

versatile

Heating · Cooling · Ventilation



BRIZA 12






BRIZA 12

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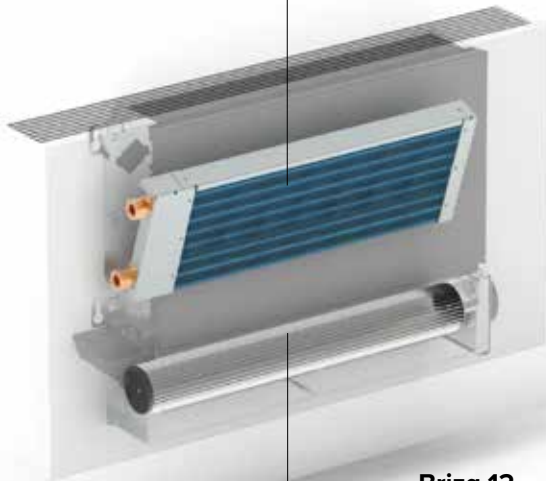
BRIZA - FAN COIL RADIATORS

Thanks to optimised Jaga technologies, the Briza fan convectors are energy-saving and efficient. Briza fancoil radiators function perfectly when combined with any type of heat pump and every output regime. Even on low temperatures (35° C), the Briza radiators are a power package!

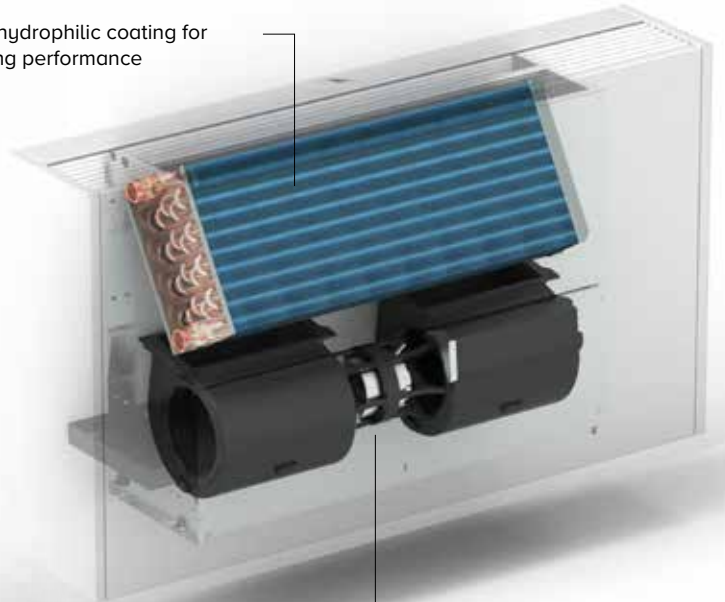
SUITABLE FOR:

-  Condensing cooling
-  Non-condensing cooling
-  Heating

Heat exchanger with hydrophilic coating for optimum cooling performance



Briza 12
Tangential fan with EC motor



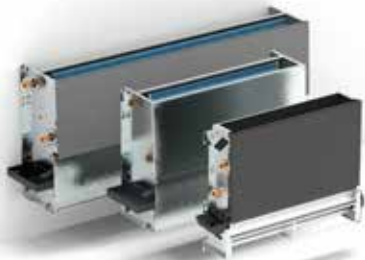
Briza 22 & 26
Centrifugal fan
Greentech EC motor



OVERALL USABILITY

The Briza family is a flexible product range of fan convectors for small and large rooms, wall or ceiling solutions, with casing or invisibly integrated. What makes the versatility of this product range stand out is the possibility of both heating and cooling.

INSTALLATION IN A WALL RECESS



WALL-MOUNTED MODEL

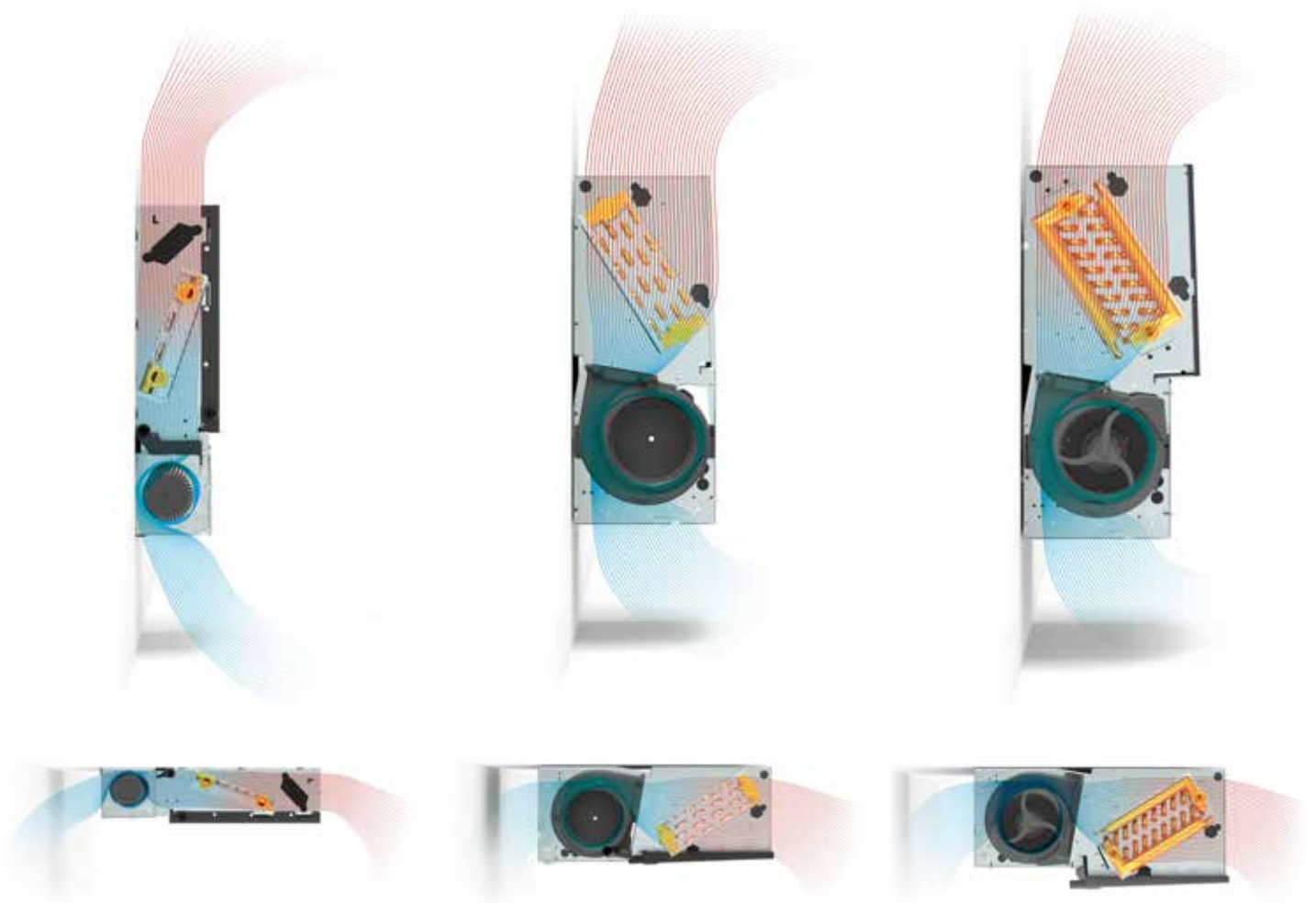


BUILT-IN CEILING



CEILING-MOUNTED MODEL





BRIZA 12

A slim Jaga fan convector. The Briza 12 is a discreet powerhouse. The perfect heat pump radiator for residential applications. Low noise, powerful and fast. Perfect for the ideal indoor climate.

APPLICATIONS:

- Residential
- Smaller commercial spaces

BRIZA 22

Briza 22 goes the extra mile. Heating or cooling large spaces. The ideal indoor climate thanks to efficient heat exchangers combined with energy-efficient motors.

APPLICATIONS:

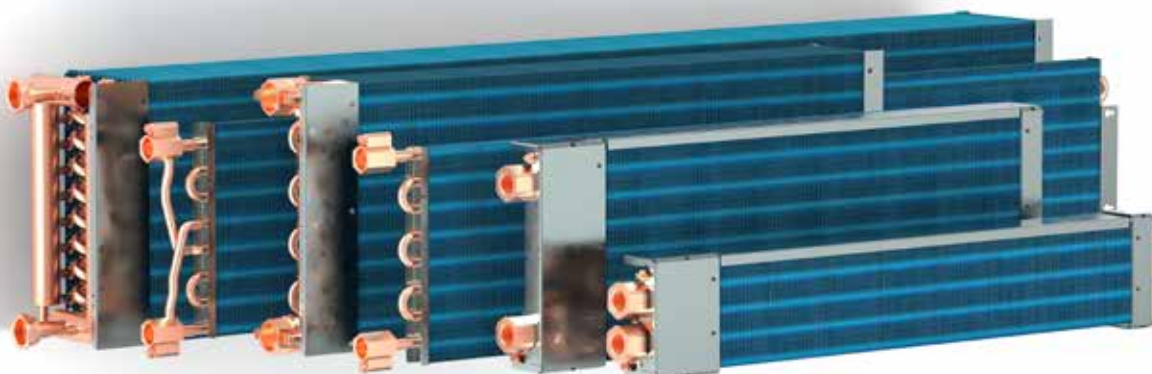
- Offices & commercial spaces
- Larger surfaces

BRIZA 26

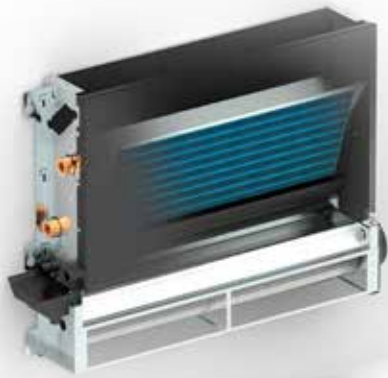
When large output capacities are required, that's when the Briza 26 comes into play. Large spaces with high ceilings are no obstacle for this power unit. Energy-efficient and high-performance.

APPLICATIONS:

- Offices & commercial spaces
- Larger surfaces



Jaga hydrophilic heat exchangers



Briza 12 Installation in a wall recess

Water-side and electrical connections tailored to your installation

- height 038 or 052 cm
- length 052, 072, 102 or 122 cm
- 16/18/27°C: from 235 to 1149 Watts (10V)
- 7/12/27°C: from 410 to 2004 Watts (10V)
- 35/30/20°C: from 454 to 2216 Watts (10V)



Briza 12 Installation in a wall recess



Briza 12 Installation in a wall recess



Briza 12 Built-in ceiling

Water-side and electrical connections tailored to your installation

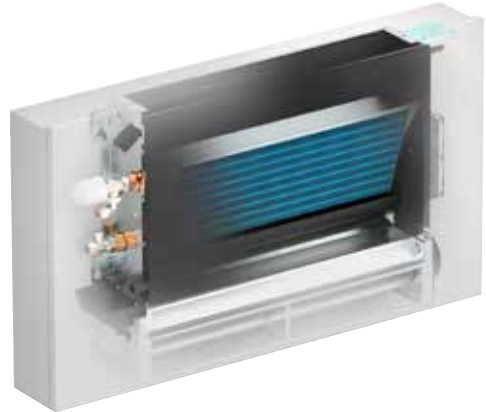
- height 038 or 052 cm
- length 052, 072, 102 or 122 cm
- 16/18/27°C: from 235 to 1149 Watts (10V)
- 7/12/27°C: from 410 to 2004 Watts (10V)
- 35/30/20°C: from 454 to 2216 Watts (10V)



Briza 12 Built-in ceiling



Briza 12 Wall mounted model



Briza 12 Wall mounted model

Water-side and electrical connections tailored to your installation

- height 041 or 055 cm
- length 075, 095, 125 or 145 cm
- 16/18/27°C: from 214 to 1095 Watts (10V)
- 7/12/27°C: from 373 to 1910 Watts (10V)
- 35/30/20°C: from 413 to 2110 Watts (10V)

Briza 12 Wall mounted model Plug & Play

Complete unit with Wi-Fi thermostat with touchscreen, Jaga fan controller with integrated 230 V power supply; pre-assembled connection set

- height 041 or 055 cm
- length 075, 095, 125 or 145 cm
- 16/18/27°C: from 214 to 1095 Watts (10V)
- 7/12/27°C: from 373 to 1910 Watts (10V)
- 35/30/20°C: from 413 to 2110 Watts (10V)



Briza 12 Wall mounted model Plug & Play

Briza 12 Ceiling mounted model

Water-side and electrical connections tailored to your installation

- height 041 or 055 cm
- length 075, 095, 125 or 145 cm
- 16/18/27°C: from 214 to 1095 Watts (10V)
- 7/12/27°C: from 373 to 1910 Watts (10V)
- 35/30/20°C: from 413 to 2110 Watts (10V)

