jaga

CLIMATE DESIGNERS

BRIZA 12

EXPORT@JAGA.BE +32 (0) 11 29 41 12

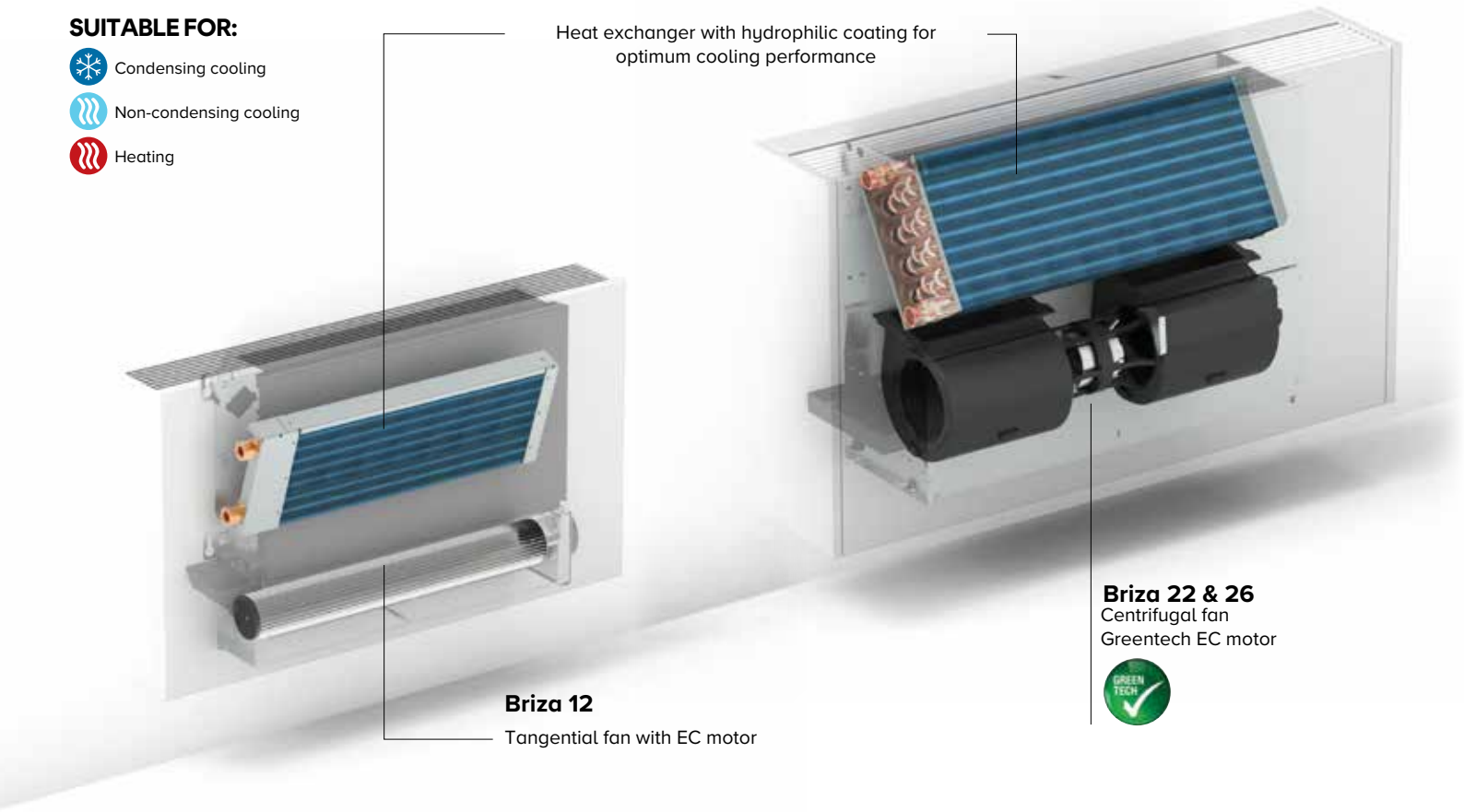
BRIZA 12

BRIZA - JAGA 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:

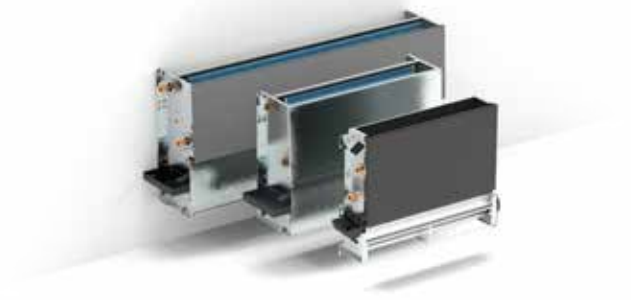
- Condensing cooling
- Non-condensing cooling
- Heating



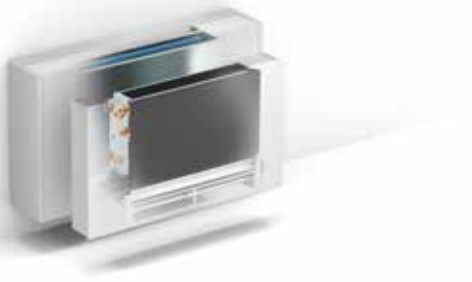
OVERALL USABILITY

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

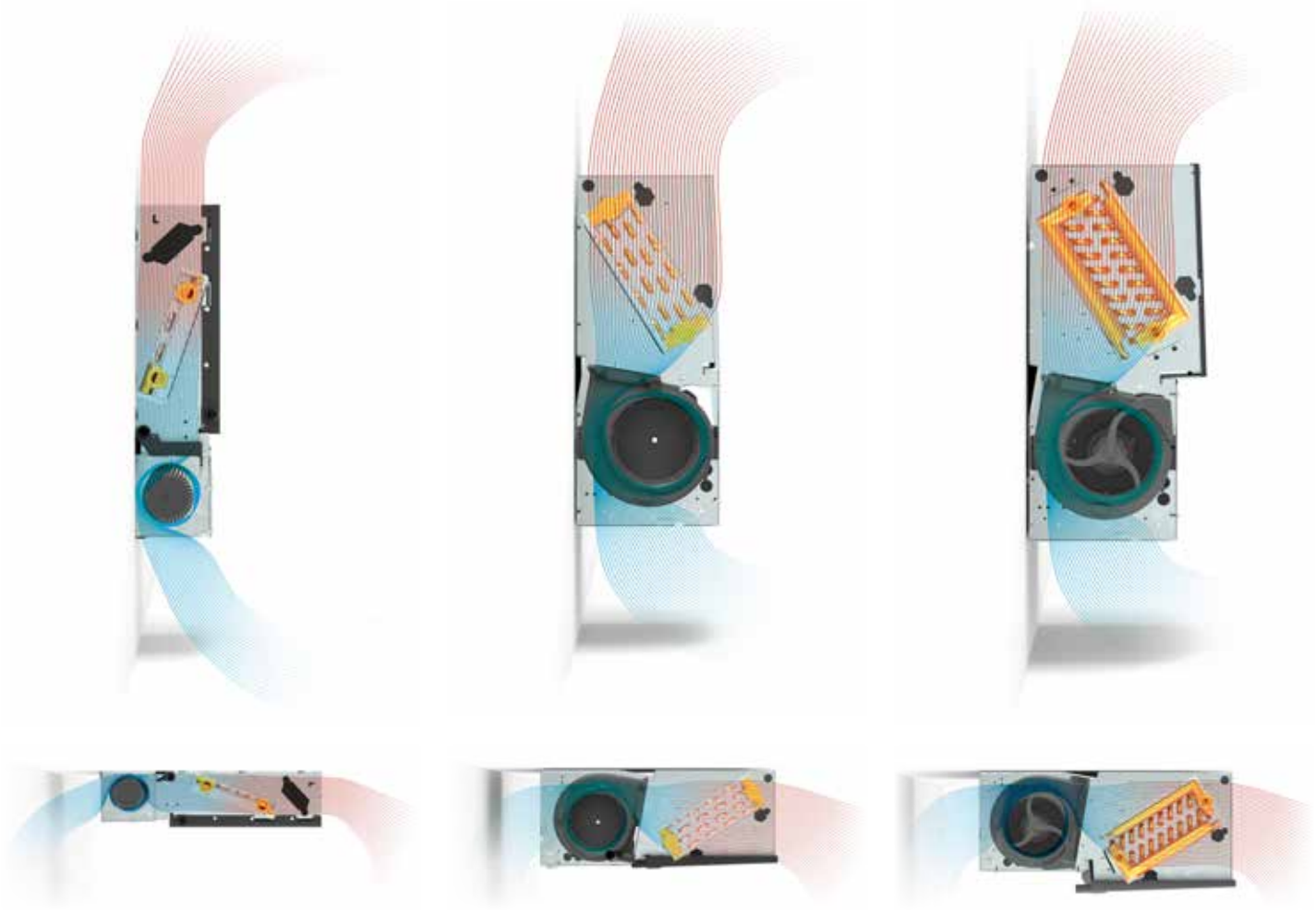


WALL-MOUNTED MODEL



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:

