the vibrations are highly reduced to grant the maximum comfort of the users.

IQWH - wall-hung units



- Elegant and compact design
- Easy installation and servicing
- Noiseless operation for the maximum comfort
- Complete comfort control thanks to the INCLUDED remote control
- INCLUDED temperature control
- Frontal LED display
- Adjustable flaps for a pleasant air circulation in the room
- 2-pipe system
- INCLUDED 3-way valve
- Anti-cool start function
- The air filter can be removed and washed

Model WALL-HUNG	IQWH20	IQWH30	IQWH40
Air flow (A/M/B) m ³ /h	492/454/400	825/689/590	862/741/634
Cooling ⁽¹⁾	Power (A/M/B) kW	2,70/2,59/2,39	3,81/3,30/2,88
	Water flow (A/M/B) m ³ /h	0,48/0,46/0,42	0,67/0,57/0,51
Heating ⁽²⁾	Power (A/M/B) kW	2,94/2,8/2,58	4,3/3,65/3,09
	Water flow (A/M/B) m ³ /h	0,51/0,49/0,46	0,73/0,64/0,56
Level of sound pressure ⁽³⁾ (A/M/B) dB(A)	32/30/27	45/39/35	38/34/30
Level of sound power ⁽⁴⁾ (A/M/B) dB(A)	44/42/39	57/51/47	50/46/42
Dimensions (lxhxp) mm	915x290x230	915x290x230	1072x315x230

A = High speed fan; M = Average speed fan; B = Low speed fan

1) Cooling mode: inlet air temperature 27°C d.b./19°C w.b., inlet/outlet water temperature 7°C/12°C.

2) Heating mode: inlet air temperature 20°C d.b., inlet/outlet water temperature 45°C/40°C.

3) Sound tested in semi-anechoic chamber, according to ISO 3744, 1m distance (conditions as note (2)).

4) According to ISO 3744 (conditions as note (2)).

IQC - ceiling/floor units



- Elegant and compact design
- Installation versatility: the units can be ceiling or floor mounted
- High efficiency DC inverter and noiseless operation
- 2-pipe system
- Frontal air intake
- Hydraulic connections on the left side (frontal view)
- Ideal for rooms without false ceiling
- INCLUDED condensate drain pan for valve connection site
- The air filter can be removed and washed

Model CEILING/FLOOR	IQC20	IQC30	IQC40	IQC60	IQC70
Air flow (A/M/B) m ³ /h	369/272/196	560/407/319	678/492/383	1017/720/588	1509/1054/806
Cooling ⁽¹⁾	Power (A/M/B) kW	2,07/1,52/1,07	2,97/2,39/1,82	4,57/3,35/2,62	5,43/4,32/3,58
	Water flow (A/M/B) m ³ /h	0,36/0,27/0,20	0,52/0,42/0,33	0,81/0,60/0,47	0,93/0,78/0,63
Heating ⁽²⁾	Power (A/M/B) kW	2,39/1,76/1,3	3,30/2,54/1,87	4,66/3,38/2,57	6,38/4,81/3,93
	Water flow (A/M/B) m ³ /h	0,42/0,32/0,24	0,57/0,46/0,35	0,83/0,60/0,47	1,10/0,87/0,71
Level of sound pressure ⁽³⁾ (A/M/B) dB(A)	39/31/22	44/37/31	40/32/25	42/33/28	51/42/35
Level of sound power ⁽⁴⁾ (A/M/B) dB(A)	51/43/34	56/49/43	52/44/37	54/45/40	63/54/47
Dimensions (lxhxp) mm	800x592x220	1000x592x220	1200x592x220	1500x592x220	1500x592x220

A = High speed fan; M = Average speed fan; B = Low speed fan

1) Cooling mode: inlet air temperature 27°C d.b./19°C w.b., inlet/outlet water temperature 7°C/12°C.

2) Heating mode: inlet air temperature 20°C d.b., inlet/outlet water temperature 45°C/40°C.

3) Sound tested in semi-anechoic chamber, according to ISO 3744, 1m distance (conditions as note (2)).

4) According to ISO 3744 (conditions as note (2)).

IQK - cassette



- High efficiency and noiseless operation
- Complete comfort control thanks to the INCLUDED remote control
- INCLUDED condensate drain pump
- Primary air intake option: ideal for a healthy room
- 2-pipe system
- Anti-cool start function
- INCLUDED temperature control
- Condensate drain pan for valve connection site (optional) to be ordered and installed for cooling applications