versatile
Heating · Cooling · Ventilation

BRIZA 12 INSTALLATION IN A WALL RECESS



ELECTRICAL CONNECTION



HEAT EXCHANGER with hydrophilic coating for optimum cooling performance

STURDY CASING

manufactured from electro-galvanised steel

HYDRONIC CONNECTION

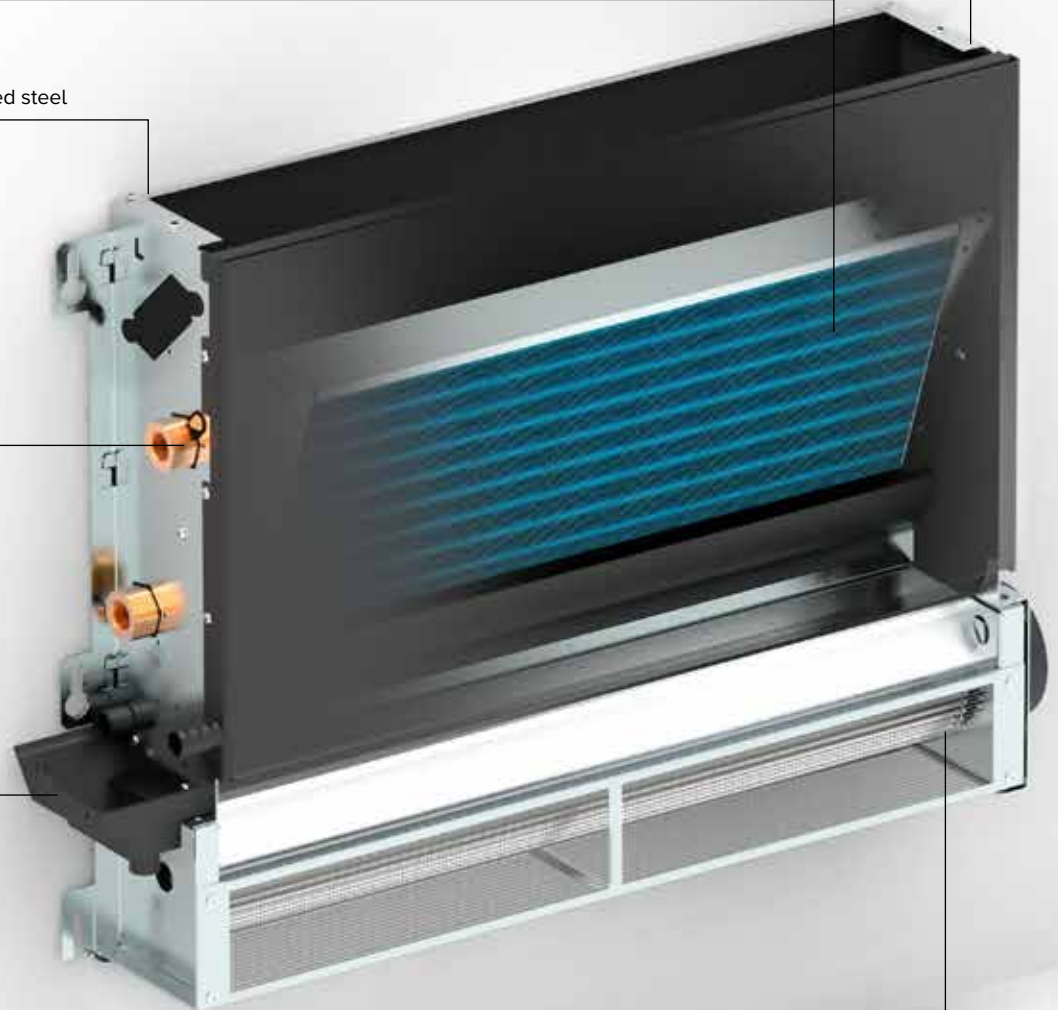
1/2" female thread

CONDENSATE TRAY

with outlet spigot \varnothing 2 cm

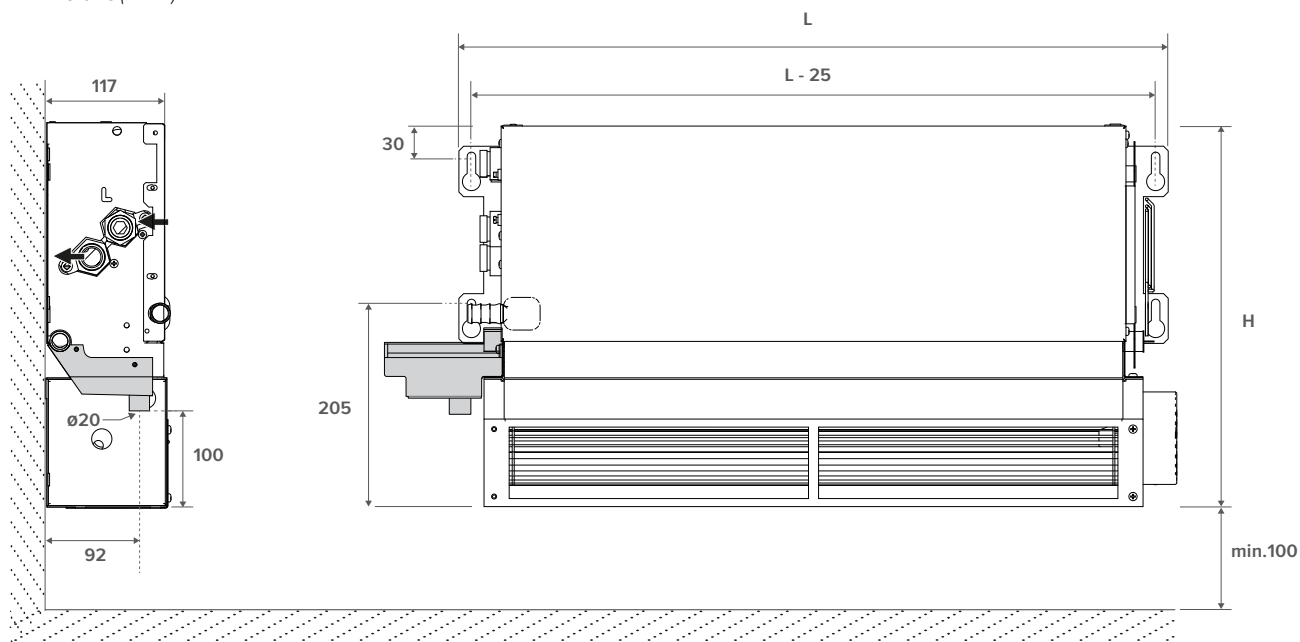
TANGENTIAL ACTIVATORS

with aluminium fins are provided with ball bearings and resin-coated EPDM vibration damping. built-in EC motor for a much lower energy consumption and a longer service life. The fans are equipped with a stainless steel air filter.



BRIZA 12 INSTALLATION IN A WALL RECESS

DIMENSIONS (in mm)



STANDARD DELIVERY

- condensation tray with drain
- aluminium-copper heat exchanger with hydrophilic coating
- sturdy casing manufactured from electro-galvanised steel
- thermal Activator(s) (tangential mini activator)
- stainless steel air filter

CONNECTION

Standard

- 1/2" G hydronic connections on the left
- clamp connector for electric connection 24 VDC, to connect via an external power supply, on the right hand side.

Optional

Hydronic right, electric left:

Connection code **R** instead of **L**. No surcharge.

ORDER CODE BRIZA 12 INSTALLATION IN A WALL RECESS

BZBW 038 052 12 2 L DDD

Control:

- No control system: (leave blank)
- Jaga BMS 0-10V control: D03
- Jaga 3 settings controller: D05

Length

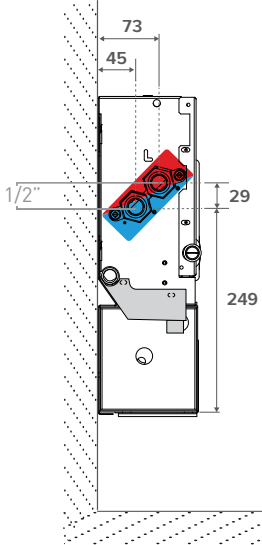
Height

BRIZA 12 INSTALLATION IN A WALL RECESS

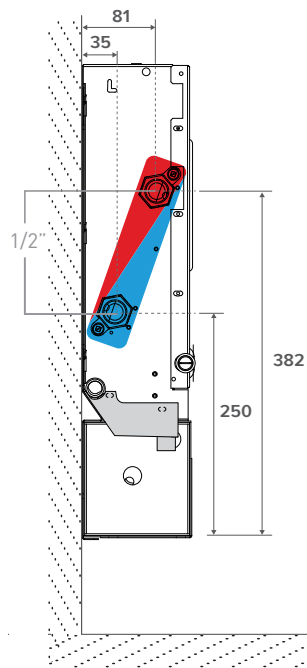
HYDRONIC CONNECTION

DIMENSIONS (in mm)

Height 38



Height 52



CONNECTION POSSIBILITIES

Eurocone connection set with thermoelectric motor



set
295

KVS 0.8

CODY SC5 24 4... 24 VDC
CODY SC5 10 4... 0..10 VDC

fill in sleeve coupling code

Sleeve couplings 3/4" Eurocone

PRECISION METAL TUBE		SYNTHETIC OR RPE/ALU	
CODE	Tube Ø	CODE	Tube Ø
112	12/1	612	12/2
114	14/1	614	14/2
115	15/1	616	16/2
116	16/1	618	18/2
118	18/1	619	16/1.5
		620	20/2

Stainless steel flexible connections 1/2"



CODE	Length	
7990 068	200 < 260 mm	2 units

Connection set with 2 lockshield valves



set
290

CODY LOC 00 4...

fill in sleeve coupling code

POWER SUPPLIES

 **Jaga units are only CE: EN-60335 certified with use of the original Jaga power supplies**

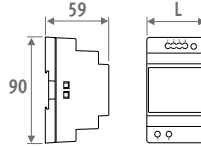
Waterproof power supply 24 VDC with waterproof cable gland



- with waterproof swivel nut connector
- in compliance with UL1310 - EN 60950-1 / Class II
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- output current 1.67 A
- output 40 Watts
- dimensions L 14.5 x B 4.5 x H 3.0 cm

CODE	
37603 010002	
P (add "P" to the order code)	pre-mountend
Ex.: BZBW 038 052 12 2 L D03 P	

Power supply DIN-rail assembly



- for DIN-rail or wall mounting in a electrical switchboard
- in compliance with UL60950 / UL508 / EN 60950-1 / TUV EN61558-2-16 / Class II
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- screw connection
- LED indicator

CODE	L mm	OUTPUT Watts	OUTPUT CURRENT A
7990 054	3.5	36	1.50
7990 055	5.3	60	2.50
7990 056	7.0	92	3.90
7990 057	10.3	150	6.25

CONTROLS (OPTIONAL)

JDPC (JAGA DYNAMIC PRODUCT CONTROLLER)



Control panel

CODE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control (D03)	  	-	✓	✓	-
Jaga 3 settings controller (D05)	  	✓	-	✓	-




NO JAGA CONTROL SYSTEM

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will send a 0-10 VDC signal. The fan will rotate proportionally to the 0-10 VDC signal.

JAGA BMS 0-10V CONTROL

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will transmit a 0-10V signal.
- When the fan recognises cold (<18°C) or hot (>28°C) water, it will rotate proportionally of the 0-10V signal

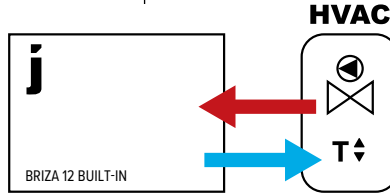
JAGA 3 SETTINGS CONTROLLER

- When heat or cold is requested, an external signal (thermostat, BMS/home automation, ...) a thermal engine.
- Heating: The fan will rotate at a fixed speed once the water has reached the setting of 28°C.
- Cooling: he fan will rotate at a fixed speed once the water has reached the setting of 18°C.
- The user manually selects the desired mode via the control panel    / OFF. The unit can run at 3 speeds. The unit starts at the last selected speed(1, 2 or 3) when the preset water temperature is reached.

BRIZA 12 INSTALLATION IN A WALL RECESS

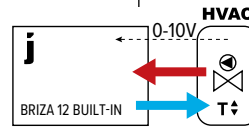
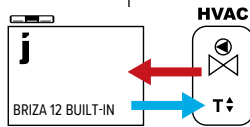
WHICH CONTROL SYSTEM TO CHOOSE?

Unit without integrated room temperature control
Fans will start automatically when the external control sends warm/cold water through the radiator



- Without 0-10V signal:
- room thermostat (None-Jaga)
 - area control with room temperature control
 - boiler or heat pump control with room temperature control
 - home automation with room temperature control
 - other external room temperature controls

- 0-10V signal for fan control available from
- Jaga room thermostat with 0-10V signal to unit
 - home automation with 0-10V signal to unit



Choose 1 of 3 fan speeds (speed will not adjust, depending on room temperature)

Fan speed is controlled by 0-10V connection to the electronics in the radiator.

Fan speed is controlled by 0-10V connection to electronics outside the radiator.

JAGA 3 SETTINGS CONTROLLER

JAGA BMS

NO CONTROL SYSTEM

Coding:

Unit including selected control system

Ordered optionally:

- valve set: set 295 or set 290
- Stainless steel flexible connections (in pairs)
- power supply: waterproof swivel nut connector or DIN Rail power supply
- thermostat (0-10V) outside the unit

HEIGHT			CONTROL VOLTAGE	COOLING <i>(non-condensing) Room temperature 27°C</i>			HEATING <i>Room temperature 20°C</i>				SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	WEIGHT	WATER CONTENT	ORDER CODE
H	L	T		16/18	7/12	7/12	35/30	45/40	50/45	55/45						
cm	cm	cm	V	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m ³ /h	Watts	kg	L		
BZBW 038 052 12	2		2	113	279	197	247	450	550	596	19.0	70	1.6	7.0	0.166	BZBW 038 052 12 2 L DDD
	4		4	142	347	248	285	517	633	686	25.2	111	2.6			
	6		6	172	415	301	324	589	721	781	32.5	155	4.3			
	8		8	203	484	355	379	688	842	912	39.0	196	7.2			
	10		10	235	553	410	454	826	1010	1095	44.0	235	13.0			
072 12	2		2	198	488	345	401	728	891	966	21.5	119	2.5	9.0	0.270	BZBW 038 072 12 2 L DDD
	4		4	234	570	408	490	891	1090	1182	27.5	189	4.3			
	6		6	277	668	484	519	944	1155	1252	34.9	245	7.2			
	8		8	329	782	573	609	1106	1354	1467	40.7	315	11.5			
	10		10	387	911	676	748	1358	1662	1802	45.0	380	18.0			
102 12	2		2	326	804	569	644	1171	1433	1553	23.1	160	2.6	13.0	0.433	BZBW 038 102 12 2 L DDD
	4		4	369	899	644	790	1435	1756	1903	30.0	243	4.8			
	6		6	432	1039	753	844	1533	1876	2033	38.0	328	8.0			
	8		8	513	1221	895	989	1797	2199	2383	44.0	419	14.0			
	10		10	615	1445	1072	1188	2158	2641	2862	48.5	492	24.0			
122 12	2		2	392	967	684	810	1472	1801	1952	26.0	190	2.8	14.0	0.539	BZBW 038 122 12 2 L DDD
	4		4	423	1029	737	996	1809	2214	2399	31.4	295	5.5			
	6		6	526	1267	918	1063	1932	2365	2563	38.4	410	10.3			
	8		8	656	1560	1143	1242	2258	2763	2995	44.2	512	18.5			
	10		10	763	1795	1331	1480	2690	3292	3568	48.0	560	28.8			

Enter control system code
 No control system: (leave blank)
 Jaga BMS 0-10V control: D03
 Jaga 3 settings controller: D05

BRIZA 12 INSTALLATION IN A WALL RECESS

HEIGHT 052

HEIGHT H cm	LENGTH L cm	TYPE T cm	CONTROL VOLTAGE U V	COOLING <i>(non-condensing)</i> Room temperature 27°C			HEATING Room temperature 20°C				SOUND PRESSURE LEVEL dB(A)	AIR FLOW m ³ /h	POWER CONSUMPTION Watts	WEIGHT kg	WATER CONTENT L	ORDER CODE
				16/18 Watts	7/12 Watts	7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts						
BZBW 052	052	12	2	187	461	326	371	674	825	894	21.0	89	2.0	8.0	0.332	BZBW 052 052 12 2 L DDD
			4	222	541	387	433	787	963	1044	27.0	130	3.2			
			6	266	641	464	522	948	1161	1258	33.9	169	5.5			
			8	317	754	553	594	1079	1321	1432	39.7	212	9.6			
			10	349	820	608	672	1222	1495	1620	44.0	250	16.8			
072	12	2	319	787	557	610	1108	1356	1470	21.8	127	2.2	10.0	0.540	BZBW 052 072 12 2 L DDD	
		4	377	919	658	725	1318	1613	1748	27.2	193	3.6				
		6	444	1069	775	866	1573	1926	2087	34.6	262	5.7				
		8	513	1221	895	992	1803	2207	2392	40.8	320	9.6				
		10	577	1357	1006	1113	2023	2476	2683	45.0	365	15.6				
102	12	2	508	1252	886	964	1751	2143	2323	24.0	168	2.8	14.0	0.866	BZBW 052 102 12 2 L DDD	
		4	595	1450	1038	1151	2091	2560	2774	30.3	259	5.4				
		6	708	1703	1234	1373	2495	3054	3309	37.7	353	10.0				
		8	823	1959	1436	1581	2874	3517	3811	43.7	437	18.0				
		10	920	2163	1605	1775	3225	3947	4277	48.0	513	28.8				
122	12	2	627	1545	1093	1151	2092	2560	2774	26.2	200	2.8	15.0	1.078	BZBW 052 122 12 2 L DDD	
		4	746	1817	1300	1434	2605	3188	3455	32.0	297	5.5				
		6	890	2142	1552	1713	3113	3810	4130	39.0	396	10.0				
		8	1022	2431	1782	1978	3594	4399	4768	44.5	500	18.0				
		10	1149	2702	2004	2216	4026	4928	5340	48.5	583	28.8				

Enter control system code
 No control system: (leave blank)
 Jaga BMS 0-10V control: D03
 Jaga 3 settings controller: D05

BRIZA 12 BUILT-IN CEILING



ELECTRICAL CONNECTION



HEAT EXCHANGER with hydrophilic coating for optimum cooling performance

STURDY CASING manufactured from electro-galvanised steel

HYDRONIC CONNECTION

1/2" female thread



OPTION

condensate tray, for drainage
(\varnothing 2 cm) of condensate water

CONDENSATE TRAY

TANGENTIAL ACTIVATORS

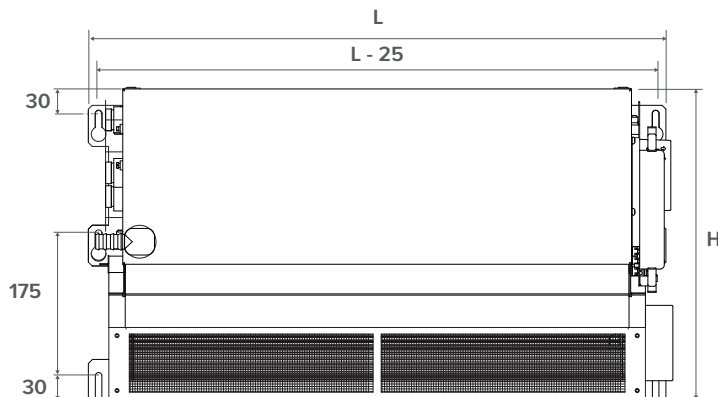
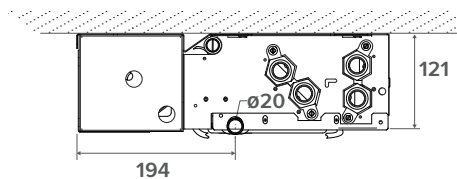
with aluminium fins are provided with ball bearings
and resin-coated EPDM vibration damping

STAINLESS STEEL AIR FILTER

BUILT-IN EC MOTOR for a much lower energy consumption and a longer service life

BRIZA 12 BUILT-IN CEILING

DIMENSIONS (in mm)



STANDARD DELIVERY

- condensation tray with drain
- aluminium-copper heat exchanger with hydrophilic coating
- sturdy casing manufactured from electro-galvanised steel
- thermal Activator(s) (tangential mini activator)
- stainless steel air filter

CONNECTION

Standard

- 1/2" G hydronic connections on the left
- clamp connector for electric connection 24 VDC, to connect via an external power supply, on the right hand side.