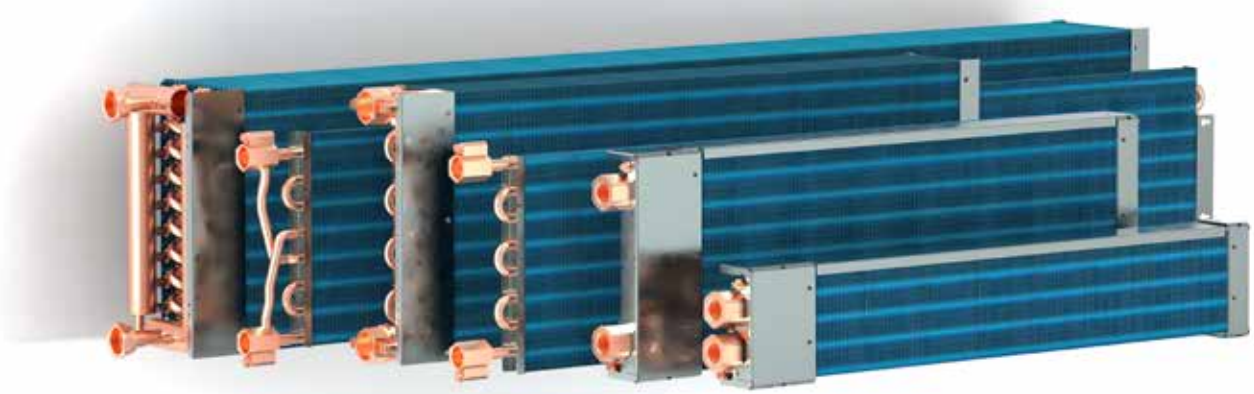
- Offices & commercial spaces
- Larger surfaces

BRIZA 26

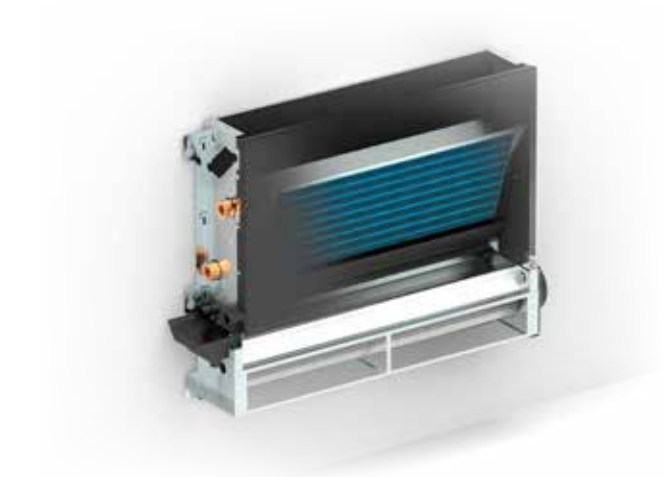
When large output capacities are required, that's when the Briza 26 comes into play. Large spaces with high ceilings are no obstacle for this power unit. Energy-efficient and high-performance.

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)

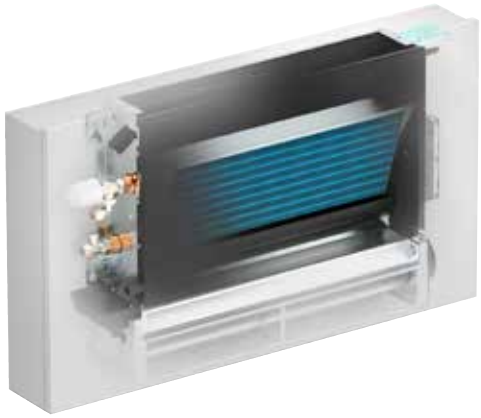
Briza 12 Built-in ceiling

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 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)

Briza 12 Wall mounted model
Plug & Play

jaga

CLIMATE
DESIGNERS

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

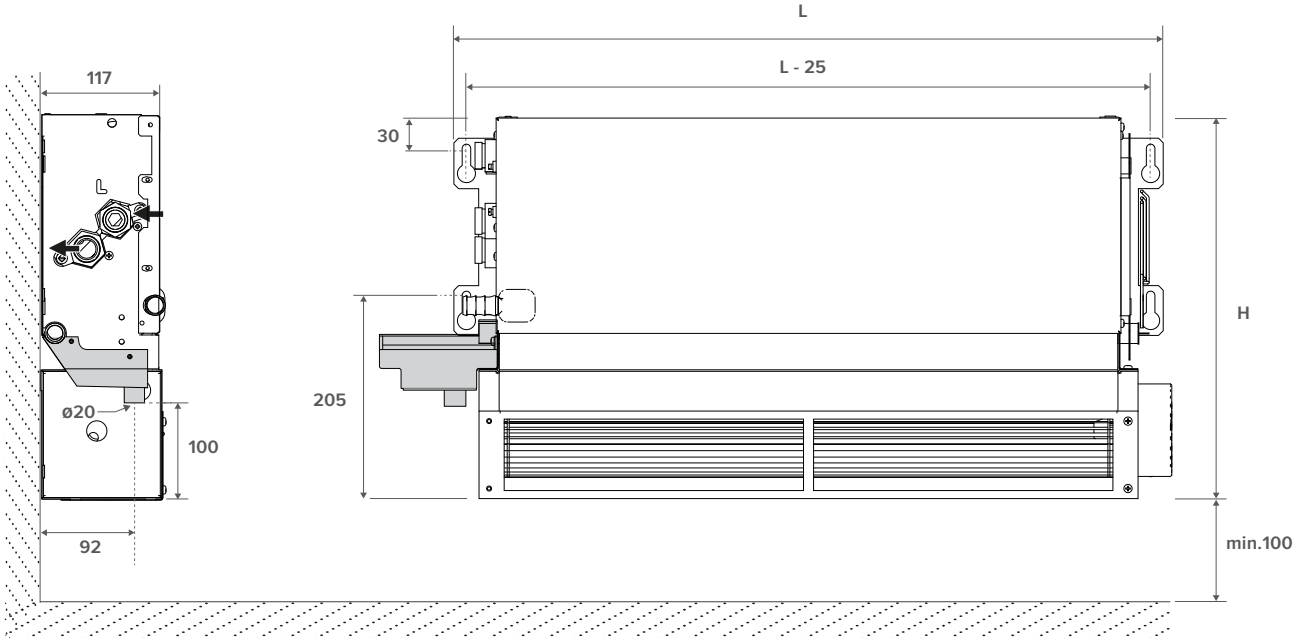
HYDRONIC CONNECTION

CONDENSATE TRAY
with outlet spiggot ø 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

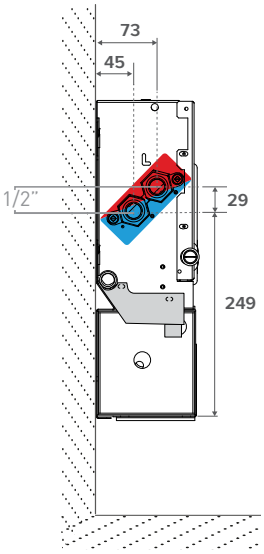
BZBW 038 052 12 2 L DDD

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

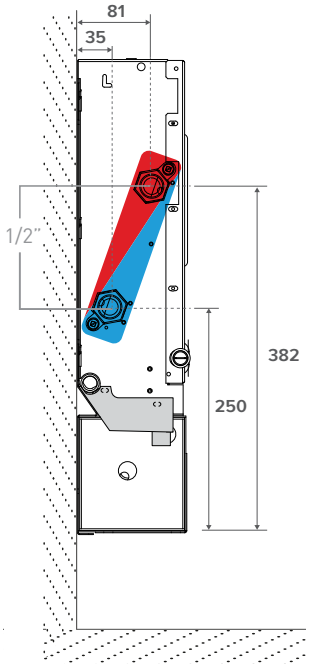
BRIZA 12 INSTALLATION IN A WALL RECESS

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

BRIZA 12 INSTALLATION IN A WALL RECESS

ELECTRICAL CONNECTION

POWER SUPPLIES

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

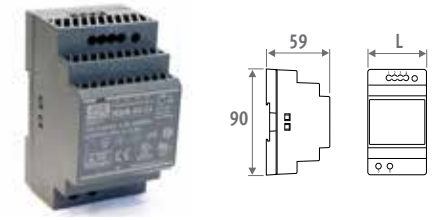
Waterproof power supply 24 VDC with waterproof cable gland

- 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.: 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

MAXIMUM CABLE LENGTH

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

CABLE LENGTH *(m)*	*10*	*20*	*30*	*40*	*50*	*60*	*70*	*80*	*90*	*100*
Ø CABLE	NUMBER OF BRIZA 12 L052									
1 mm²	5	2	2	2	1					
1.5 mm²	8	4	4	2	2	2	2	1		
2.5 mm²	13	6	4	3	3	2	2	2	2	1
Ø CABLE	NUMBER OF BRIZA 12 L072									
1 mm²	4	2	2	1						
1.5 mm²	6	3	2	2	2	1				
2.5 mm²	11	5	3	3	2	2	2	2	2	1
Ø CABLE	NUMBER OF BRIZA 12 L102									
1 mm²	3	3	1							
1.5 mm²	5	2	2	2	1					
2.5 mm²	9	4	4	2	2	2	2	1		
Ø CABLE	NUMBER OF BRIZA 12 L122									
1 mm²	3	3	1							
1.5 mm²	4	2	2	1						
2.5 mm²	8	4	4	2	2	2	1			

JAGA 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 termostat will open the thermoelectric valve.
- Upon request for cold or heat, a BMS/home automation system or a JAGA termostat 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 termostat 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

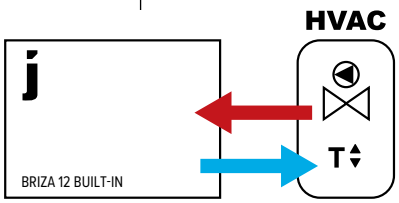
JAGA 3 SETTINGS CONTROLLER

- When heat or cold are requested, a BMS/home automation system will open up the thermoelectric valve.
- 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

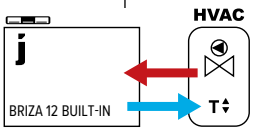
WHICH JAGA CONTROL SYSTEM TO CHOOSE?