Model CASSETTE		IQK30	IQK40	IQK60	IQK70	IQK110
Cooling ⁽¹⁾	Air flow (A/M/B) m ³ /h	535/429/322	781/611/494	1229/1020/810	1530/1224/1101	1871/1415/1198
	Power (A/M/B) kW	2,98/2,53/2,00	4,20/3,48/3,01	6,12/5,45/4,60	7,84/6,84/6,35	11,19/8,82/7,48
	Water flow (A/M/B) m ³ /h	0,53/0,45/0,35	0,75/0,61/0,54	1,10/0,96/0,81	1,43/1,24/1,13	1,96/1,53/1,28
Heating ⁽²⁾	Power (A/M/B) kW	2,61/2,89/2,24	4,95/3,99/3,26	6,27/6,53/5,43	8,49/8,00/7,35	10,07/10,08/8,68
	Water flow (A/M/B) m ³ /h	0,64/0,54/0,42	0,87/0,70/0,58	1,39/1,20/1,00	1,71/1,45/1,33	2,35/1,86/1,59
Level of sound pressure ⁽³⁾ (A/M/B) dB(A)		39/33/27	43/38/32	44/40/34	46/42/39	49/43/39
Level of sound power ⁽⁴⁾ (A/M/B) dB(A)		51/45/39	55/50/44	56/51/45	58/53/50	61/55/50
Dimensions (LxHxP) mm		575x261x575	575x261x575	840x230x840	840x300x840	840x300x840

A = High speed fan; M = Average speed fan; B = Low speed fan

1) Cooling mode: inlet air temperature 27°C d.b./19°C w.b., inlet/outlet water temperature 7°C/12°C.

2) Heating mode: inlet air temperature 20°C d.b., inlet/outlet water temperature 45°C/40°C.

3) Sound tested in semi-anechoic chamber, according to ISO 3744, 1m distance (conditions as note (2)).

4) According to ISO 3744 (conditions as note (2)).

IQD - duct



- Designed for built-in installation
- Compact dimensions: height 241 mm
- High efficiency and noiseless operation
- 3-stage exchange battery
- 2-pipe system
- Bottom or rear air intake option
- Outdoor air intake option
- Hydraulic connections on the left side (frontal view)
- INCLUDED condensate drain pan for valve connection site
- 4 levels of static pressure available (0Pa - 12Pa - 30Pa - 50Pa)

Model DUCT		IQD30	IQD50	IQD60	IQD80	IQD110
Cooling ⁽¹⁾	Air flow (A/M/B) m ³ /h	596/442/311	865/626/441	1022/760/544	1452/1038/781	2134/1581/1083
	Power (A/M/B) kW	3,12/2,72/2,1	4,46/3,59/2,83	5,85/4,82/3,78	8,02/6,36/5,08	10,79/8,86/6,79
	Water flow (A/M/B) m ³ /h	0,60/0,48/0,37	0,79/0,63/0,50	1,05/0,85/0,65	1,42/1,11/0,89	1,93/1,57/1,20
Heating ⁽²⁾	Power (A/M/B) kW	3,82/3,08/2,28	5,27/4,21/3,21	6,62/5,38/4	9,15/7,08/5,58	12,62/10,15/7,47
	Water flow (A/M/B) m ³ /h	0,67/0,54/0,41	0,92/0,73/0,57	1,15/0,94/0,71	1,59/1,26/0,98	2,23/1,78/1,31
Level of sound pressure ⁽³⁾ (A/M/B) dB(A)	0Pa (A/M/B) dB(A)	36,4/29,5/20,7	44,3/36,3/27,9	46,1/39,0/30,3	44,9/36,1/27,7	48,9/41,8/31,7
	12Pa (A/M/B) dB(A)	34,0/27,7/19,6	42,9/35,9/27,5	45,0/37,9/29,3	44,1/35,5/27,5	47,4/40,5/30,5
	30Pa (A/M/B) dB(A)	39,7/29,6/24,1	47,1/37,6/30,2	47,7/39,8/30,7	45,6/37,5/28,0	49,4/41,8/33,5
	50Pa (A/M/B) dB(A)	44,5/36,4/27,2	48,4/42,3/33,3	49,3/41,8/32,8	48,5/40,5/32,0	52,3/44,8/37,3
Level of sound power ⁽⁴⁾ (A/M/B) dB(A)	0Pa (A/M/B) dB(A)	47,4/40,5/31,7	55,3/48,3/39,9	57,1/51,0/42,3	55,9/48,1/39,7	59,9/52,8/43,7
	12Pa (A/M/B) dB(A)	45,0/39,7/30,6	53,9/47,9/38,5	56,0/49,9/41,3	55,1/47,5/39,5	58,4/52,5/42,5
	30Pa (A/M/B) dB(A)	50,7/41,6/36,1	58,1/49,6/42,2	58,7/50,8/42,7	56,6/49,5/40,0	60,4/53,8/45,5
	50Pa (A/M/B) dB(A)	55,5/48,4/39,2	59,4/54,3/45,3	60,3/53,8/44,8	59,5/52,5/44,0	63,3/56,8/49,3
Dimensions (LxHxP) mm		841x241x522	941x241x522	1161x241x522	1461x241x522	1856x241x522

A = High speed fan; M = Average speed fan; B = Low speed fan

1) Cooling mode: inlet air temperature 27°C d.b./19°C w.b., inlet/outlet water temperature 7°C/12°C.

2) Heating mode: inlet air temperature 20°C d.b., inlet/outlet water temperature 45°C/40°C.

3) Sound tested in semi-anechoic chamber, according to ISO 3744, 1m distance (conditions as note (2), depending on the static pressure).

4) According to ISO 3744 (conditions as note (2), depending on the static pressure).



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The Company assumes no responsibility for any possible contents mistakes, and reserves the right to make changes in products, due to technical or commercial demands, at any time without notice.