Optional

Hydronic right, electric left:

Connection code **R** instead of **L**. No surcharge.

ORDER CODE BRIZA 12 BUILT-IN CEILING

BZBC 038 052 12 2 L DDD

Control:

- No control system: (leave blank)
- Jaga BMS 0-10V control: D03

Length

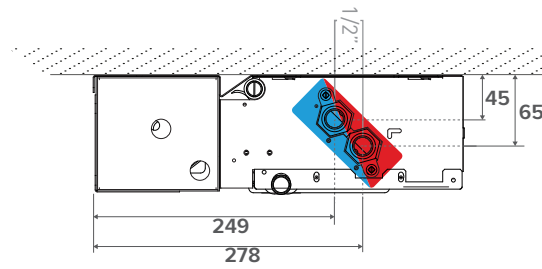
Height

BRIZA 12 BUILT-IN CEILING

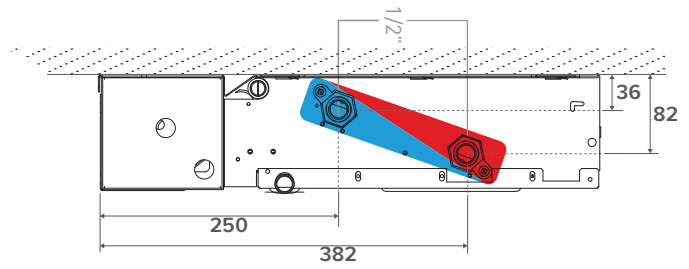
HYDRONIC CONNECTION

DIMENSIONS (in mm)

Height 38



Height 52



CONNECTION POSSIBILITIES

Eurocone connection set with thermoelectric motor



set 295 KVS 0.8

CODY SC5 24 4...	24 VDC
CODY SC5 10 4...	0..10 VDC

fill in sleeve coupling code

Connection set with 2 lockshield valves



set 290

CODY LOC 00 4...

fill in sleeve coupling code

Sleeve couplings 3/4" Eurocone

PRECISION METAL TUBE		SYNTHETIC OR RPE/ALU	
CODE	Tube Ø	CODE	Tube Ø
112	12/1	612	12/2
114	14/1	614	14/2
115	15/1	616	16/2
116	16/1	618	18/2
118	18/1	619	16/1.5
		620	20/2

Stainless steel flexible connections 1/2"



CODE	Length	
7990 068	200 < 260 mm	2 units

CONDENSATION SOLUTIONS

Condensate pump



CODE

8773 0101

Condensate tray with outlet spigot ø 2 cm



CODE

for Briza H

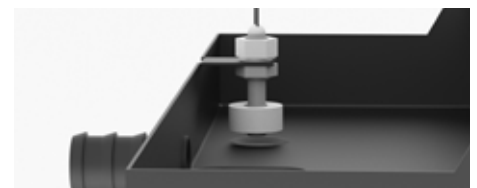
5127 000 100 01

042

5127 000 100 02

056

Condensate level sensor



sensor for monitoring the condensate level in the condensate collector

CODE

5127 000 100 03

POWER SUPPLIES

 **Jaga units are only CE: EN-60335 certified with use of the original Jaga power supplies**

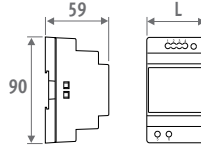
Waterproof power supply 24 VDC with waterproof cable gland



- with waterproof swivel nut connector
- in compliance with UL1310 - EN 60950-1 / Class II
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- output current 1.67 A
- output 40 Watts
- dimensions L 14.5 x B 4.5 x H 3.0 cm

CODE	
37603 010002	
P (add "P" to the order code)	pre-mountend
Ex.: BZBC 038 052 12 133 2 L P	

Power supply DIN-rail assembly




- for DIN-rail or wall mounting in a electrical switchboard
- in compliance with UL60950 / UL508 / EN 60950-1 / TUV EN61558-2-16 / Class II
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- screw connection
- LED indicator

CODE	L mm	OUTPUT Watts	OUTPUT CURRENT A
7990 054	3.5	36	1.50
7990 055	5.3	60	2.50
7990 056	7.0	92	3.90
7990 057	10.3	150	6.25

CONTROLS (OPTIONAL)

JADPC (JAGA DYNAMIC PRODUCT CONTROLLER)



CODE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control (D03)	  	-	✓	✓	-

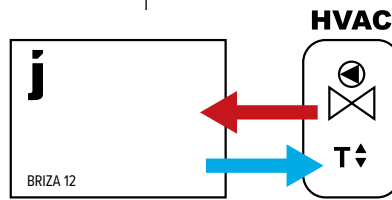
NO JAGA CONTROL SYSTEM

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will send a 0-10 VDC signal. The fan will rotate proportionally to the 0-10 VDC signal.

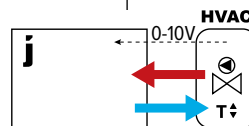
JAGA BMS 0-10V CONTROL

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will transmit a 0-10V signal.
- When the fan recognises cold (<18°C) or hot (>28°C) water, it will rotate proportionally of the 0-10V signal

Unit without integrated room temperature control
 Fans will start automatically when the external control sends warm/
 cold water through the radiator



0-10V signal for fan control available from
 - Jaga room thermostat with 0-10V signal to unit
 - home automation with 0-10V signal to unit



Fan speed is controlled by
 0-10V connection to the
 electronics in the radiator.

Fan speed is controlled by
 0-10V connection to electronics
 outside the radiator.

JAGA BMS

NO CONTROL SYSTEM

Coding:

D03

/

Unit including selected control system

Ordered optionally:

- valve set: set 295 or set 290
- Stainless steel flexible connections (in pairs)
- power supply: waterproof swivel nut connector or DIN Rail power supply
- thermostat (0-10V) outside the unit

BRIZA 12 BUILT-IN CEILING

HEIGHT 038

HEIGHT				CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C			HEATING Room temperature 20°C				SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	WEIGHT	WATER CONTENT	ORDER CODE
H	L	T	U		16/18	7/12	7/12	35/30	45/40	50/45	55/45						
cm	cm	cm	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m³/h	Watts	kg	L		
BZBC 038 052 12	2			2	113	279	197	247	450	550	596	19.0	70	1.6	7.0	0.166	BZBC 038 052 12 2 L DDD
	4			4	142	347	248	285	517	633	686	25.2	111	2.6			
	6			6	172	415	301	324	589	721	781	32.5	155	4.3			
	8			8	203	484	355	379	688	842	912	39.0	196	7.2			
	10			10	235	553	410	454	826	1010	1095	44.0	235	13.0			
072 12	2			2	198	488	345	401	728	891	966	21.5	119	2.5	9.0	0.270	BZBC 038 072 12 2 L DDD
	4			4	234	570	408	490	891	1090	1182	27.5	189	4.3			
	6			6	277	668	484	519	944	1155	1252	34.9	245	7.2			
	8			8	329	782	573	609	1106	1354	1467	40.7	315	11.5			
	10			10	387	911	676	748	1358	1662	1802	45.0	380	18.0			
102 12	2			2	326	804	569	644	1171	1433	1553	23.1	160	2.6	13.0	0.433	BZBC 038 102 12 2 L DDD
	4			4	369	899	644	790	1435	1756	1903	30.0	243	4.8			
	6			6	432	1039	753	844	1533	1876	2033	38.0	328	8.0			
	8			8	513	1221	895	989	1797	2199	2383	44.0	419	14.0			
	10			10	615	1445	1072	1188	2158	2641	2862	48.5	492	24.0			
122 12	2			2	392	967	684	810	1472	1801	1952	26.0	190	2.8	14.0	0.539	BZBC 038 122 12 2 L DDD
	4			4	423	1029	737	996	1809	2214	2399	31.4	295	5.5			
	6			6	526	1267	918	1063	1932	2365	2563	38.4	410	10.3			
	8			8	656	1560	1143	1242	2258	2763	2995	44.2	512	18.5			
	10			10	763	1795	1331	1480	2690	3292	3568	48.0	560	28.8			

Enter control system code
 No control system: (leave blank)
 Jaga BMS 0-10V control: D03

BRIZA 12 BUILT-IN CEILING

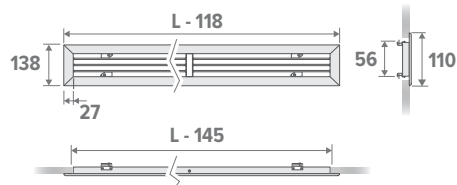
HEIGHT 052

HEIGHT			CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C		HEATING Room temperature 20°C				SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	WEIGHT	WATER CONTENT	ORDER CODE	
H	L	T		U	16/18	7/12	7/12	35/30	45/40							50/45
cm	cm	cm	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m³/h	Watts	kg	L	
BZBC 052	052	12	2	187	461	326	371	674	825	894	21.0	89	2.0	8.0	0.332	BZBC 052 052 12 2 L DDD
			4	222	541	387	433	787	963	1044	27.0	130	3.2			
			6	266	641	464	522	948	1161	1258	33.9	169	5.5			
			8	317	754	553	594	1079	1321	1432	39.7	212	9.6			
			10	349	820	608	672	1222	1495	1620	44.0	250	16.8			
072	12	2	319	787	557	610	1108	1356	1470	21.8	127	2.2	10.0	0.540	BZBC 052 072 12 2 L DDD	
		4	377	919	658	725	1318	1613	1748	27.2	193	3.6				
		6	444	1069	775	866	1573	1926	2087	34.6	262	5.7				
		8	513	1221	895	992	1803	2207	2392	40.8	320	9.6				
		10	577	1357	1006	1113	2023	2476	2683	45.0	365	15.6				
102	12	2	508	1252	886	964	1751	2143	2323	24.0	168	2.8	14.0	0.866	BZBC 052 102 12 2 L DDD	
		4	595	1450	1038	1151	2091	2560	2774	30.3	259	5.4				
		6	708	1703	1234	1373	2495	3054	3309	37.7	353	10.0				
		8	823	1959	1436	1581	2874	3517	3811	43.7	437	18.0				
		10	920	2163	1605	1775	3225	3947	4277	48.0	513	28.8				
122	12	2	627	1545	1093	1151	2092	2560	2774	26.2	200	2.8	15.0	1.078	BZBC 052 122 12 2 L DDD	
		4	746	1817	1300	1434	2605	3188	3455	32.0	297	5.5				
		6	890	2142	1552	1713	3113	3810	4130	39.0	396	10.0				
		8	1022	2431	1782	1978	3594	4399	4768	44.5	500	18.0				
		10	1149	2702	2004	2216	4026	4928	5340	48.5	583	28.8				

Enter control system code
 No control system: (leave blank)
 Jaga BMS 0-10V control: D03

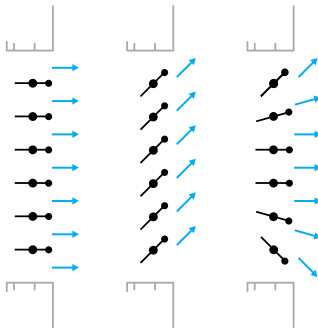
GRILLES

ADJUSTABLE GRILLE FOR 90° CORNER PIECE



*minimum recess dimensions for mounting the grille

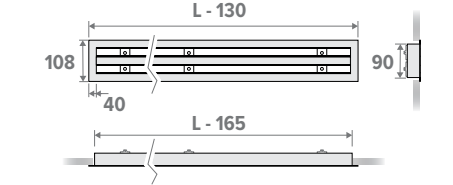
Air projection



- anodised aluminium grille
- clamping springs for mounting to wall, ceiling or air diffuser

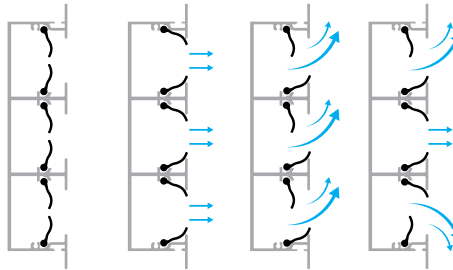
CODE	L Briza 12	Installation opening
5627 0001 0001	520	375 x 110
5627 0001 0002	720	575 x 110
5627 0001 0003	1020	875 x 110
5627 0001 0004	1220	1075 x 110

LINEAR SLOT GRILLE FOR 90° CORNER PIECE



*minimum recess dimensions for mounting the grille

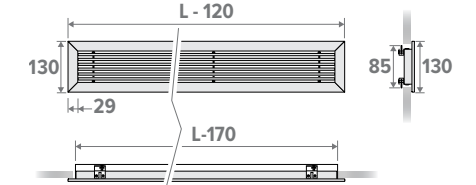
Air projection



- anodised aluminium grille
- metal bracket with regulating screws for mounting to wall, ceiling or air diffuser
- every air gap is individually adjustable and has 2 specially shaped air conduction blades (gap width 25 mm)
- an ideal exhaust pattern is achieved that can be configured 180°

CODE	L Briza 12	Installation opening
8789 221	520	355 x 90
8789 222	720	555 x 90
8789 223	1020	855 x 90
8789 224	1220	1055 x 90

BAR GRILLE FOR 90° CORNER PIECE



*minimum recess dimensions for mounting the grille

Air projection

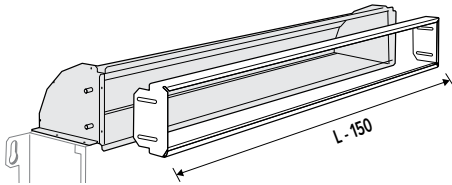
Not adjustable.



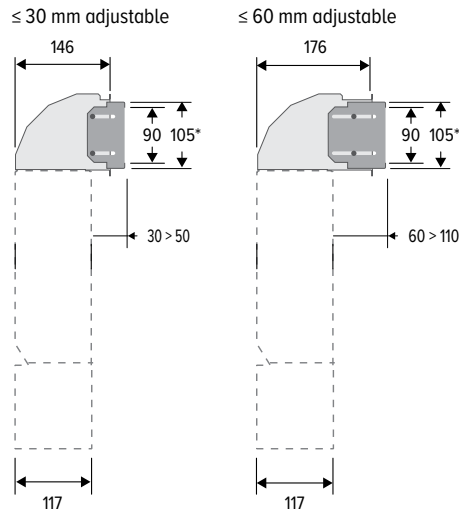
- anodised aluminium grille
- fixed bars
- clamping springs for mounting to wall, ceiling or air diffuser

CODE	L Briza 12	Installation opening
8789 211	520	355 x 85
8789 212	720	555 x 85
8789 213	1020	855 x 85
8789 214	1220	1055 x 85

AIR OUTLET CORNER PIECE 90°



- made from galvanised steel plate
- with rubber strip for optimal connection
- with perforations for exhaust grille installation



**minimum dimensions air inlet recess (without optional exhaust grille)*

TELESCOPISCHE LUCHTUITLAAT		
≤ 30 mm	≤ 60 mm	L Briza 12
5927 0000 5201	5927 0000 5202	520
5927 0000 7201	5927 0000 7202	720
5927 0001 0201	5927 0001 0202	1020
5927 0001 2201	5927 0001 2202	1220

BRIZA 12 PLUG & PLAY



LAQUERED CASING in sendzimir galvanized steel plate with aluminium top grille

WI-FI THERMOSTAT with touchscreen and app



INTEGRATED 230 V POWER SUPPLY, with clamp connector



ALUMINIUM TOP GRILLE, powder coated in the same colour as the unit



PREASSEMBLED CONNECTION SET
for an easy 3/4" Euroconus connection.