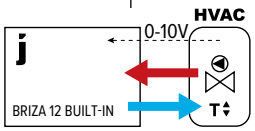
Unit without integrated room temperature control
Fans will start automatically when the external control sends warm/cold water through the radiator



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: D05 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 INSTALLATION IN A WALL RECESS

HEIGHT 038

	HEIGHT	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING 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)	m^3/h	Watts	kg	L	
BZBW	**038**	**052**	**12**	**2**	113	197	279	247	450	550	596	19.0	70	1.6	7.0	0.166	BZBW 038 052 12 2 L DDD
				4	142	248	347	285	517	633	686	25.2	111	2.6			
				6	172	301	415	324	589	721	781	32.5	155	4.3			
				8	203	355	484	379	688	842	912	39.0	196	7.2			
				10	235	410	553	454	826	1010	1095	44.0	235	13.0			
		072	**12**	**2**	198	345	488	401	728	891	966	21.5	119	2.5	9.0	0.270	BZBW 038 072 12 2 L DDD
				4	234	408	570	490	891	1090	1182	27.5	189	4.3			
				6	277	484	668	519	944	1155	1252	34.9	245	7.2			
				8	329	573	782	609	1106	1354	1467	40.7	315	11.5			
				10	387	676	911	748	1358	1662	1802	45.0	380	18.0			
		102	**12**	**2**	326	569	804	644	1171	1433	1553	23.1	160	2.6	13.0	0.433	BZBW 038 102 12 2 L DDD
				4	369	644	899	790	1435	1756	1903	30.0	243	4.8			
				6	432	753	1039	844	1533	1876	2033	38.0	328	8.0			
				8	513	895	1221	989	1797	2199	2383	44.0	419	14.0			
				10	615	1072	1445	1188	2158	2641	2862	48.5	492	24.0			
		122	**12**	**2**	392	684	967	810	1472	1801	1952	26.0	190	2.8	14.0	0.539	BZBW 038 122 12 2 L DDD
				4	423	737	1029	996	1809	2214	2399	31.4	295	5.5			
				6	526	918	1267	1063	1932	2365	2563	38.4	410	10.3			
				8	656	1143	1560	1242	2258	2763	2995	44.2	512	18.5			
				10	763	1331	1795	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	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING 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)	m^3/h	Watts	kg	L	
BZBW	052	052	12	2	187	326	461	371	674	825	894	21.0	89	2.0	8.0	0.332	BZBW 052 052 12 2 L DDD
				4	222	387	541	433	787	963	1044	27.0	130	3.2			
				6	266	464	641	522	948	1161	1258	33.9	169	5.5			
				8	317	553	754	594	1079	1321	1432	39.7	212	9.6			
				10	349	608	820	672	1222	1495	1620	44.0	250	16.8			
		072	12	2	319	557	787	610	1108	1356	1470	21.8	127	2.2	10.0	0.540	BZBW 052 072 12 2 L DDD
				4	377	658	919	725	1318	1613	1748	27.2	193	3.6			
				6	444	775	1069	866	1573	1926	2087	34.6	262	5.7			
				8	513	895	1221	992	1803	2207	2392	40.8	320	9.6			
				10	577	1006	1357	1113	2023	2476	2683	45.0	365	15.6			
		102	12	2	508	886	1252	964	1751	2143	2323	24.0	168	2.8	14.0	0.866	BZBW 052 102 12 2 L DDD
				4	595	1038	1450	1151	2091	2560	2774	30.3	259	5.4			
				6	708	1234	1703	1373	2495	3054	3309	37.7	353	10.0			
				8	823	1436	1959	1581	2874	3517	3811	43.7	437	18.0			
				10	920	1605	2163	1775	3225	3947	4277	48.0	513	28.8			
		122	12	2	627	1093	1545	1151	2092	2560	2774	26.2	200	2.8	15.0	1.078	BZBW 052 122 12 2 L DDD
				4	746	1300	1817	1434	2605	3188	3455	32.0	297	5.5			
				6	890	1552	2142	1713	3113	3810	4130	39.0	396	10.0			
				8	1022	1782	2431	1978	3594	4399	4768	44.5	500	18.0			
				10	1149	2004	2702	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

jaga

CLIMATE
DESIGNERS

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

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

CONDENSATE TRAY

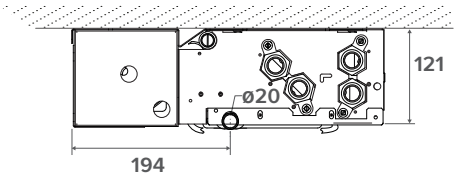
TANGENTIAL ACTIVATORS
with aluminium fins are provided with ball bearings
and resin-coated EPDM vibration damping

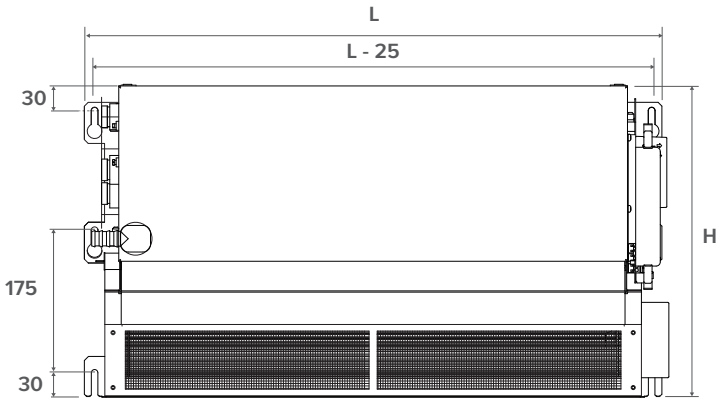
STAINLESS STEEL AIR FILTER

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

BRIZA 12 BUILT-IN CEILING

DIMENSIONS *(in mm)*





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

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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.

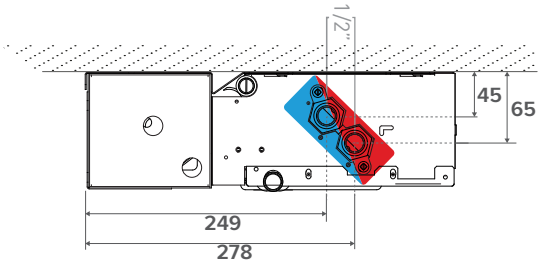
ORDER CODE BRIZA 12 BUILT-IN CEILING

BZBC 038 052 12 2 L DDD

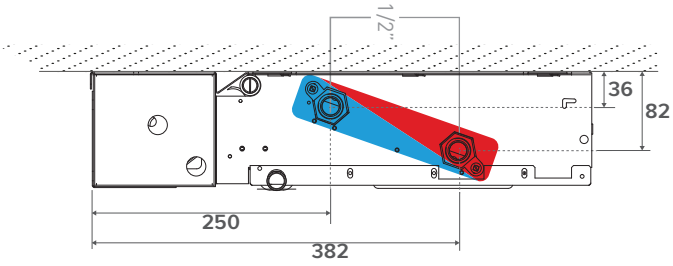
- DDD — *Control:*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D03*
- 052 — *Length*
- 038 — *Height*

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

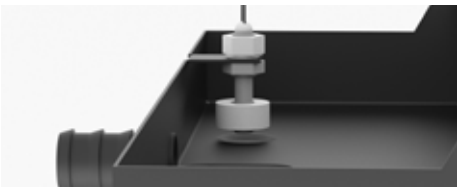
Condensate pump

CODE
8773 0101

Condensate tray with outlet spiggot 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

ELECTRICAL CONNECTION

POWER SUPPLIES

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

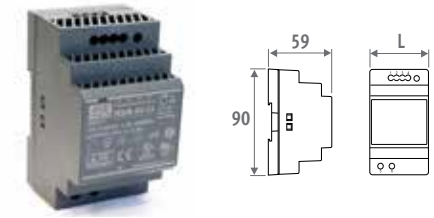
Waterproof power supply 24 VDC with waterproof cable gland

- 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.: 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

MAXIMUM CABLE LENGTH

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

CABLE LENGTH *(m)*	*10*	*20*	*30*	*40*	*50*	*60*	*70*	*80*	*90*	*100*
Ø CABLE	NUMBER OF BRIZA 12 L052									
1 mm²	5	2	2	2	1					
1.5 mm²	8	4	4	2	2	2	2	1		
2.5 mm²	13	6	4	3	3	2	2	2	2	1
Ø CABLE	NUMBER OF BRIZA 12 L072									
1 mm²	4	2	2	1						
1.5 mm²	6	3	2	2	2	1				
2.5 mm²	11	5	3	3	2	2	2	2	2	1
Ø CABLE	NUMBER OF BRIZA 12 L102									
1 mm²	3	3	1							
1.5 mm²	5	2	2	2	1					
2.5 mm²	9	4	4	2	2	2	2	1		
Ø CABLE	NUMBER OF BRIZA 12 L122									
1 mm²	3	3	1							
1.5 mm²	4	2	2	1						
2.5 mm²	8	4	4	2	2	2	1			