STURDY CASING
manufactured from
electro-galvanised steel

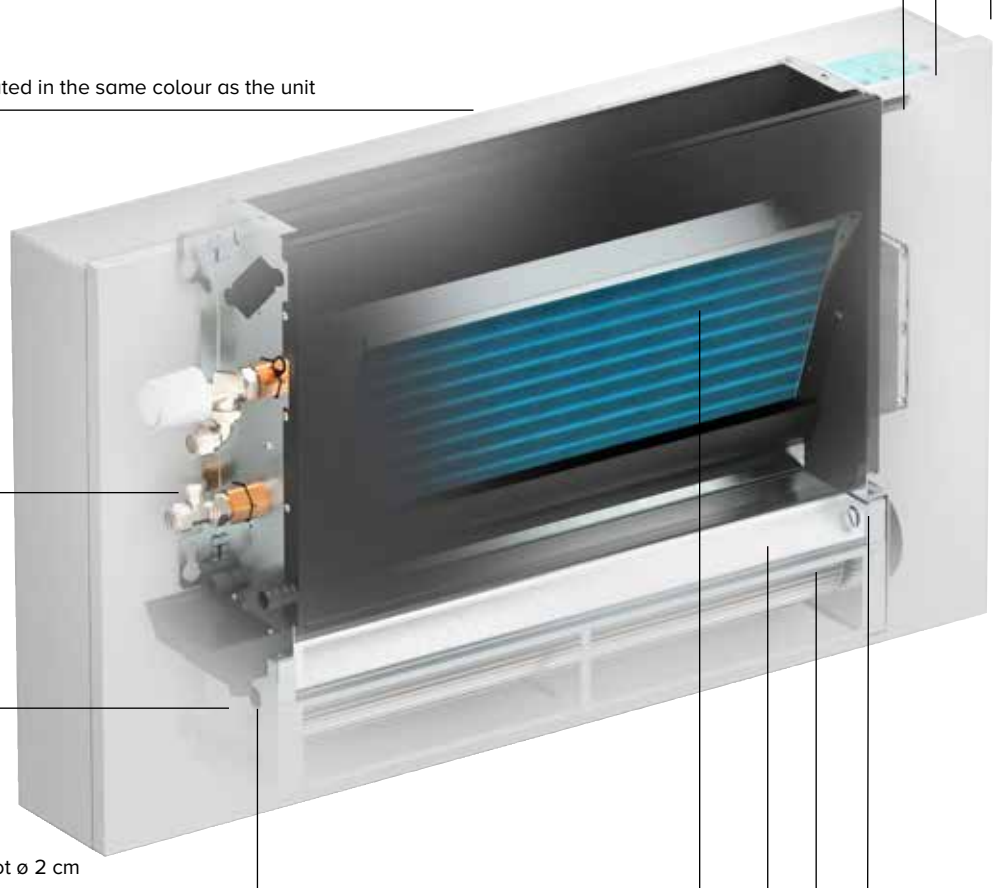
CONDENSATE TRAY with outlet spigot \varnothing 2 cm

HEAT EXCHANGER with hydrophilic coating for optimum cooling performance

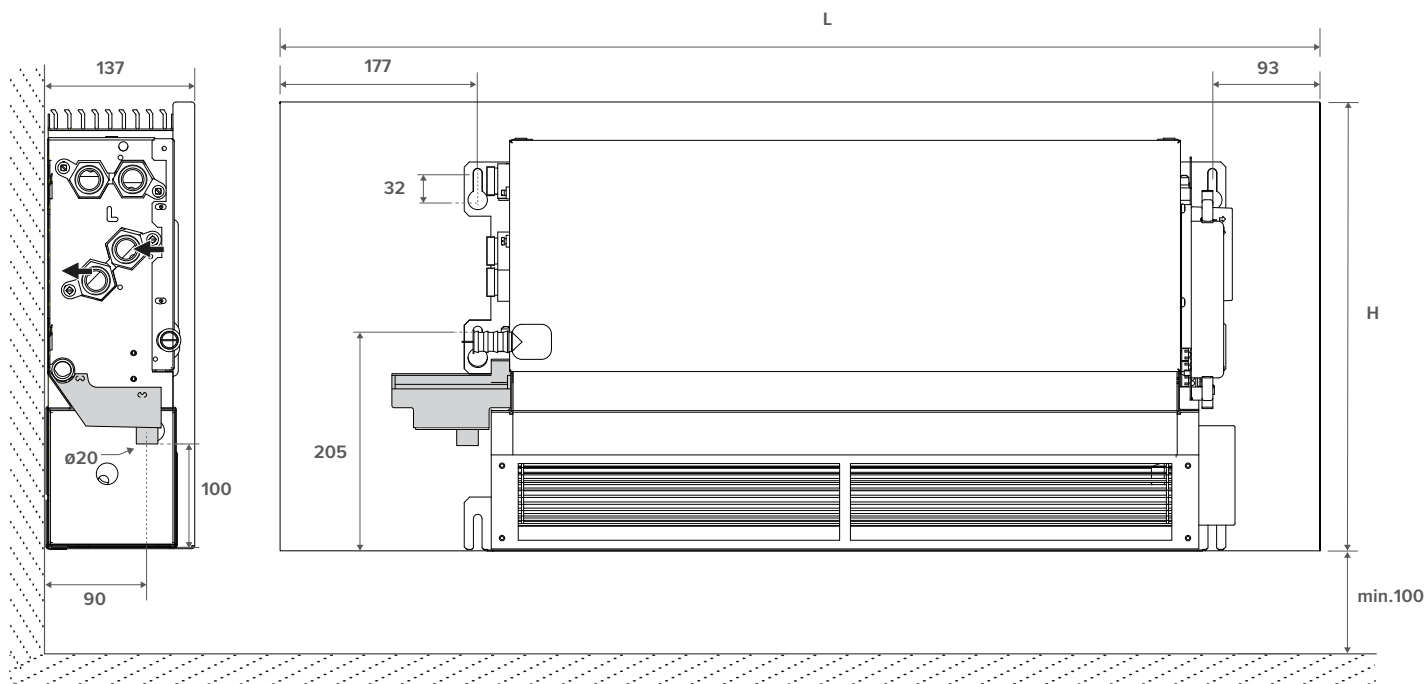
TANGENTIAL ACTIVATORS
with aluminium fins are provided with ball bearings and resin-coated EPDM vibration damping

STAINLESS STEEL AIR FILTER

BUILT-IN EC MOTOR for a much lower energy consumption and a longer service life



DIMENSIONS (in mm)

**STANDARD DELIVERY**

- laquered casing in sendzimir galvanized steel plate with aluminium top grille
- condensation tray with drain
- aluminium-copper heat exchanger with hydrophilic coating
- sturdy casing manufactured from electro-galvanised steel
- Wi-Fi thermostat JRT 100TW
- integrated 230 V power supply, with clamp connector
- preassembled valves, connection Eurocone 3/4"
- thermal Activator(s) (tangential mini activator)
- stainless steel air filter

COLOURS**Standard colours**

traffic white RAL 9016 (133), soft touch lightly structured satin lacquer

Other colours

see colour chart (Surcharge)

CONNECTION**Standard**

- 1/2"G hydronic connections on the left
- clamp connector for electric connection 24 VDC, to connect via an external power supply, on the right hand side.

ORDER CODE BRIZA 12 PLUG & PLAY

BZMW 041 075 12 XXX 2 L F11 TW

Colour

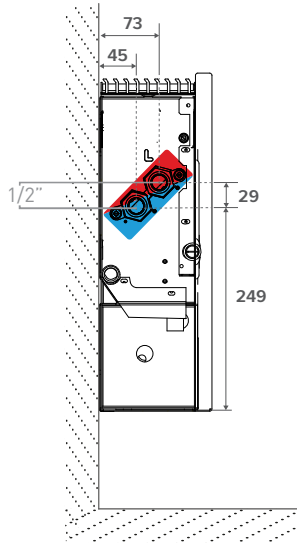
Length

Height

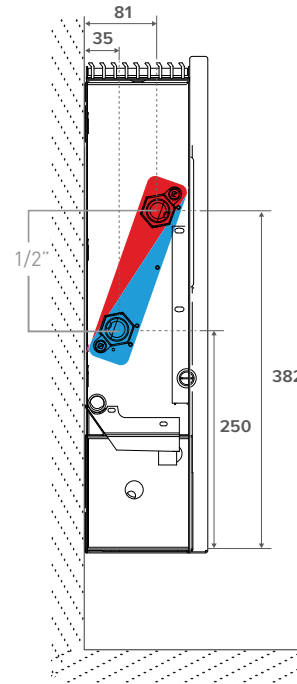
BRIZA 12 PLUG & PLAY

HYDRONIC CONNECTION

Height 41



Height 55



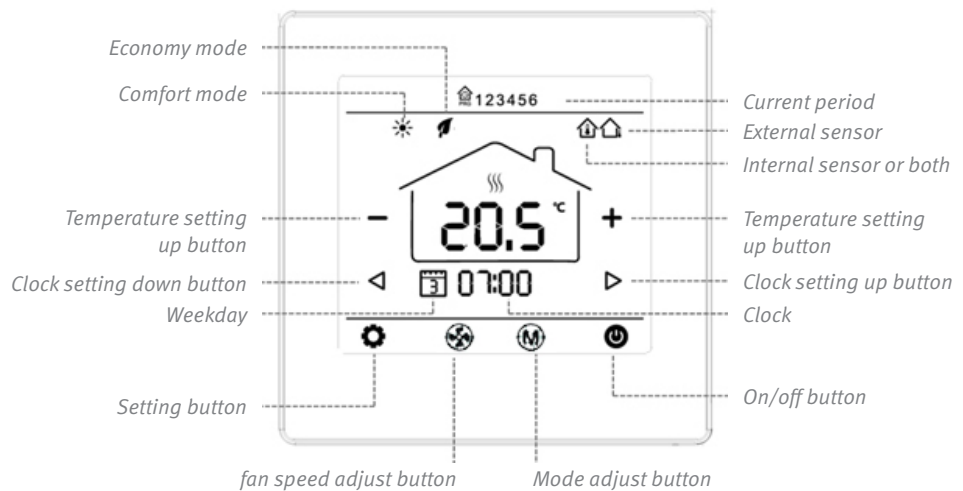
BRIZA 12 PLUG & PLAY

CONTROL SYSTEMS

INTEGRATED WI-FI THERMOSTAT (TW)



- programmable time zones 7 days (1-7)
- control valves 24 VDC heating/cooling
- LCD touch screen
- control via Wi-Fi (smartphone app)



Manual selection of the ideal temperature

Program your weekly program

Select the desired temperature



HEIGHT			CONTROL VOLTAGE	COOLING <i>(non-condensing) Room temperature 27°C</i>		COOLING TOTAL <i>Room temperature 27°C</i>		PERCEPTIBLE COOLING <i>Room temperature 27°C</i>				HEATING <i>Room temperature 20°C</i>				SOUND PRESSURE LEVEL <i>dB(A)</i>	AIR FLOW <i>m³/h</i>	POWER CONSUMPTION <i>Watts</i>	WEIGHT <i>kg</i>	WATER CONTENT <i>L</i>	ORDER CODE
H	L	T		U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	35/30	45/40	50/45	55/45						
cm	cm	cm	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	kg	L			
BZMW 041 075 12	2	115	284	201	223	406	497	538	18.5	64	1.6	16.0	0.166	BZMW 041 075 12 XXX 2 L F11 TW							
	4	135	328	235	256	465	569	617	29.4	101	2.6										
	6	159	382	276	296	537	657	712	31.3	141	4.3										
	8	185	441	323	346	629	770	834	37.3	178	7.2										
	10	214	503	373	413	751	919	996	42.5	214	13.0										
095 12	2	191	472	334	382	695	850	921	24.0	108	2.5	20.3	0.270	BZMW 041 095 12 XXX 2 L F11 TW							
	4	217	529	379	421	764	935	1014	30.0	172	4.3										
	6	252	607	440	445	808	989	1072	36.8	223	7.2										
	8	297	707	518	555	1009	1234	1338	41.5	287	11.5										
	10	352	828	614	680	1236	1513	1640	44.5	346	18.0										
125 12	2	313	773	547	602	1093	1338	1450	24.6	146	2.6	27.5	0.433	BZMW 041 125 12 XXX 2 L F11 TW							
	4	347	845	605	672	1222	1495	1620	30.2	221	4.8										
	6	396	953	691	765	1389	1700	1843	37.0	298	8.0										
	8	465	1106	811	895	1626	1991	2157	42.5	381	14.0										
	10	559	1314	974	1081	1963	2403	2604	47.0	448	24.0										
145 12	2	412	1015	718	742	1348	1650	1788	25.7	173	2.8	31.9	0.539	BZMW 041 145 12 XXX 2 L F11 TW							
	4	450	1097	785	842	1529	1872	2028	30.5	268	5.5										
	6	505	1215	881	964	1751	2143	2323	37.3	373	10.3										
	8	584	1390	1019	1126	2046	2505	2714	43.0	466	18.5										
	10	698	1640	1216	1347	2448	2996	3247	47.0	510	28.8										

Output measured in accordance with EN 16430

*Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m³ / reverberation time 0.5 sec.

Enter colour code

HEIGHT H cm	LENGTH L cm	TYPE T cm	CONTROL VOLTAGE U V	COOLING <i>(non-condensing) Room temperature 27°C</i>			COOLING TOTAL <i>Room temperature 27°C</i>				PERCEPTIBLE COOLING <i>Room temperature 27°C</i>				HEATING <i>Room temperature 20°C</i>				SOUND PRESSURE LEVEL dB(A)	AIR FLOW m³/h	POWER CONSUMPTION Watts	WEIGHT kg	WATER CONTENT L	ORDER CODE
				16/18 Watts	7/12 Watts	7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts										
BZMW 055 075 12			2	170	419	296	346	629	770	835	19.2	81	2.0	18.0	0.332	BZMW 055 075 12 XXX 2 L F11 TW								
				4	214	521	373	421	765	936	1014	25.2	118	3.2										
				6	256	617	447	495	899	1100	1193	32.2	154	5.5										
				8	296	705	517	568	1032	1263	1369	38.1	193	9.6										
				10	332	781	579	641	1164	1424	1544	42.5	228	16.8										
095 12			2	295	728	515	557	1012	1238	1342	23.0	116	2.2	23.0	0.540	BZMW 055 095 12 XXX 2 L F11 TW								
				4	358	872	624	688	1250	1530	1658	27.8	176	3.6										
				6	426	1025	743	819	1488	1821	1973	34.4	238	5.7										
				8	492	1171	859	944	1716	2100	2276	39.9	291	9.6										
				10	550	1294	959	1060	1927	2358	2555	43.5	332	15.6										
125 12			2	474	1170	827	881	1601	1960	2124	23.1	153	2.8	30.0	0.866	BZMW 055 125 12 XXX 2 L F11 TW								
				4	569	1387	993	1094	1988	2433	2636	29.1	236	5.4										
				6	676	1628	1179	1307	2374	2906	3149	36.5	321	10.0										
				8	783	1863	1365	1509	2742	3356	3637	42.5	398	18.0										
				10	877	2062	1529	1690	3071	3759	4074	46.5	467	28.8										
145 12			2	590	1455	1029	1116	2027	2481	2689	25.0	182	2.8	34.0	1.078	BZMW 055 145 12 XXX 2 L F11 TW								
				4	709	1728	1237	1367	2484	3040	3295	30.8	270	5.5										
				6	843	2030	1471	1630	2962	3625	3929	37.5	360	10.0										
				8	977	2324	1704	1884	3424	4191	4542	42.8	455	18.0										
				10	1095	2575	1910	2110	3834	4692	5085	46.5	531	28.8										

Output measured in accordance with EN 16430

*Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m³ / reverberation time 0.5 sec.