JAGA 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)		-	✓	✓	-

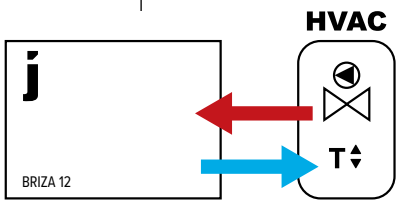
NO JAGA CONTROL SYSTEM

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

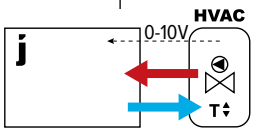
JAGA BMS 0-10V CONTROL

- Upon request for cold or heat, a BMS/home automation system or a JAGA termostat 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	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING 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)	m^3/h	Watts	kg	L	
BZBC	**038**	**052**	**12**	**2**	113	197	279	247	450	550	596	19.0	70	1.6	7.0	0.166	BZBC 038 052 12 2 L DDD
				4	142	248	347	285	517	633	686	25.2	111	2.6			
				6	172	301	415	324	589	721	781	32.5	155	4.3			
				8	203	355	484	379	688	842	912	39.0	196	7.2			
				10	235	410	553	454	826	1010	1095	44.0	235	13.0			
		072	**12**	**2**	198	345	488	401	728	891	966	21.5	119	2.5	9.0	0.270	BZBC 038 072 12 2 L DDD
				4	234	408	570	490	891	1090	1182	27.5	189	4.3			
				6	277	484	668	519	944	1155	1252	34.9	245	7.2			
				8	329	573	782	609	1106	1354	1467	40.7	315	11.5			
				10	387	676	911	748	1358	1662	1802	45.0	380	18.0			
		102	**12**	**2**	326	569	804	644	1171	1433	1553	23.1	160	2.6	13.0	0.433	BZBC 038 102 12 2 L DDD
				4	369	644	899	790	1435	1756	1903	30.0	243	4.8			
				6	432	753	1039	844	1533	1876	2033	38.0	328	8.0			
				8	513	895	1221	989	1797	2199	2383	44.0	419	14.0			
				10	615	1072	1445	1188	2158	2641	2862	48.5	492	24.0			
		122	**12**	**2**	392	684	967	810	1472	1801	1952	26.0	190	2.8	14.0	0.539	BZBC 038 122 12 2 L DDD
				4	423	737	1029	996	1809	2214	2399	31.4	295	5.5			
				6	526	918	1267	1063	1932	2365	2563	38.4	410	10.3			
				8	656	1143	1560	1242	2258	2763	2995	44.2	512	18.5			
				10	763	1331	1795	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

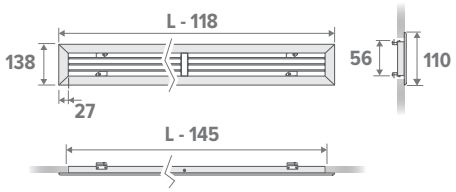
	HEIGHT	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING Room temperature 27°C	HEATING Room temperature 20°C				SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	WEIGHT	WATER CONTENT	ORDER CODE
	H	**L**	**T**	**U**	**16/18**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

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

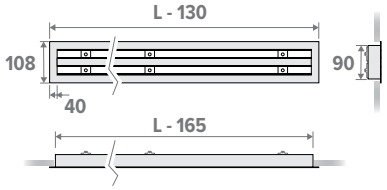


**minimum recess dimensions for mounting the grille*

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

- 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°

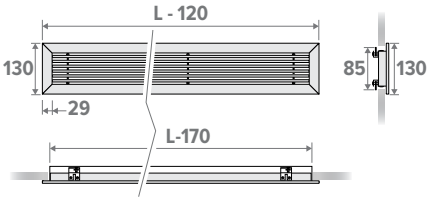


**minimum recess dimensions for mounting the grille*

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

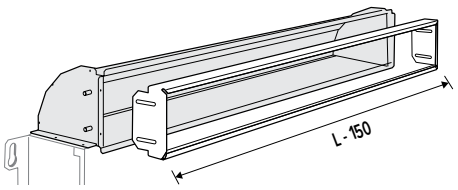
- anodised aluminium grille
- fixed bars
- clamping springs for mounting to wall, ceiling or air diffuser



**minimum recess dimensions for mounting the grille*

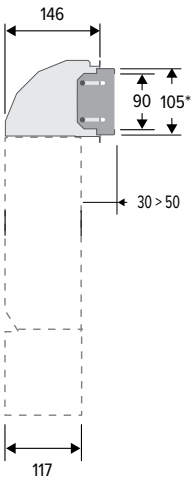
CODE	L Briza 12	Installation opening
8789 211	520	355 x 85
8789 212	720	555 x 85
8789 213	1020	855 x 85
8789 214	1220	1055 x 85

AIR OUTLET CORNER PIECE 90°

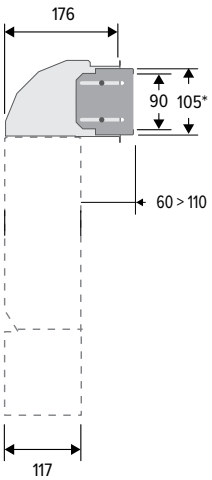


- made from galvanised steel plate
- with rubber strip for optimal connection
- with perforations for exhaust grille installation

≤ 30 mm adjustable



≤ 60 mm adjustable



**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

jaga

CLIMATE
DESIGNERS

BRIZA 12
PLUG & PLAY

BRIZA 12 PLUG & PLAY

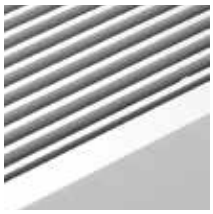
COMPOSITION

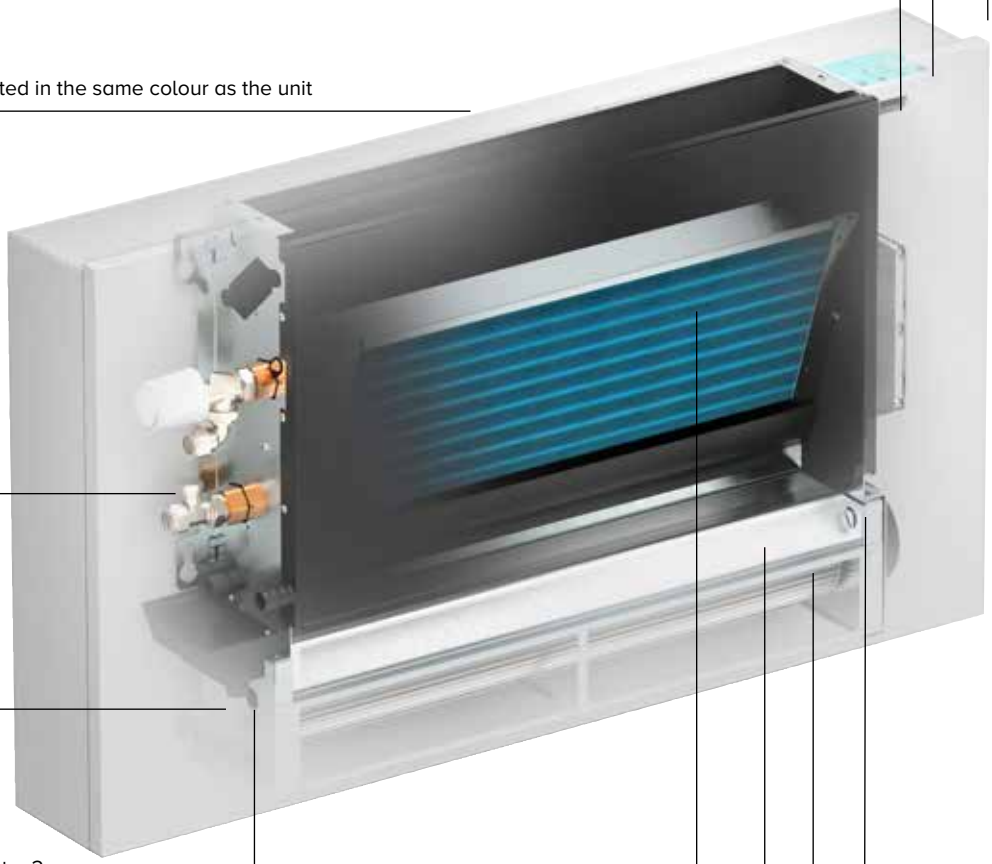
LAQUERED CASING in sendzimir galvanized steel plate with aluminium top grille

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 spiggot ø 2 cm

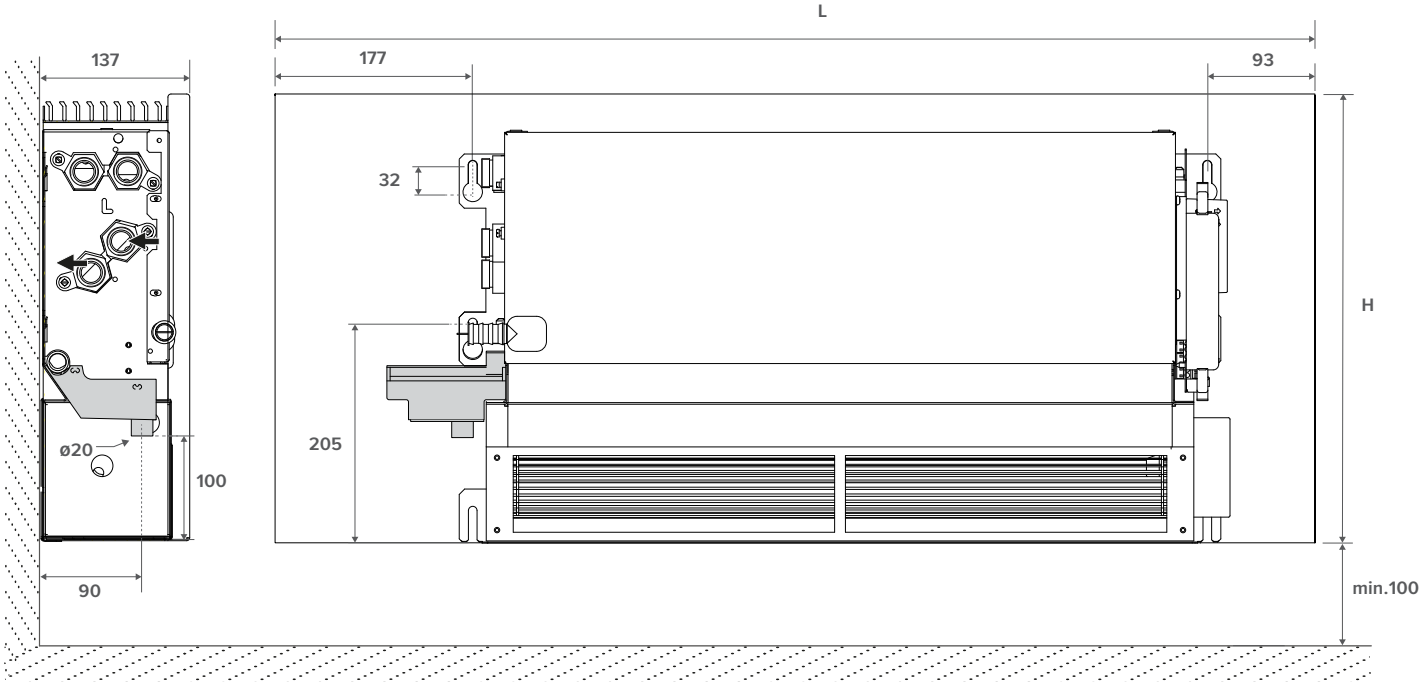
HEAT EXCHANGER with hydrophilic coating for optimum cooling performance

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

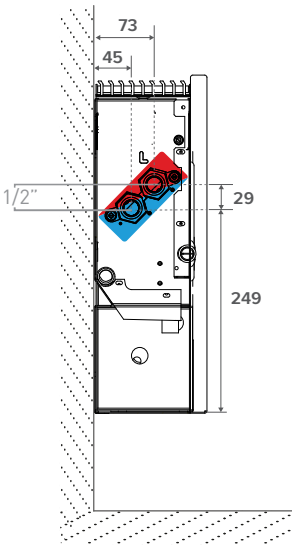
BZMW 041 075 12 XXX 2 L F11 TW

Colour
Length
Height

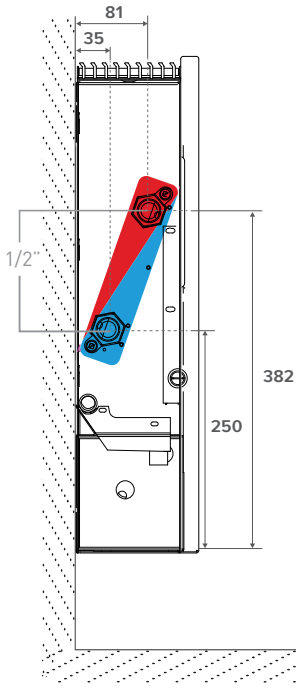
BRIZA 12 PLUG & PLAY

HYDRONIC CONNECTION

Height 038



Height 052

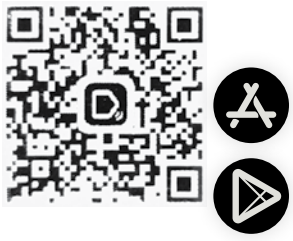


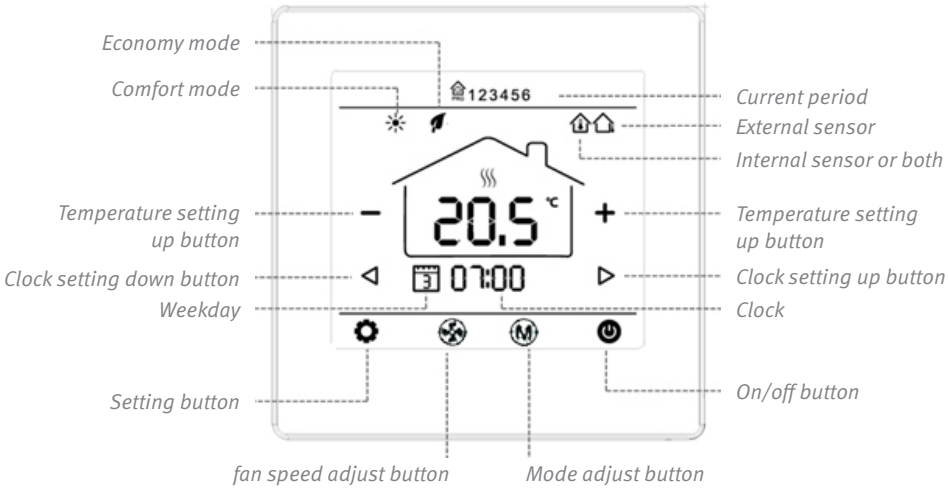
BRIZA 12 PLUG & PLAY

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

BRIZA 12 PLUG & PLAY

HEIGHT 041

	HEIGHT	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING 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)	m^3/h	Watts	kg	L	
BZMW	**041**	**075**	**12**	**2**	115	201	284	223	406	497	538	18.5	64	1.6	16.0	0.166	BZMW 041 075 12 XXX L F11 TW
				4	135	235	328	256	465	569	617	29.4	101	2.6			
				6	159	276	382	296	537	657	712	31.3	141	4.3			
				8	185	323	441	346	629	770	834	37.3	178	7.2			
				10	214	373	503	413	751	919	996	42.5	214	13.0			
		095	**12**	**2**	191	334	472	382	695	850	921	24.0	108	2.5	20.3	0.270	BZMW 041 095 12 XXX L F11 TW
				4	217	379	529	421	764	935	1014	30.0	172	4.3			
				6	252	440	607	445	808	989	1072	36.8	223	7.2			
				8	297	518	707	555	1009	1234	1338	41.5	287	11.5			
				10	352	614	828	680	1236	1513	1640	44.5	346	18.0			
		125	**12**	**2**	313	547	773	602	1093	1338	1450	24.6	146	2.6	27.5	0.433	BZMW 041 125 12 XXX L F11 TW
				4	347	605	845	672	1222	1495	1620	30.2	221	4.8			
				6	396	691	953	765	1389	1700	1843	37.0	298	8.0			
				8	465	811	1106	895	1626	1991	2157	42.5	381	14.0			
				10	559	974	1314	1081	1963	2403	2604	47.0	448	24.0			
		145	**12**	**2**	412	718	1015	742	1348	1650	1788	25.7	173	2.8	31.9	0.539	BZMW 041 145 12 XXX L F11 TW
				4	450	785	1097	842	1529	1872	2028	30.5	268	5.5			
				6	505	881	1215	964	1751	2143	2323	37.3	373	10.3			
				8	584	1019	1390	1126	2046	2505	2714	43.0	466	18.5			
				10	698	1216	1640	1347	2448	2996	3247	47.0	510	28.8			

Enter colour code

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 m^3 / reverberation time 0.5 sec.*