Enter colour code |



versatile
Heating · Cooling · Ventilation

**BRIZA 12
WALL MOUNTED
MODEL**



ELECTRICAL CONNECTION



ALUMINIUM TOP GRILLE, powder coated in the same colour as the unit

HEAT EXCHANGER with hydrophilic coating for optimum cooling performance

STURDY CASING
manufactured from electro-galvanised steel

HYDRONIC CONNECTION
1/2" female thread

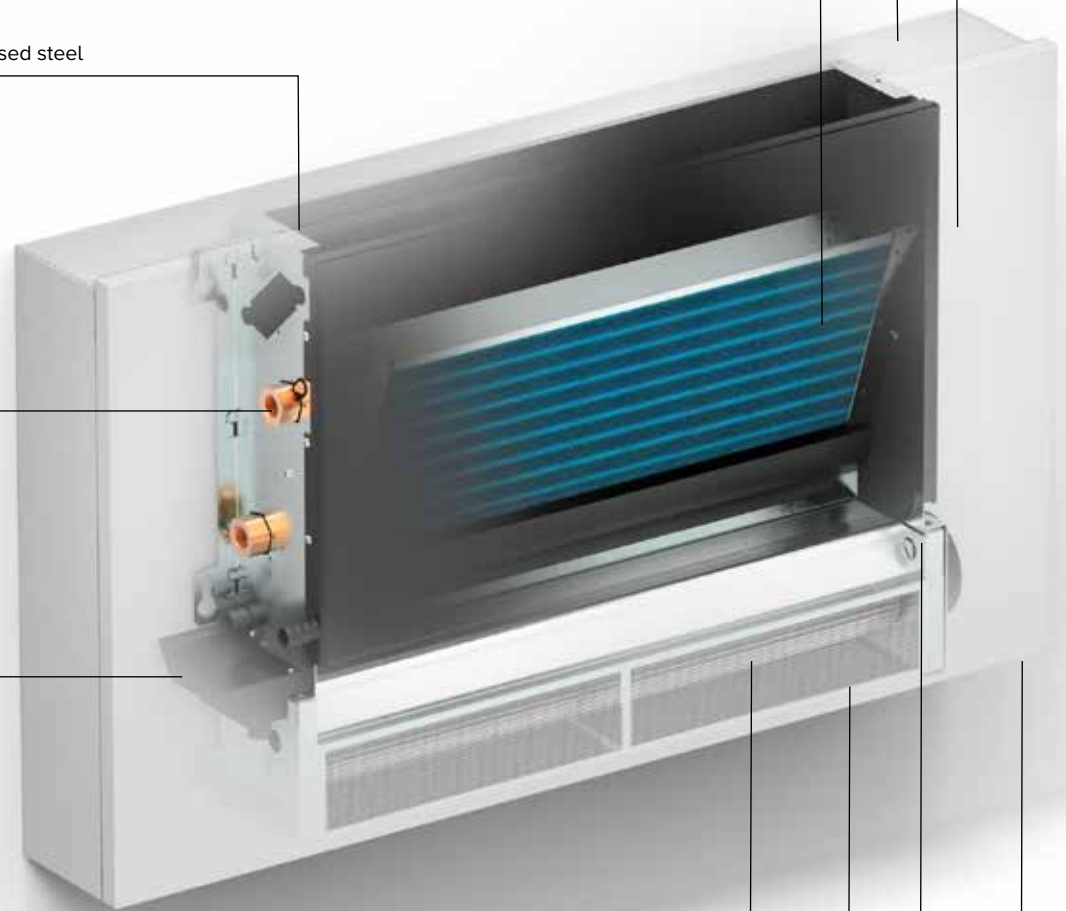
CONDENSATE TRAY
with outlet spigot \varnothing 2 cm

TANGENTIAL ACTIVATORS
with aluminium fins are provided with ball bearings and resin-coated EPDM vibration damping

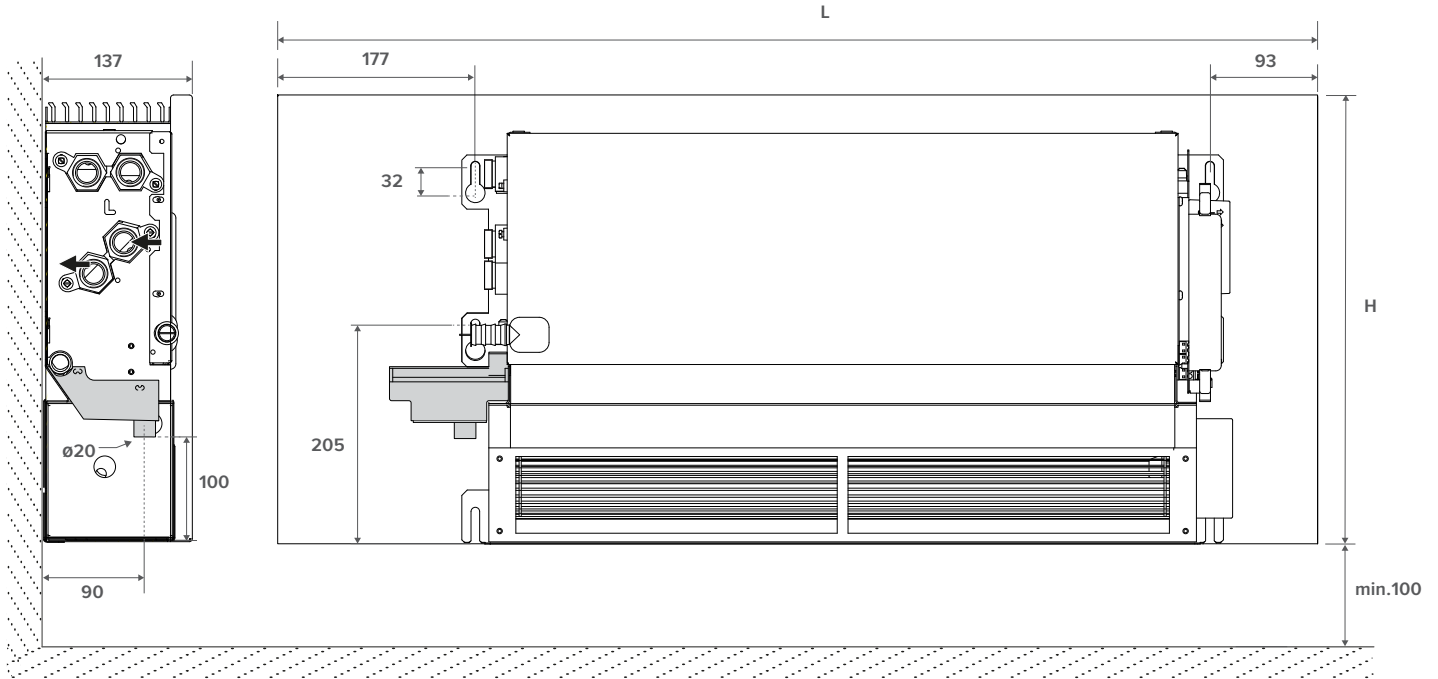
STAINLESS STEEL AIR FILTER

BUILT-IN EC MOTOR for a much lower energy consumption and a longer service life

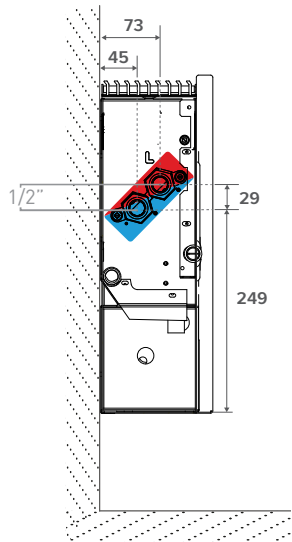
COATED HOUSING in sendzimir galvanised steel plate



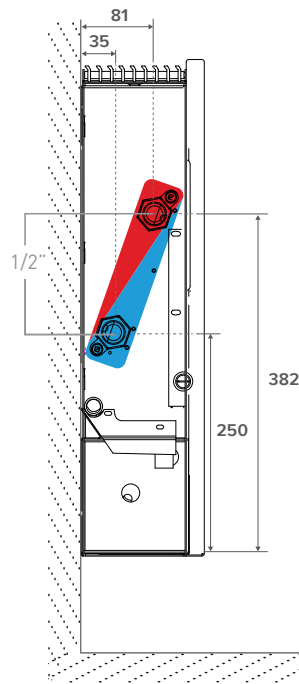
DIMENSIONS (in mm)



Height 41



Height 55



ORDER CODE BRIZA 12 WALL MOUNTED MODEL

BZMW 041 075 12 XXX 2 L DDD

- Control
 - No control system: (leave blank)
 - Jaga BMS 0-10V control: D03
 - Jaga 3 settings controller: D05
- Colour
- Length
- Height

STANDARD DELIVERY

- laquered casing in sendzimir galvanized steel plate with aluminium top grille
- condensation tray with drain
- aluminium-copper heat exchanger with hydrophilic coating
- sturdy casing manufactured from electro-galvanised steel
- tangential EC fan with stainless steel air filter

COLOURS

Standard colours

- traffic white RAL 9016 (133), soft touch lightly structured satin lacquer
- sandblast grey (001), fine texture metallic lak
- off-black (145), soft touch lightly-textured satin lacquer

Other colours

Other colours on request

CONNECTION

Standard

- 1/2" G hydronic connections on the left
- clamp connector for electric connection 24 VDC, to connect via an external power supply, on the right hand side.

Optional

Hydronic right, electric left:

Connection code **R** instead of **L**. No surcharge.

BRIZA 12 WALL MOUNTED MODEL

CONNECTION POSSIBILITIES

Eurocone connection set with thermoelectric motor



set **295** **KVS 0.8**

CODY SC5 24 4... 24 VDC
 CODY SC5 10 4... 0..10 VDC

fill in sleeve coupling code

Sleeve couplings 3/4" Eurocone

PRECISION METAL TUBE		SYNTHETIC OR RPE/ALU	
CODE	Tube Ø	CODE	Tube Ø
112	12/1	612	12/2
114	14/1	614	14/2
115	15/1	616	16/2
116	16/1	618	18/2
118	18/1	619	16/1.5
		620	20/2

Stainless steel flexible connections 1/2"



CODE	Length	
7990 068	200 < 260 mm	2 units

Connection set with 2 lockshield valves



set **290**

CODY LOC 00 4...

fill in sleeve coupling code

BRIZA 12 WALL MOUNTED MODEL

ELECTRICAL CONNECTION

POWER SUPPLIES

 **Jaga units are only CE: EN-60335 certified with use of the original Jaga power supplies**

Waterproof power supply 24 VDC with waterproof cable gland

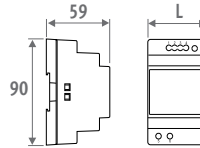


- with waterproof swivel nut connector
- in compliance with UL1310 - EN 60950-1 / Class II
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- output current 1.67 A
- output 40 Watts
- dimensions L 14.5 x B 4.5 x H 3.0 cm

CODE	
37603 010002	
P (add "P" to the order code)	pre-mountend

Ex.: BZMW 041 075 12 133 2 L P

Power supply DIN-rail assembly



- for DIN-rail or wall mounting in a electrical switchboard
- in compliance with UL60950 / UL508 / EN 60950-1 / TUV EN61558-2-16 / Class II
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- screw connection
- LED indicator

CODE	L mm	OUTPUT Watts	OUTPUT CURRENT A
7990 054	3.5	36	1.50
7990 055	5.3	60	2.50
7990 056	7.0	92	3.90
7990 057	10.3	150	6.25


BRIZA 12 WALL MOUNTED MODEL

CONTROLS (OPTIONAL)

JDPC (JAGA DYNAMIC PRODUCT CONTROLLER)



Control panel

CODE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control (D03)	  	-	✓	✓	-
Jaga 3 settings controller (D05)	  	✓	-	✓	-




NO JAGA CONTROL SYSTEM

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will send a 0-10 VDC signal. The fan will rotate proportionally to the 0-10 VDC signal.

JAGA BMS 0-10V CONTROL

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will transmit a 0-10V signal.
- When the fan recognises cold (<18°C) or hot (>28°C) water, it will rotate proportionally of the 0-10V signal

JAGA 3 SETTINGS CONTROLLER

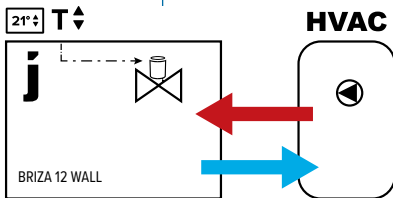
- When heat or cold is requested, an external signal (thermostat, BMS/home automation, ...) a thermal engine.
- Heating: The fan will rotate at a fixed speed once the water has reached the setting of 28°C.
- Cooling: he fan will rotate at a fixed speed once the water has reached the setting of 18°C.
- The user manually selects the desired mode via the control panel  /  /  / OFF. The unit can run at 3 speeds. The unit starts at the last selected speed(1, 2 or 3) when the preset water temperature is reached.

BRIZA 12 WALL MOUNTED MODEL WHICH CONTROL SYSTEM TO CHOOSE

Would you like the unit to have room temperature control?

Yes, unit with integrated room temperature control

Fans will start automatically when the internal control sends warm/cold water through the radiator.



Plug & Play

Temperature control via built-in WiFi thermostat (JRT 100B) (thermoelectric valve in the radiator connected to unit electronics)

Fan speed adapts to the room temperature and the set target room temperature (via fingertip control)

JAGA TW

Coding: F11 TW

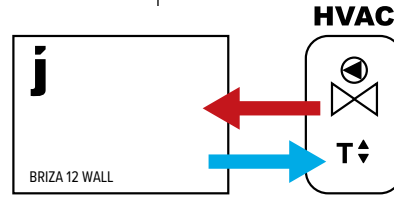
Unit included

- valve set
- power supply
- integrated temperature regulation (JRT 100 TW)

(Order sleeve couplings 3/4" Eurocone separate)

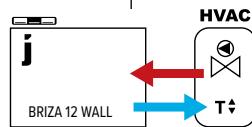
No, unit without integrated room temperature control

Fans will start automatically when the external control sends warm/cold water through the radiator



Without 0-10V signal:

- room thermostat (None-Jaga)
- area control with room temperature control
- boiler or heat pump control with room temperature control
- home automation with room temperature control
- other external room temperature controls



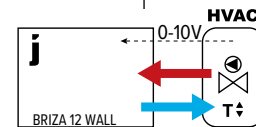
Choose 1 of 3 fan speeds (speed will not adjust, depending on room temperature)

JAGA 3 SETTINGS CONTROLLER

Coding: D05

0-10V signal for fan control available from:

- Jaga room thermostat with 0-10V signal to unit
- home automation with 0-10V signal to unit



Fan speed is controlled by 0-10V connection to the electronics in the radiator.

JAGA BMS

Coding: D03

Fan speed is controlled by 0-10V connection to electronics outside the radiator.