BRIZA 12 PLUG & PLAY

HEIGHT 055

	HEIGHT	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING 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)*	*m^3/h*	*Watts*	*kg*	*L*	
BZMW	**055**	**075**	**12**	**2**	170	296	419	346	629	770	835	19.2	81	2.0	18.0	0.332	BZMW 055 075 12 XXX L F11 TW
				4	214	373	521	421	765	936	1014	25.2	118	3.2			
				6	256	447	617	495	899	1100	1193	32.2	154	5.5			
				8	296	517	705	568	1032	1263	1369	38.1	193	9.6			
				10	332	579	781	641	1164	1424	1544	42.5	228	16.8			
		095	**12**	**2**	295	515	728	557	1012	1238	1342	23.0	116	2.2	23.0	0.540	BZMW 055 095 12 XXX L F11 TW
				4	358	624	872	688	1250	1530	1658	27.8	176	3.6			
				6	426	743	1025	819	1488	1821	1973	34.4	238	5.7			
				8	492	859	1171	944	1716	2100	2276	39.9	291	9.6			
				10	550	959	1294	1060	1927	2358	2555	43.5	332	15.6			
		125	**12**	**2**	474	827	1170	881	1601	1960	2124	23.1	153	2.8	30.0	0.866	BZMW 055 125 12 XXX L F11 TW
				4	569	993	1387	1094	1988	2433	2636	29.1	236	5.4			
				6	676	1179	1628	1307	2374	2906	3149	36.5	321	10.0			
				8	783	1365	1863	1509	2742	3356	3637	42.5	398	18.0			
				10	877	1529	2062	1690	3071	3759	4074	46.5	467	28.8			
		145	**12**	**2**	590	1029	1455	1116	2027	2481	2689	25.0	182	2.8	34.0	1.078	BZMW 055 145 12 XXX L F11 TW
				4	709	1237	1728	1367	2484	3040	3295	30.8	270	5.5			
				6	843	1471	2030	1630	2962	3625	3929	37.5	360	10.0			
				8	977	1704	2324	1884	3424	4191	4542	42.8	455	18.0			
				10	1095	1910	2575	2110	3834	4692	5085	46.5	531	28.8			

Enter colour code

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 m^3 / reverberation time 0.5 sec.*

jaga

CLIMATE
DESIGNERS

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

CONDENSATE TRAY
with outlet spiggot ø 2 cm

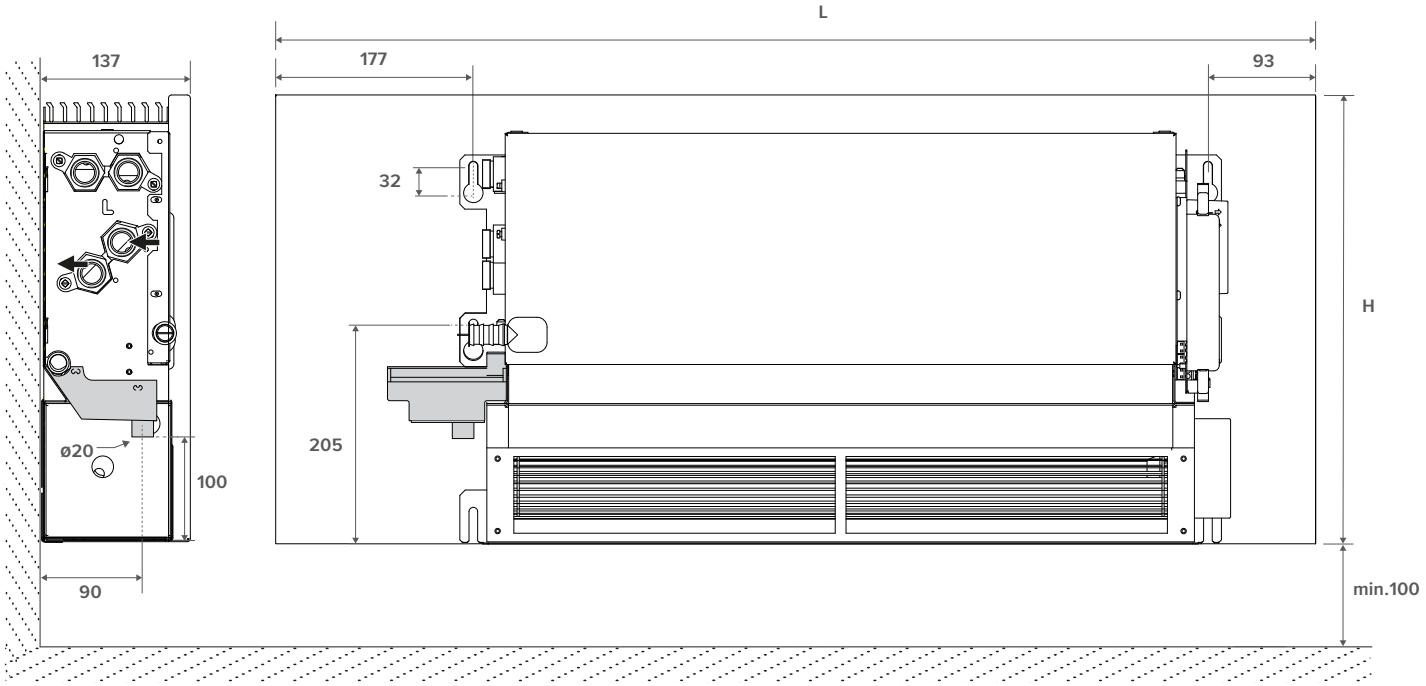
TANGENTIAL ACTIVATORS
with aluminium fins are provided with ball bearings and resin-coated EPDM vibration damping

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)*



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.

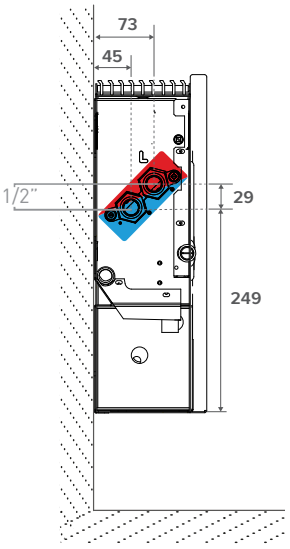
ORDER CODE BRIZA 12 WALL MOUNTED MODEL

BZMW 041 075 12 XXX 2 L DDD

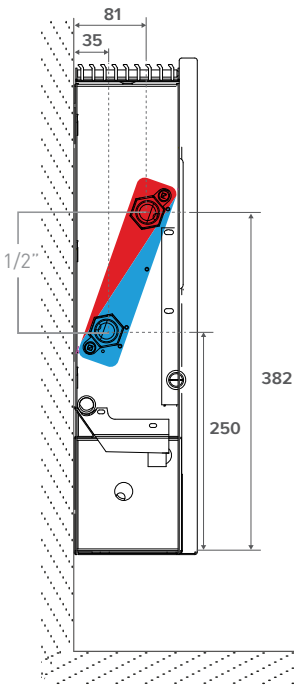
- DDD — *Control*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D03*
  - *Jaga 3 settings controller: D05*
- XXX — *Colour*
- 075 — *Length*
- 041 — *Height*

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	
CODE	*Tube Ø*
112	12/1
114	14/1
115	15/1
116	16/1
118	18/1

SYNTHETIC OR RPE/ALU	
CODE	*Tube Ø*
612	12/2
614	14/2
616	16/2
618	18/2
619	16/1.5
620	20/2

Stainless steel flexible connections 1/2"

CODE	Length	
7990 068	200 < 260 mm	2 units

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***

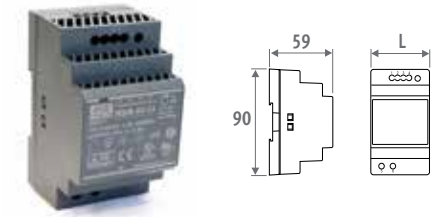
Waterproof power supply 24 VDC with waterproof cable gland

- 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

MAXIMUM CABLE LENGTH

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

CABLE LENGTH *(m)*	*10*	*20*	*30*	*40*	*50*	*60*	*70*	*80*	*90*	*100*
Ø CABLE	NUMBER OF BRIZA 12 L075									
1 mm²	5	2	2	2	1					
1.5 mm²	8	4	4	2	2	2	2	1		
2.5 mm²	13	6	4	3	3	2	2	2	2	1
Ø CABLE	NUMBER OF BRIZA 12 L095									
1 mm²	4	2	2	1						
1.5 mm²	6	3	2	2	2	1				
2.5 mm²	11	5	3	3	2	2	2	2	2	1
Ø CABLE	NUMBER OF BRIZA 12 L125									
1 mm²	3	3	1							
1.5 mm²	5	2	2	2	1					
2.5 mm²	9	4	4	2	2	2	2	1		
Ø CABLE	NUMBER OF BRIZA 12 L145									
1 mm²	3	3	1							
1.5 mm²	4	2	2	1						
2.5 mm²	8	4	4	2	2	2	1			

BRIZA 12 WALL MOUNTED MODEL

JAGA 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 termostat will open the thermoelectric valve.
- Upon request for cold or heat, a BMS/home automation system or a JAGA termostat 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 termostat 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

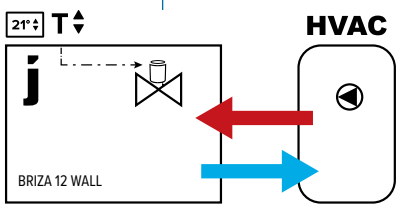
JAGA 3 SETTINGS CONTROLLER

- When heat or cold are requested, a BMS/home automation system will open up the thermoelectric valve.
- 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 JAGA 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)

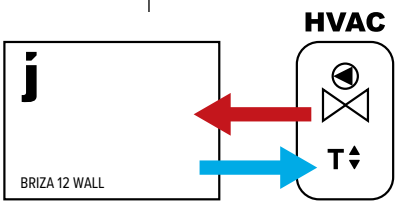
JAGA TW

Coding: F11 TW

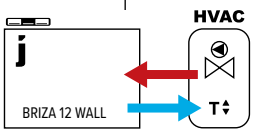
Unit included
- valve set
- power supply
- integrated temperature regulation (JRT 100 TW)

(Order sleeve couplings 3/4" Eurocone seperate)

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

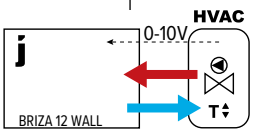


Choose 1 of 3 fan speeds (speed will not adjust, depending on room temperature)

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

BRIZA 12 WALL MOUNTED MODEL

HEIGHT 041

	HEIGHT	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING 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)*	*m^3/h*	*Watts*	*kg*	*L*	
BZMW	**041**	**075**	**12**	**2**	115	201	284	223	406	497	538	18.5	64	1.6	16.0	0.166	BZMW 041 075 12 XXX 2 L DDD
				4	135	235	328	256	465	569	617	29.4	101	2.6			
				6	159	276	382	296	537	657	712	31.3	141	4.3			
				8	185	323	441	346	629	770	834	37.3	178	7.2			
				10	214	373	503	413	751	919	996	42.5	214	13.0			
		095	**12**	**2**	191	334	472	382	695	850	921	24.0	108	2.5	20.3	0.270	BZMW 041 095 12 XXX 2 L DDD
				4	217	379	529	421	764	935	1014	30.0	172	4.3			
				6	252	440	607	445	808	989	1072	36.8	223	7.2			
				8	297	518	707	555	1009	1234	1338	41.5	287	11.5			
				10	352	614	828	680	1236	1513	1640	44.5	346	18.0			
		125	**12**	**2**	313	547	773	602	1093	1338	1450	24.6	146	2.6	27.5	0.433	BZMW 041 125 12 XXX 2 L DDD
				4	347	605	845	672	1222	1495	1620	30.2	221	4.8			
				6	396	691	953	765	1389	1700	1843	37.0	298	8.0			
				8	465	811	1106	895	1626	1991	2157	42.5	381	14.0			
				10	559	974	1314	1081	1963	2403	2604	47.0	448	24.0			
		145	**12**	**2**	412	718	1015	742	1348	1650	1788	25.7	173	2.8	31.9	0.539	BZMW 041 145 12 XXX 2 L DDD
				4	450	785	1097	842	1529	1872	2028	30.5	268	5.5			
				6	505	881	1215	964	1751	2143	2323	37.3	373	10.3			
				8	584	1019	1390	1126	2046	2505	2714	43.0	466	18.5			
				10	698	1216	1640	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 m^3 / 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

jaga

BRIZA 12 WALL MOUNTED MODEL

HEIGHT 055

HEIGHT	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING 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)	m^3/h	Watts	kg	L	
BZMW 055	**075**	**12**	**2**	170	296	419	346	629	770	835	19.2	81	2.0	18.0	0.332	BZMW 055 075 12 XXX 2 L DDD
			4	214	373	521	421	765	936	1014	25.2	118	3.2			
			6	256	447	617	495	899	1100	1193	32.2	154	5.5			
			8	296	517	705	568	1032	1263	1369	38.1	193	9.6			
			10	332	579	781	641	1164	1424	1544	42.5	228	16.8			
	095	**12**	**2**	295	515	728	557	1012	1238	1342	23.0	116	2.2	23.0	0.540	BZMW 055 095 12 XXX 2 L DDD
			4	358	624	872	688	1250	1530	1658	27.8	176	3.6			
			6	426	743	1025	819	1488	1821	1973	34.4	238	5.7			
			8	492	859	1171	944	1716	2100	2276	39.9	291	9.6			
			10	550	959	1294	1060	1927	2358	2555	43.5	332	15.6			
	125	**12**	**2**	474	827	1170	881	1601	1960	2124	23.1	153	2.8	30.0	0.866	BZMW 055 125 12 XXX 2 L DDD
			4	569	993	1387	1094	1988	2433	2636	29.1	236	5.4			
			6	676	1179	1628	1307	2374	2906	3149	36.5	321	10.0			
			8	783	1365	1863	1509	2742	3356	3637	42.5	398	18.0			
			10	877	1529	2062	1690	3071	3759	4074	46.5	467	28.8			
	145	**12**	**2**	590	1029	1455	1116	2027	2481	2689	25.0	182	2.8	34.0	1.078	BZMW 055 145 12 XXX 2 L DDD
			4	709	1237	1728	1367	2484	3040	3295	30.8	270	5.5			
			6	843	1471	2030	1630	2962	3625	3929	37.5	360	10.0			
			8	977	1704	2324	1884	3424	4191	4542	42.8	455	18.0			
			10	1095	1910	2575	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 m^3 / 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

jaga

CLIMATE
DESIGNERS

BRIZA 12
CEILING MOUNTED
MODEL

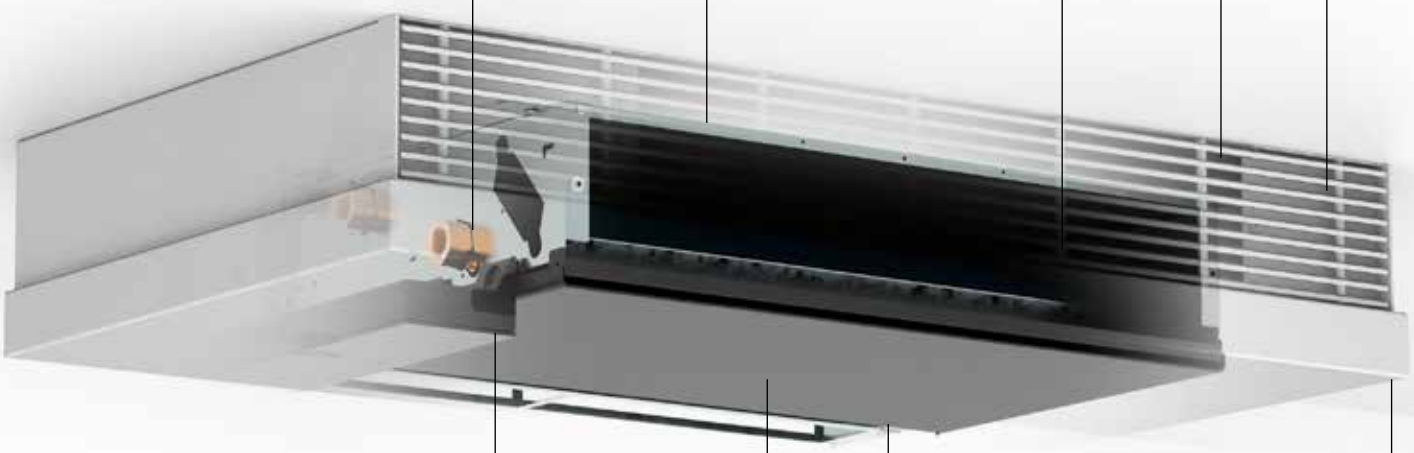
ELECTRICAL CONNECTION

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
(ø 2 cm) of condensate water

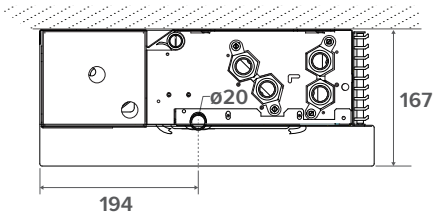
CONDENSATE TRAY

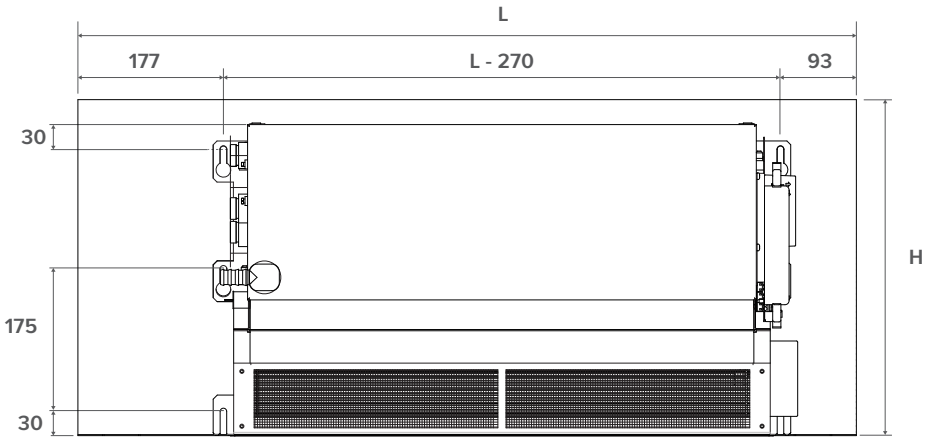
TANGENTIAL ACTIVATORS
with aluminium fins are provided with ball bearings and resin-coated EPDM vibration damping. built-in EC motor for a much lower energy consumption and a longer service life.The fans are equipped with a stainless steel air filter.