NO CONTROL SYSTEM

Coding: /

Unit including selected control system

Ordered optionally:

- valve set: set 295 or set 290
- Stainless steel flexible connections (in pairs)
- power supply: waterproof swivel nut connector or DIN Rail power supply
- thermostat (0-10V) outside the unit

HEIGHT			CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C			HEATING Room temperature 20°C				SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	WEIGHT	WATER CONTENT	ORDER CODE
H	L	T		16/18	7/12	7/12	35/30	45/40	50/45	55/45						
cm	cm	cm	V	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m³/h	Watts	kg	L		
BZMW 041 075 12	2			115	284	201	223	406	497	538	18.5	64	1.6	16.0	0.166	BZMW 041 075 12 XXX 2 L DDD
	4			135	328	235	256	465	569	617	29.4	101	2.6			
	6			159	382	276	296	537	657	712	31.3	141	4.3			
	8			185	441	323	346	629	770	834	37.3	178	7.2			
	10			214	503	373	413	751	919	996	42.5	214	13.0			
095 12	2			191	472	334	382	695	850	921	24.0	108	2.5	20.3	0.270	BZMW 041 095 12 XXX 2 L DDD
	4			217	529	379	421	764	935	1014	30.0	172	4.3			
	6			252	607	440	445	808	989	1072	36.8	223	7.2			
	8			297	707	518	555	1009	1234	1338	41.5	287	11.5			
	10			352	828	614	680	1236	1513	1640	44.5	346	18.0			
125 12	2			313	773	547	602	1093	1338	1450	24.6	146	2.6	27.5	0.433	BZMW 041 125 12 XXX 2 L DDD
	4			347	845	605	672	1222	1495	1620	30.2	221	4.8			
	6			396	953	691	765	1389	1700	1843	37.0	298	8.0			
	8			465	1106	811	895	1626	1991	2157	42.5	381	14.0			
	10			559	1314	974	1081	1963	2403	2604	47.0	448	24.0			
145 12	2			412	1015	718	742	1348	1650	1788	25.7	173	2.8	31.9	0.539	BZMW 041 145 12 XXX 2 L DDD
	4			450	1097	785	842	1529	1872	2028	30.5	268	5.5			
	6			505	1215	881	964	1751	2143	2323	37.3	373	10.3			
	8			584	1390	1019	1126	2046	2505	2714	43.0	466	18.5			
	10			698	1640	1216	1347	2448	2996	3247	47.0	510	28.8			

Output measured in accordance with EN 16430
 *Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m³ / reverberation time 0.5 sec.

enter colour code |
 enter control system code
 No control system: (leave blank)
 Jaga BMS 0-10V control: D03
 Jaga 3 settings controller: D05

BRIZA 12 WALL MOUNTED MODEL

HEIGHT 055

HEIGHT H cm	LENGTH L cm	TYPE T cm	CONTROL VOLTAGE U V	COOLING (non-condensing) Room temperature 27°C			HEATING Room temperature 20°C				SOUND PRESSURE LEVEL dB(A)	AIR FLOW m³/h	POWER CONSUMPTION Watts	WEIGHT kg	WATER CONTENT L	ORDER CODE
				16/18 Watts	7/12 Watts	7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts						
BZMW 055 075 12			2	170	419	296	346	629	770	835	19.2	81	2.0	18.0	0.332	BZMW 055 075 12 XXX 2 L DDD
				214	521	373	421	765	936	1014	25.2	118	3.2			
				256	617	447	495	899	1100	1193	32.2	154	5.5			
				296	705	517	568	1032	1263	1369	38.1	193	9.6			
				332	781	579	641	1164	1424	1544	42.5	228	16.8			
095 12			2	295	728	515	557	1012	1238	1342	23.0	116	2.2	23.0	0.540	BZMW 055 095 12 XXX 2 L DDD
				358	872	624	688	1250	1530	1658	27.8	176	3.6			
				426	1025	743	819	1488	1821	1973	34.4	238	5.7			
				492	1171	859	944	1716	2100	2276	39.9	291	9.6			
				550	1294	959	1060	1927	2358	2555	43.5	332	15.6			
125 12			2	474	1170	827	881	1601	1960	2124	23.1	153	2.8	30.0	0.866	BZMW 055 125 12 XXX 2 L DDD
				569	1387	993	1094	1988	2433	2636	29.1	236	5.4			
				676	1628	1179	1307	2374	2906	3149	36.5	321	10.0			
				783	1863	1365	1509	2742	3356	3637	42.5	398	18.0			
				877	2062	1529	1690	3071	3759	4074	46.5	467	28.8			
145 12			2	590	1455	1029	1116	2027	2481	2689	25.0	182	2.8	34.0	1.078	BZMW 055 145 12 XXX 2 L DDD
				709	1728	1237	1367	2484	3040	3295	30.8	270	5.5			
				843	2030	1471	1630	2962	3625	3929	37.5	360	10.0			
				977	2324	1704	1884	3424	4191	4542	42.8	455	18.0			
				1095	2575	1910	2110	3834	4692	5085	46.5	531	28.8			

Output measured in accordance with EN 16430

*Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m³ / reverberation time 0.5 sec.

enter colour code

enter control system code

No control system: (leave blank)

Jaga BMS 0-10V control: D03

Jaga 3 settings controller: D05

versatile
Heating · Cooling · Ventilation

BRIZA 12 CEILING MOUNTED MODEL



ELECTRICAL CONNECTION



ALUMINIUM TOP GRILLE, powder coated in the same colour as the unit

HEAT EXCHANGER with hydrophilic coating for optimum cooling performance

STURDY CASING manufactured from electro-galvanised steel

HYDRONIC CONNECTION

OPTION
condensate tray, for drainage
(\varnothing 2 cm) of condensate water

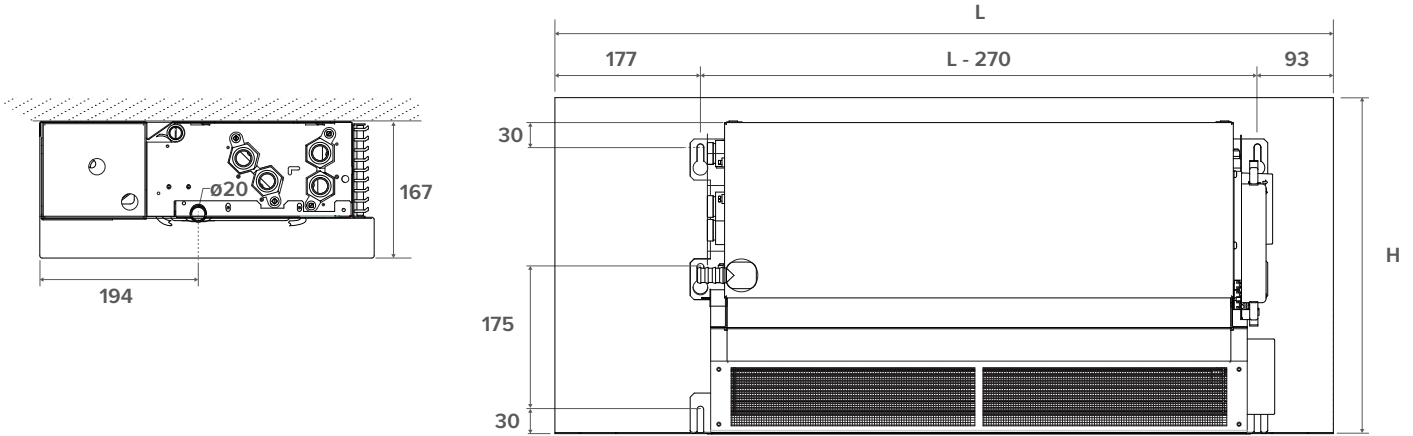
CONDENSATE TRAY

TANGENTIAL ACTIVATORS
with aluminium fins are provided with ball bearings and resin-coated EPDM vibration damping. built-in EC motor for a much lower energy consumption and a longer service life. The fans are equipped with a stainless steel air filter.

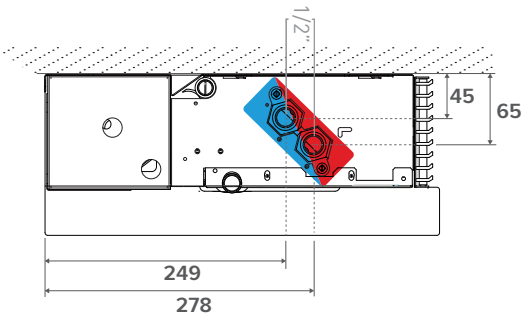
COATED HOUSING in sendzimir galvanised steel plate

BRIZA 12 CEILING MOUNTED MODEL

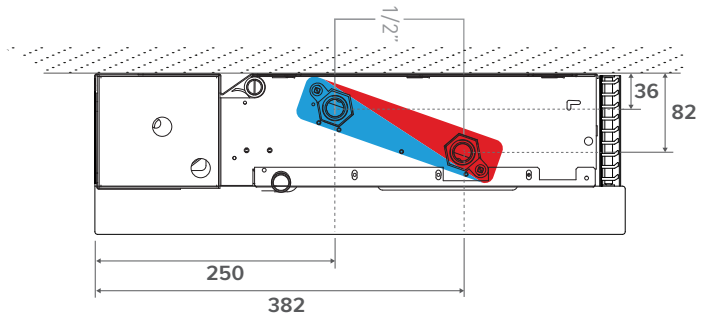
DIMENSIONS (in mm)



Height 41



Height 55



STANDARD DELIVERY

- laquered casing in sendzimir galvanized steel plate with aluminium top grille
- condensation tray with drain
- aluminium-copper heat exchanger with hydrophilic coating
- sturdy casing manufactured from electro-galvanised steel
- thermal Activator(s) (tangential mini activator)
- stainless steel air filter

COLOURS

Standard colours

- traffic white RAL 9016 (133), soft touch lightly structured satin lacquer
- sandblast grey (001), fine texture metallic lak
- off-black (145), soft touch lightly-textured satin lacquer

Other colours

Other colours on request.

CONNECTION

Standard

- 1/2" G hydronic connections on the left
- clamp connector for electric connection 24 VDC, to connect via an external power supply, on the right hand side.

Optional

Hydronic right, electric left:

Connection code **R** instead of **L**. No surcharge.

ORDER CODE BRIZA 12 CEILING MOUNTED MODEL

BZMC 041 075 12 XXX 2 L DDD

- Control:
 - No control system : (leave blank)
 - Jaga BMS 0-10V control: D03
- Colour
- Length
- Height

BRIZA 12 CEILING MOUNTED MODEL

CONNECTION POSSIBILITIES

Eurocone connection set with thermoelectric motor



set **295** **KVS 0.8**

CODY SC5 24 4... 24 VDC
 CODY SC5 10 4... 0..10 VDC

fill in sleeve coupling code

Connection set with 2 lockshield valves



set **290**

CODY LOC 00 4...

fill in sleeve coupling code

Sleeve couplings 3/4" Eurocone

PRECISION METAL TUBE		SYNTHETIC OR RPE/ALU	
CODE	Tube Ø	CODE	Tube Ø
112	12/1	612	12/2
114	14/1	614	14/2
115	15/1	616	16/2
116	16/1	618	18/2
118	18/1	619	16/1.5
		620	20/2

Stainless steel flexible connections 1/2"



CODE	Length	
7990 068	200 < 260 mm	2 units

HYDRONIC CONNECTION

CONDENSATION SOLUTIONS

Condensate pump



CODE
 8773 0101

BRIZA 12 CEILING MOUNTED MODEL

ELECTRICAL CONNECTION

POWER SUPPLIES

 **Jaga units are only CE: EN-60335 certified with use of the original Jaga power supplies**

Waterproof power supply 24 VDC with waterproof cable gland

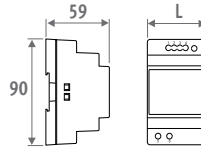


- with waterproof swivel nut connector
- in compliance with UL1310 - EN 60950-1 / Class II
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- output current 1.67 A
- output 40 Watts
- dimensions L 14.5 x B 4.5 x H 3.0 cm

CODE	
37603 010002	
P (add "P" to the order code)	pre-mountend

Ex.: BZMC 041 075 12 133 2 L D03 P

Power supply DIN-rail assembly



- for DIN-rail or wall mounting in a electrical switchboard
- in compliance with UL60950 / UL508 / EN 60950-1 / TUV EN61558-2-16 / Class II
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- screw connection
- LED indicator




CODE	L mm	OUTPUT Watts	OUTPUT CURRENT A
7990 054	3.5	36	1.50
7990 055	5.3	60	2.50
7990 056	7.0	92	3.90
7990 057	10.3	150	6.25

BRIZA 12 CEILING MOUNTED MODEL

CONTROLS (OPTIONAL)

JDPC (JAGA DYNAMIC PRODUCT CONTROLLER)



CODE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control (D03)	  	-	✓	✓	-

NO JAGA CONTROL SYSTEM

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will send a 0-10 VDC signal. The fan will rotate proportionally to the 0-10 VDC signal.

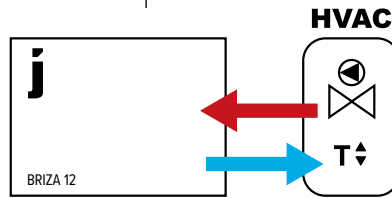
JAGA BMS 0-10V CONTROL

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will transmit a 0-10V signal.
- When the fan recognises cold (<18°C) or hot (>28°C) water, it will rotate proportionally of the 0-10V signal

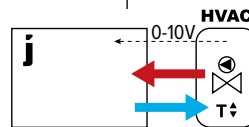
BRIZA 12 CEILING MOUNTED MODEL

WHICH CONTROL SYSTEM TO CHOOSE?

Unit without integrated room temperature control
Fans will start automatically when the external control sends warm/
cold water through the radiator



0-10V signal for fan control available from
- Jaga room thermostat with 0-10V signal to unit
- home automation with 0-10V signal to unit



Fan speed is controlled by
0-10V connection to the
electronics in the radiator.

Fan speed is controlled by
0-10V connection to electronics
outside the radiator.

JAGA BMS

NO CONTROL SYSTEM

Coding:

D03

/

Unit including selected control system

Ordered optionally:

- valve set: set 295 or set 290
- Stainless steel flexible connections (in pairs)
- power supply: waterproof swivel nut connector or DIN Rail power supply
- thermostat (0-10V) outside the unit

BRIZA 12 CEILING-MOUNTED MODEL

HEIGHT 041

HEIGHT			CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C			HEATING Room temperature 20°C				SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	WEIGHT	WATER CONTENT	ORDER CODE
H	L	T		16/18	7/12	7/12	35/30	45/40	50/45	55/45						
cm	cm	cm	V	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m³/h	Watts	kg	L		
BZMC 041 075 12	2	115	284	201	223	406	497	538	18.5	64	1.6	16.0	0.166	BZMC 041 075 12 XXX 2 L DDD		
	4	135	328	235	256	465	569	617	29.4	101	2.6					
	6	159	382	276	296	537	657	712	31.3	141	4.3					
	8	185	441	323	346	629	770	834	37.3	178	7.2					
	10	214	503	373	413	751	919	996	42.5	214	13.0					
095 12	2	191	472	334	382	695	850	921	24.0	108	2.5	20.3	0.270	BZMC 041 095 12 XXX 2 L DDD		
	4	217	529	379	421	764	935	1014	30.0	172	4.3					
	6	252	607	440	445	808	989	1072	36.8	223	7.2					
	8	297	707	518	555	1009	1234	1338	41.5	287	11.5					
	10	352	828	614	680	1236	1513	1640	44.5	346	18.0					
125 12	2	313	773	547	602	1093	1338	1450	24.6	146	2.6	27.5	0.433	BZMC 041 125 12 XXX 2 L DDD		
	4	347	845	605	672	1222	1495	1620	30.2	221	4.8					
	6	396	953	691	765	1389	1700	1843	37.0	298	8.0					
	8	465	1106	811	895	1626	1991	2157	42.5	381	14.0					
	10	559	1314	974	1081	1963	2403	2604	47.0	448	24.0					
145 12	2	412	1015	718	742	1348	1650	1788	25.7	173	2.8	31.9	0.539	BZMC 041 145 12 XXX 2 L DDD		
	4	450	1097	785	842	1529	1872	2028	30.5	268	5.5					
	6	505	1215	881	964	1751	2143	2323	37.3	373	10.3					
	8	584	1390	1019	1126	2046	2505	2714	43.0	466	18.5					
	10	698	1640	1216	1347	2448	2996	3247	47.0	510	28.8					

Output measured in accordance with EN 16430

*Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m³ / reverberation time 0.5 sec.

enter colour code |
 enter control system code
 No control system: (leave blank)
 Jaga BMS 0-10V control: D03

BRIZA 12 CEILING-MOUNTED MODEL

HEIGHT 055

HEIGHT H cm	LENGTH L cm	TYPE T cm	CONTROL VOLTAGE U V	COOLING (non-condensing) Room temperature 27°C			HEATING Room temperature 20°C				SOUND PRESSURE LEVEL dB(A)	AIR FLOW m³/h	POWER CONSUMPTION Watts	WEIGHT kg	WATER CONTENT L	ORDER CODE
				16/18 Watts	7/12 Watts	7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts						
BZMC 055 075 12			2	170	419	296	346	629	770	835	19.2	81	2.0	18.0	0.332	BZMC 055 075 12 XXX 2 L DDD
				214	521	373	421	765	936	1014	25.2	118	3.2			
				256	617	447	495	899	1100	1193	32.2	154	5.5			
				296	705	517	568	1032	1263	1369	38.1	193	9.6			
				332	781	579	641	1164	1424	1544	42.5	228	16.8			
095 12			2	295	728	515	557	1012	1238	1342	23.0	116	2.2	23.0	0.540	BZMC 055 095 12 XXX 2 L DDD
				358	872	624	688	1250	1530	1658	27.8	176	3.6			
				426	1025	743	819	1488	1821	1973	34.4	238	5.7			
				492	1171	859	944	1716	2100	2276	39.9	291	9.6			
				550	1294	959	1060	1927	2358	2555	43.5	332	15.6			
125 12			2	474	1170	827	881	1601	1960	2124	23.1	153	2.8	30.0	0.866	BZMC 055 125 12 XXX 2 L DDD
				569	1387	993	1094	1988	2433	2636	29.1	236	5.4			
				676	1628	1179	1307	2374	2906	3149	36.5	321	10.0			
				783	1863	1365	1509	2742	3356	3637	42.5	398	18.0			
				877	2062	1529	1690	3071	3759	4074	46.5	467	28.8			
145 12			2	590	1455	1029	1116	2027	2481	2689	25.0	182	2.8	34.0	1.078	BZMC 055 145 12 XXX 2 L DDD
				709	1728	1237	1367	2484	3040	3295	30.8	270	5.5			
				843	2030	1471	1630	2962	3625	3929	37.5	360	10.0			
				977	2324	1704	1884	3424	4191	4542	42.8	455	18.0			
				1095	2575	1910	2110	3834	4692	5085	46.5	531	28.8			

Output measured in accordance with EN 16430

*Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m³ / reverberation time 0.5 sec.

enter colour code

enter control system code

No control system: (leave blank)

Jaga BMS 0-10V control: D03

JRT-100 TB
BLACK

8751 050019

JRT-100 TW
WHITE

8751 050017

JRT-200 W



8751 050021

RDG 260T



8751 050020

RDG264KN



8751 050018

JRT-100 TB / TW

JRT-200 W

RDG 260T

RDG264KN

POWER SUPPLY

supply voltage

24V DC

24V DC

24V DC

24V DC

OUTPUT / INPUT VOLTAGE

valve 24V DC contact

2 (NO)

2

-

-

potential-free contact

-

-

3 (NO)

3 (NO)

input from keycard

-

-

✓

✓

input from window contact

-

-

✓

✓

fan (0 - 10 V DC)

max. +/- 10 mA

max. +/- 10 mA

max. +/- 5 mA

max. +/- 5 mA

manual 3-position
speed controller

✓

✓

✓

✓

automatic mode

✓

✓

✓

✓

APPLICATIONS

2-pipe



manual (H/C)

✓

✓

✓

✓

auto (H/C) -

water temperature
sensor required

-

-

✓

✓

4-pipe



manual (H/C)

✓

✓

✓

✓

auto (H/C)

✓

✓

✓

✓

DIMENSIONS

for wall mounting

-

✓

✓

✓

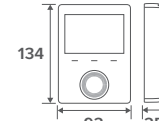
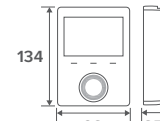
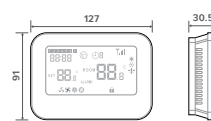
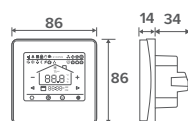
for recessed-mounting

✓

optional

optional

optional



POSITION

LCD display with backlight

-

✓

✓

✓

LCD touch screen
with backlight

✓

-

-

-

protection category IP20

-

✓

-

-

protection category IP30

✓

-

✓

✓

Integrated CO₂-sensor

-

-

-

✓

humidity sensor

-

-

-

✓

FEATURES

programmable time zones

✓

✓

✓

✓

control via Wi-Fi
(smartphone app)

✓

✓

-

-

fan start delay

-

-

✓

✓

continuous fan speed

-

-

✓

✓

temperature sensor 80 cm

✓

optional

optional

optional

The indicated outputs at ΔT 50 are exact values measured in accordance with EN16430. This table provides a calculated value using an average correction factor for all other ΔT outputs, valid for all dimensions.

Click www.jaga.com/selection-tools/ to download the calculation tools with the exact outputs. The online calculation tools are kept up to date with the most recent data. Minor output differences between printed tables and the different online calculation tools are therefore completely normal and within the margins of tolerance imposed by the standard.

AVERAGE CORRECTION FACTORS DYNAMIC PRODUCTS - 75/65/20°C

room temperature: 20°C Average N-value: 1.00

	TR	65	60	55	50	45	40	35	30	25
TA										
75	1.00	0.95	0.89	0.83	0.76	0.69	0.62	0.53	0.42	
70	0.95	0.90	0.84	0.79	0.72	0.66	0.58	0.50	0.39	
65		0.85	0.80	0.74	0.68	0.62	0.55	0.47	0.37	
60			0.75	0.70	0.64	0.58	0.51	0.43	0.34	
55				0.65	0.60	0.54	0.47	0.40	0.31	
50					0.55	0.49	0.43	0.37	0.28	
45						0.45	0.39	0.33	0.25	
40							0.35	0.29	0.22	
35								0.25	0.18	
30									0.14	

room temperature: 24°C Average N-value: 1.00

	TR	65	60	55	50	45	40	35	30	25
TA										
75		0.92	0.86	0.81	0.74	0.68	0.61	0.52	0.42	0.26
70		0.87	0.82	0.76	0.70	0.64	0.57	0.49	0.39	0.24
65			0.77	0.72	0.66	0.60	0.53	0.46	0.37	0.22
60				0.67	0.62	0.56	0.49	0.42	0.34	0.20
55					0.57	0.52	0.46	0.39	0.31	0.18
50						0.47	0.41	0.35	0.27	0.15
45							0.37	0.31	0.24	0.13
40								0.27	0.20	0.11
35									0.17	0.08
30										0.06

GUIDELINE FOR LIMITING FLOW NOISE

TUBE	outer \varnothing mm	Wall thick- ness mm	Max. water speed (EN10255) m/s	water content per metre l	max. water flow kg/h	Maximum power at ΔT (° C) (T supply - T return)									
						ΔT 30	ΔT 20	ΔT 10	ΔT 5	ΔT 4	ΔT 3	ΔT 2			
						Watts	Watts	Watts	Watts	Watts	Watts	Watts			
GALVANISED PIPE DIN 2440															
3/8 DN10 OD	17.2	2.35	0.40	0.12	173	6028	4019	2009	1005	804	603	402			
1/2 DN15 OD	21.3	2.65	0.40	0.20	288	10046	6698	3349	1674	1340	1005	670			
3/4 DN20 OD	26.9	2.65	0.42	0.37	559	19515	13010	6505	3253	2602	1952	1301			
1 DN25 OD	33.7	3.25	0.49	0.58	1023	35690	23793	11897	5948	4759	3569	2379			
1 1/4 DN32 OD	42.4	3.25	0.60	1.01	2182	76101	50734	25367	12684	10147	7610	5073			
1 1/2 DN40 OD	48.3	3.25	0.66	1.37	3255	113549	75700	37850	18925	15140	11355	7570			
2 DN50 OD	60.3	3.65	0.80	2.21	6365	222025	148017	74008	37004	29603	22203	14802			
PRECISION METAL TUBE															
10/1	10	1.00	0.40	0.05	72	2512	1674	837	419	335	251	167			
12/1	12	1.00	0.40	0.08	115	4019	2679	1340	670	536	402	268			
14/1	14	1.00	0.40	0.11	158	5526	3684	1842	921	737	553	368			
15/1	15	1.00	0.40	0.13	187	6530	4353	2177	1088	871	653	435			
16/1	16	1.00	0.40	0.15	216	7535	5023	2512	1256	1005	753	502			
18/1	18	1.00	0.40	0.20	288	10046	6698	3349	1674	1340	1005	670			
22/1	22	1.00	0.40	0.31	446	15572	10381	5191	2595	2076	1557	1038			
28/1	28	1.00	0.47	0.53	904	31522	21014	10507	5254	4203	3152	2101			
RPE/ALU															
12/2	12	2.00	0.40	0.05	72	2512	1674	837	419	335	251	167			
14/2	14	2.00	0.40	0.08	115	4019	2679	1340	670	536	402	268			
16/1.5	16	1.50	0.40	0.13	187	6530	4353	2177	1088	871	653	435			
16/2	16	2.00	0.40	0.11	158	5526	3684	1842	921	737	553	368			
17/2	17	2.00	0.40	0.13	187	6530	4353	2177	1088	871	653	435			
18/2	18	2.00	0.40	0.15	216	7535	5023	2512	1256	1005	753	502			
20/2	20	2.00	0.40	0.20	288	10046	6698	3349	1674	1340	1005	670			
26/3	26	3.00	0.40	0.31	446	15572	10381	5191	2595	2076	1557	1038			
32/3	32	3.00	0.47	0.53	904	31522	21014	10507	5254	4203	3152	2101			
40/3.5	40	3.50	0.56	0.86	1726	60220	40147	20073	10037	8029	6022	4015			
50/4.25	50	4.25	0.66	1.35	3206	111824	74549	37275	18637	14910	11182	7455			
63/5	63	5.00	0.80	2.21	6346	221359	147573	73786	36893	29515	22136	14757			

Maximum cable length in function of the number of units. For more information, contact Jaga.

		MAX. CABLE LENGTH (M)									
		5	10	15	20	25	30	40	50	75	100
TOTAL OUTPUT (W)	100	0,01	0,01	0,02	0,03	0,03	0,04	0,05	0,07	0,10	0,13
	200	0,01	0,03	0,04	0,05	0,07	0,08	0,11	0,13	0,20	0,26
	300	0,02	0,04	0,06	0,08	0,10	0,12	0,16	0,20	0,30	0,40
	400	0,03	0,05	0,08	0,11	0,13	0,16	0,21	0,26	0,40	0,53
	500	0,03	0,07	0,10	0,13	0,17	0,20	0,26	0,33	0,50	0,66
	600	0,04	0,08	0,12	0,16	0,20	0,24	0,32	0,40	0,60	0,79
	700	0,05	0,09	0,14	0,19	0,23	0,28	0,37	0,46	0,69	0,93
	800	0,05	0,11	0,16	0,21	0,26	0,32	0,42	0,53	0,79	1,06
	900	0,06	0,12	0,18	0,24	0,30	0,36	0,48	0,60	0,89	1,19
	1000	0,07	0,13	0,20	0,26	0,33	0,40	0,53	0,66	0,99	1,32
	1100	0,13	0,26	0,40	0,53	0,66	0,79	1,06	1,32	1,98	2,65
	1200	0,20	0,40	0,60	0,79	0,99	1,19	1,59	1,98	2,98	3,97
	1300	0,26	0,53	0,79	1,06	1,32	1,59	2,12	2,65	3,97	
	1400	0,33	0,66	0,99	1,32	1,65	1,98	2,65	3,31		
	1500	0,40	0,79	1,19	1,59	1,98	2,38	3,18	3,97		

MIN. THREAD SECTION:

< 0.75 mm ²	< 1.5 mm ²	< 2.5 mm ²	< 4 mm ²
------------------------	-----------------------	-----------------------	---------------------

SAMPLE WIRE DIAGRAMS ELECTRICAL INSTALLATION

Jaga aims to simplify your installation process with these sample diagrams. Perfectly align your power supply, thermostatic valve mounting, control system, pipe system, temperature monitoring and number of units per area.

Here, you can find the most common combinations. Feel free to ask for more variations at info@jaga.com.

1. POWER SUPPLY

Option 1: component power (inside the unit)

Option 2: power supply DIN-rail assembly (outside the unit)

2. THERMOSTATIC VALVE

Option 1: on the tap (inside the unit)

Option 2: on the collector (outside the unit)

3. CHOICE OF CONTROL SYSTEM

Option 1: thermostat JRT-100TW

Option 2: thermostat JRT-100

Option 3: thermostat JRT-200

Option 4: thermostat RDG 160T

Option 5: home automation

4. HYDRONIC

Option 1: two-pipe system

5. TEMPERATURE MONITORING

Option 1: with temperature monitoring

Option 2: without temperature monitoring

6. UNITS / ZONE

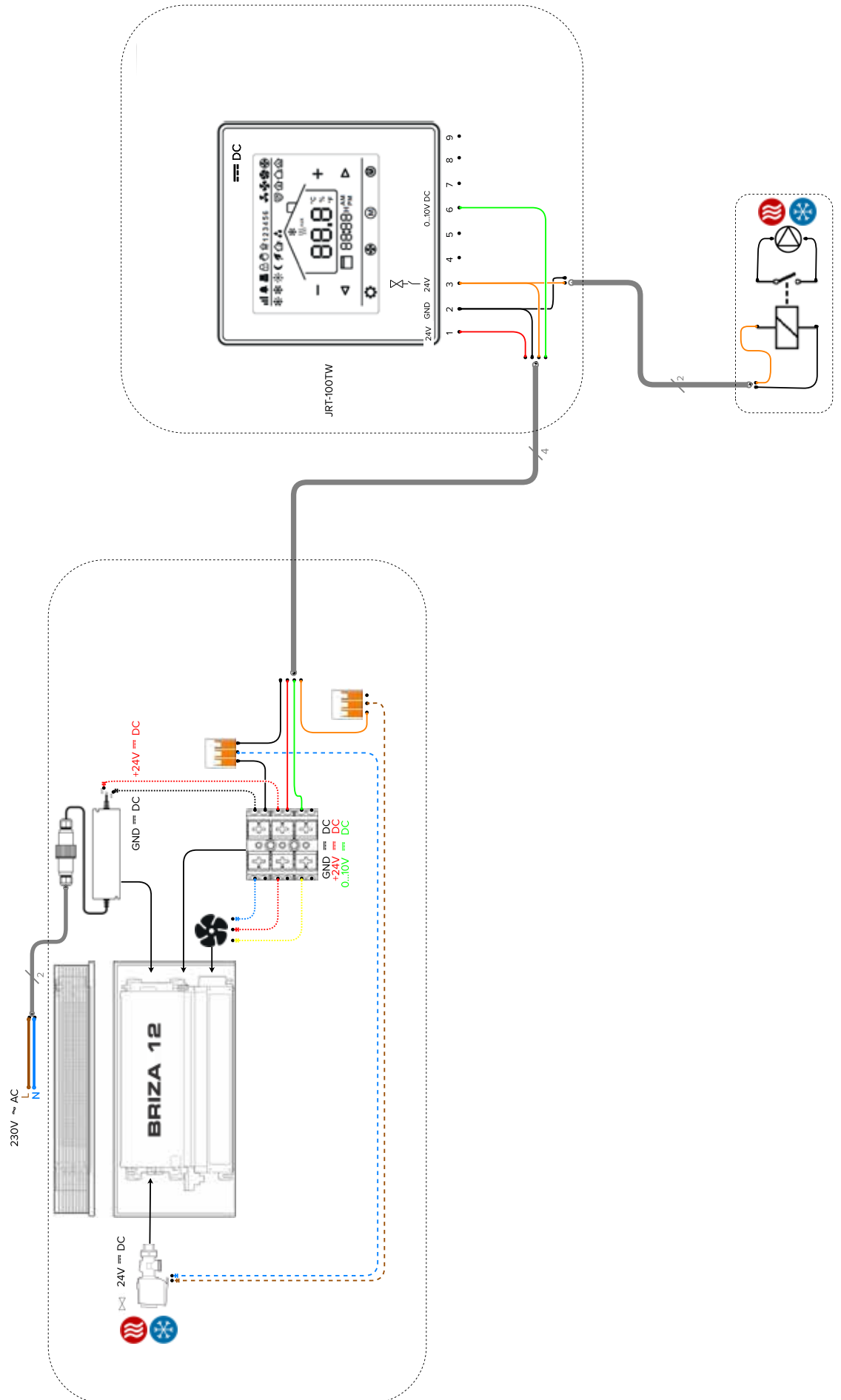
Option 1: one unit

Option 2: multiple units

BRIZA 12

SAMPLE DIAGRAM 1

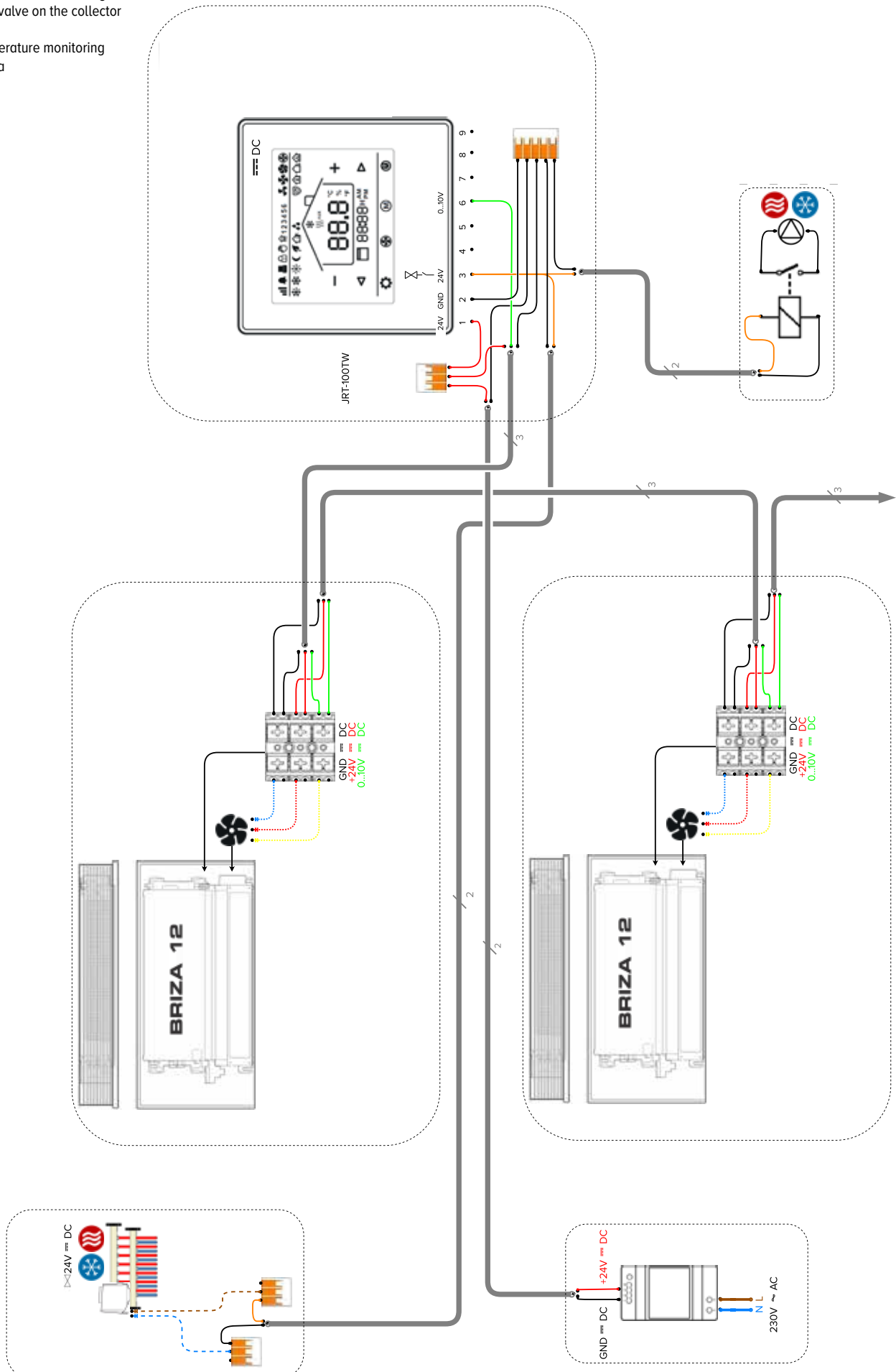
- 2-pipe
- component power
- thermostatic valve inside the unit
- JRT100TW
- without temperature monitoring
- 1 unit per area



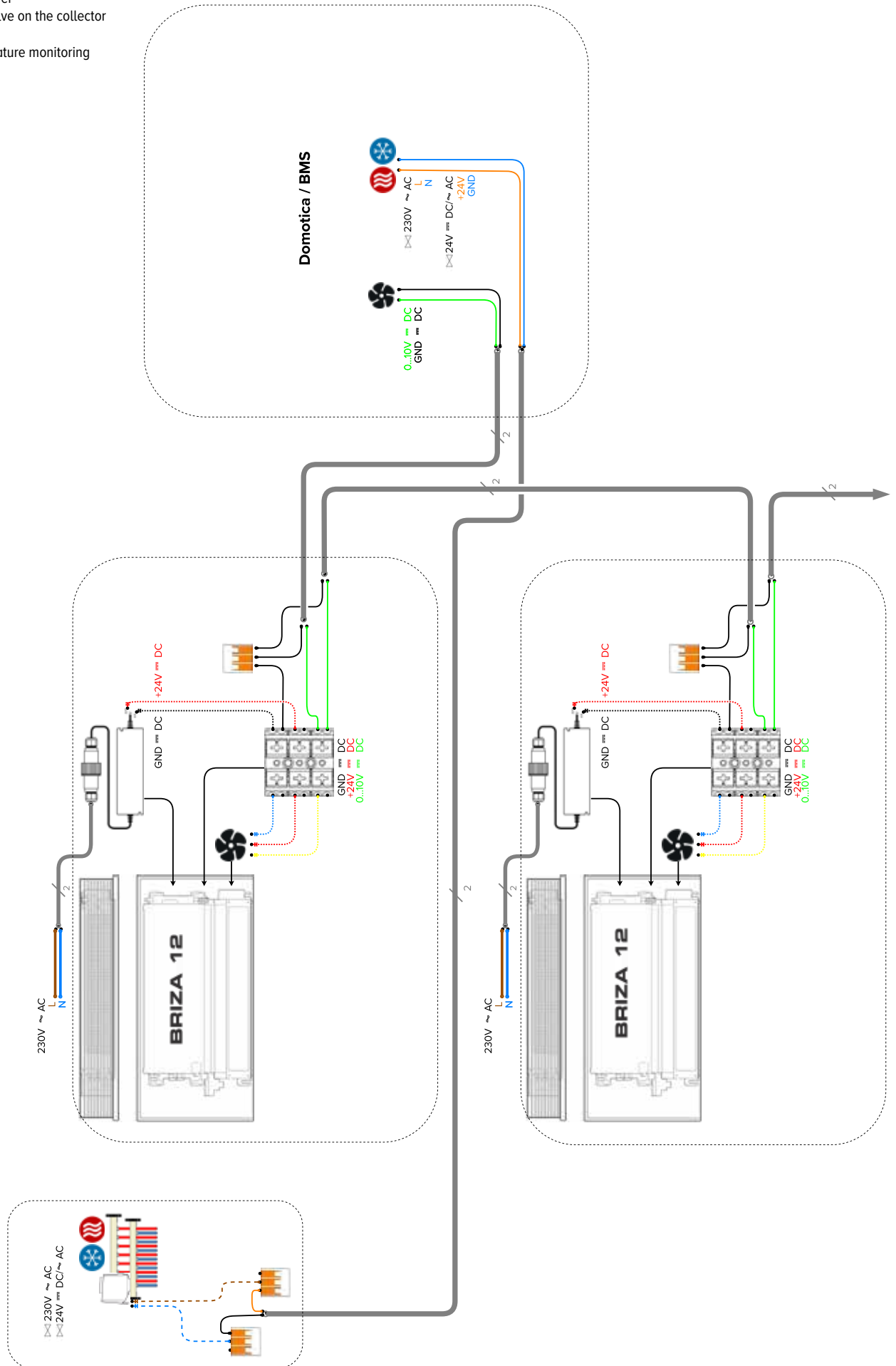
BRIZA 12

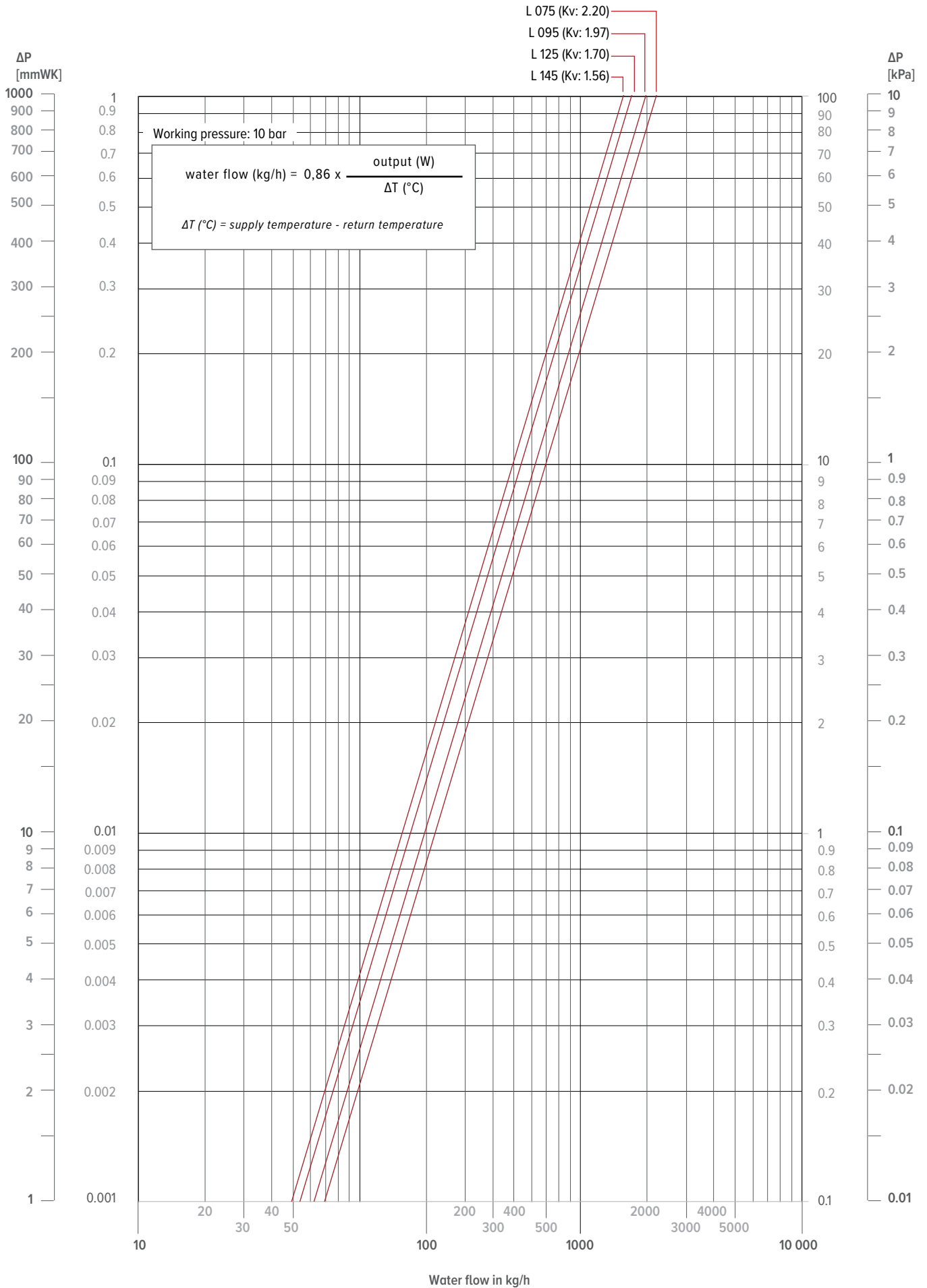
SAMPLE DIAGRAM 2

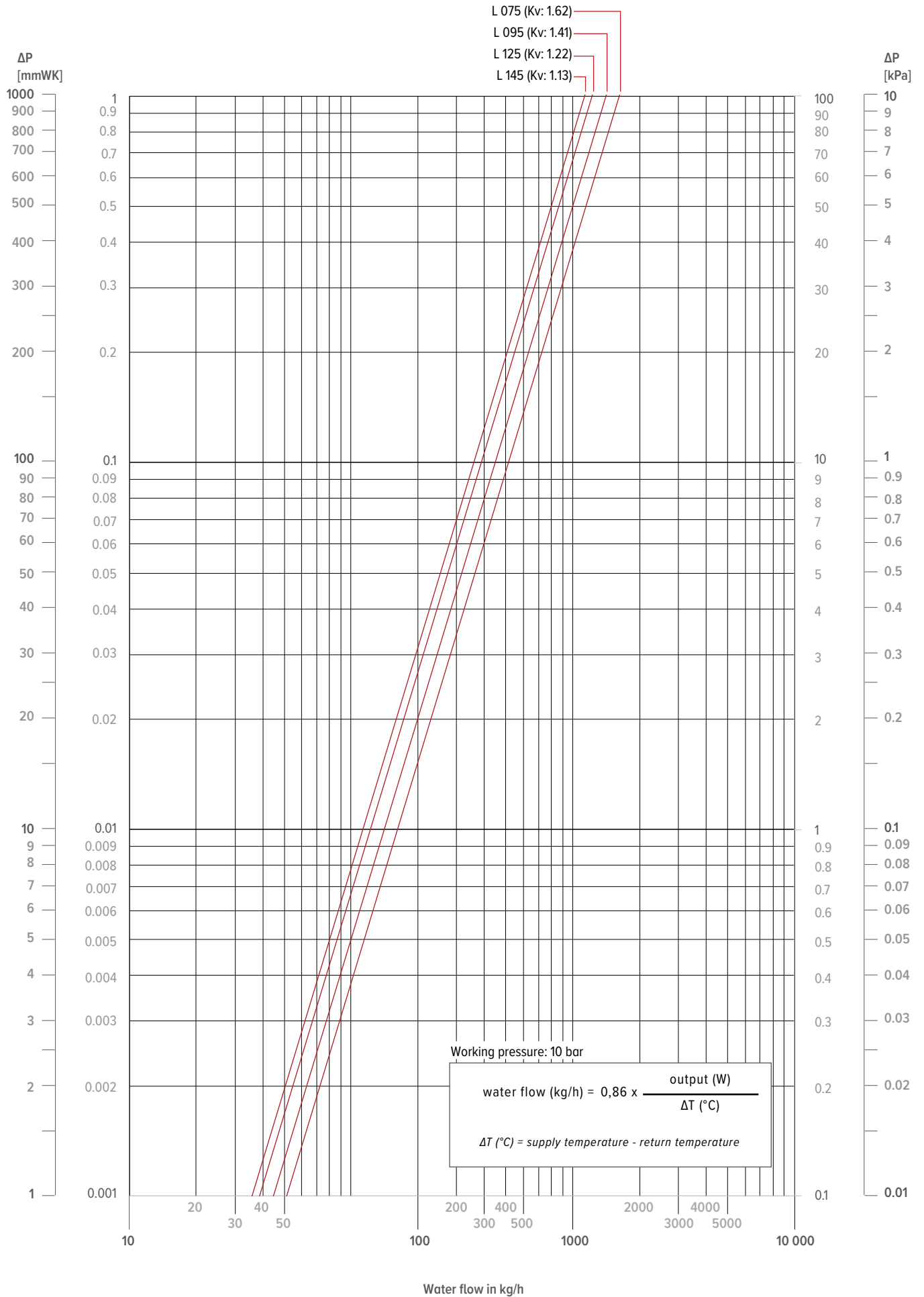
- 2-pipe
- power supply DIN-rail assembly
- thermostatic valve on the collector
- JRT100TW
- without temperature monitoring
- 1 unit per area



- 2-pipe
- component power
- thermostatic valve on the collector
- BMS
- without temperature monitoring
- 1 unit per area









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Beechmount Homepark,
Townparks,
Navan,
Co.Meath