COATED HOUSING in sendzimir galvanised steel plate

BRIZA 12 CEILING MOUNTED MODEL

DIMENSIONS *(in mm)*





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

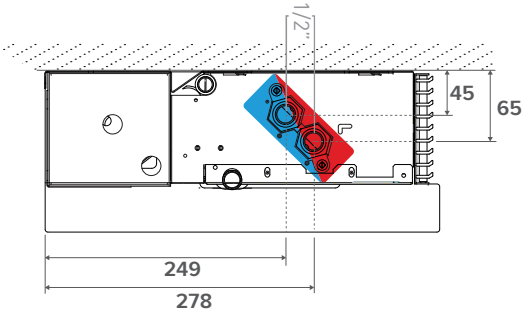
BZMC 041 075 12 XXX 2 L DDD

- DDD — *Control:*
  - *No control system : (leave blank)*
  - *Jaga BMS 0-10V control: D03*
- XXX — *Colour*
- 075 — *Length*
- 041 — *Height*

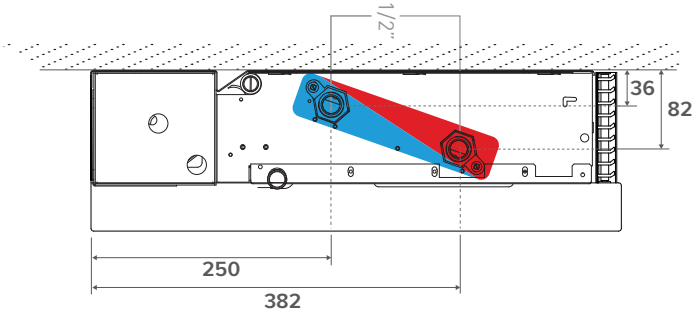
BRIZA 12 CEILING MOUNTED MODEL

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

POWER SUPPLIES

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

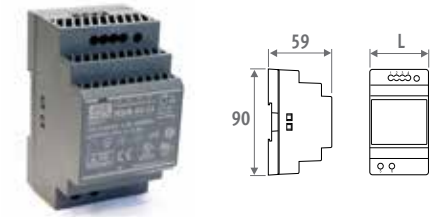
Waterproof power supply 24 VDC with waterproof cable gland

- 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 DO3 ***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

MAXIMUM CABLE LENGTH

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

CABLE LENGTH *(m)*	*10*	*20*	*30*	*40*	*50*	*60*	*70*	*80*	*90*	*100*
Ø CABLE	NUMBER OF BRIZA 12 L075									
1 mm²	5	2	2	2	1					
1.5 mm²	8	4	4	2	2	2	2	1		
2.5 mm²	13	6	4	3	3	2	2	2	2	1
Ø CABLE	NUMBER OF BRIZA 12 L095									
1 mm²	4	2	2	1						
1.5 mm²	6	3	2	2	2	1				
2.5 mm²	11	5	3	3	2	2	2	2	2	1
Ø CABLE	NUMBER OF BRIZA 12 L125									
1 mm²	3	3	1							
1.5 mm²	5	2	2	2	1					
2.5 mm²	9	4	4	2	2	2	2	1		
Ø CABLE	NUMBER OF BRIZA 12 L145									
1 mm²	3	3	1							
1.5 mm²	4	2	2	1						
2.5 mm²	8	4	4	2	2	2	1			

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

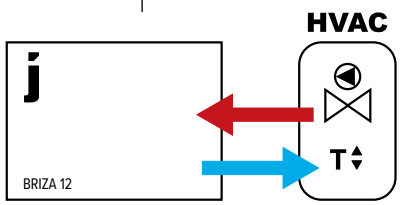
JAGA BMS 0-10V CONTROL

- Upon request for cold or heat, a BMS/home automation system or a JAGA termostat 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

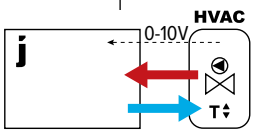
BRIZA 12 CEILING MOUNTED MODEL

WHICH JAGA 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	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING 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)	m^3/h	Watts	kg	L	
BZMC	**041**	**075**	**12**	**2**	115	201	284	223	406	497	538	18.5	64	1.6	16.0	0.166	BZMC 041 075 12 XXX 2 L DDD
				4	135	235	328	256	465	569	617	29.4	101	2.6			
				6	159	276	382	296	537	657	712	31.3	141	4.3			
				8	185	323	441	346	629	770	834	37.3	178	7.2			
				10	214	373	503	413	751	919	996	42.5	214	13.0			
		095	**12**	**2**	191	334	472	382	695	850	921	24.0	108	2.5	20.3	0.270	BZMC 041 095 12 XXX 2 L DDD
				4	217	379	529	421	764	935	1014	30.0	172	4.3			
				6	252	440	607	445	808	989	1072	36.8	223	7.2			
				8	297	518	707	555	1009	1234	1338	41.5	287	11.5			
				10	352	614	828	680	1236	1513	1640	44.5	346	18.0			
		125	**12**	**2**	313	547	773	602	1093	1338	1450	24.6	146	2.6	27.5	0.433	BZMC 041 125 12 XXX 2 L DDD
				4	347	605	845	672	1222	1495	1620	30.2	221	4.8			
				6	396	691	953	765	1389	1700	1843	37.0	298	8.0			
				8	465	811	1106	895	1626	1991	2157	42.5	381	14.0			
				10	559	974	1314	1081	1963	2403	2604	47.0	448	24.0			
		145	**12**	**2**	412	718	1015	742	1348	1650	1788	25.7	173	2.8	31.9	0.539	BZMC 041 145 12 XXX 2 L DDD
				4	450	785	1097	842	1529	1872	2028	30.5	268	5.5			
				6	505	881	1215	964	1751	2143	2323	37.3	373	10.3			
				8	584	1019	1390	1126	2046	2505	2714	43.0	466	18.5			
				10	698	1216	1640	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 m^3 / reverberation time 0.5 sec.*

enter colour code

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

jaga

BRIZA 12 CEILING-MOUNTED MODEL

HEIGHT 055

HEIGHT	LENGTH	TYPE	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING 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)	m^3/h	Watts	kg	L	
BZMC 055	075	12	2	170	296	419	346	629	770	835	19.2	81	2.0	18.0	0.332	BZMC 055 075 12 XXX 2 L DDD
			4	214	373	521	421	765	936	1014	25.2	118	3.2			
			6	256	447	617	495	899	1100	1193	32.2	154	5.5			
			8	296	517	705	568	1032	1263	1369	38.1	193	9.6			
			10	332	579	781	641	1164	1424	1544	42.5	228	16.8			
	095	12	2	295	515	728	557	1012	1238	1342	23.0	116	2.2	23.0	0.540	BZMC 055 095 12 XXX 2 L DDD
			4	358	624	872	688	1250	1530	1658	27.8	176	3.6			
			6	426	743	1025	819	1488	1821	1973	34.4	238	5.7			
			8	492	859	1171	944	1716	2100	2276	39.9	291	9.6			
			10	550	959	1294	1060	1927	2358	2555	43.5	332	15.6			
	125	12	2	474	827	1170	881	1601	1960	2124	23.1	153	2.8	30.0	0.866	BZMC 055 125 12 XXX 2 L DDD
			4	569	993	1387	1094	1988	2433	2636	29.1	236	5.4			
			6	676	1179	1628	1307	2374	2906	3149	36.5	321	10.0			
			8	783	1365	1863	1509	2742	3356	3637	42.5	398	18.0			
			10	877	1529	2062	1690	3071	3759	4074	46.5	467	28.8			
	145	12	2	590	1029	1455	1116	2027	2481	2689	25.0	182	2.8	34.0	1.078	BZMC 055 145 12 XXX 2 L DDD
			4	709	1237	1728	1367	2484	3040	3295	30.8	270	5.5			
			6	843	1471	2030	1630	2962	3625	3929	37.5	360	10.0			
			8	977	1704	2324	1884	3424	4191	4542	42.8	455	18.0			
			10	1095	1910	2575	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 m^3 / reverberation time 0.5 sec.*

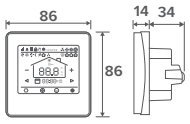
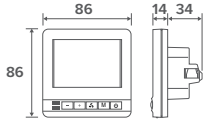
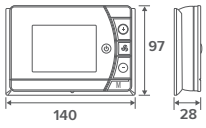
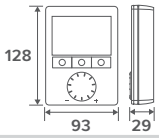
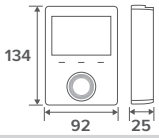
enter colour code

enter control system code

No control system: (leave blank)

Jaga BMS 0-10V control: D03

JRT-100 TB BLACK	JRT-100 TW WHITE	JRT-100	JRT-200	RDG 160T	RDG264KN
					
8751 050019	8751 050017	8751 050012	8751 050013	8751 050009	8751 050018

	JRT-100 TB / TW	JRT-100	JRT-200	RDG 160T	RDG264KN
POWER SUPPLY					
supply voltage	24V DC	24V DC	24V DC	24V DC	24V DC
OUTPUT / INPUT VOLTAGE					
valve 24V DC contact	2 (NO)	2 (NO)	-	-	-
potential-free contact	-	-	2 (NO)	3 (NO)	3 (NO)
input from keycard	-	-	✓	✓	✓
input from window contact	-	-	-	✓	✓
fan (0 - 10 V DC)	max. +/- 10 mA	max. +/- 10 mA	max. +/- 10 mA	max. +/- 5 mA	max. +/- 5 mA
manual 3-position speed controller	✓	✓	✓	✓	✓
automatic mode	✓	✓	✓	✓	✓
APPLICATIONS					
2-pipe					
manually (H/C)	✓	✓	✓	✓	✓
auto (H/C) - water temperature sensor necessary	-	-	-	✓	✓
4-pipe					
manually (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**

TA \ TR	65	60	55	50	45	40	35	30	25
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**

TA \ TR	65	60	55	50	45	40	35	30	25
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 Ø	Wall thick-ness	Max. water speed (EN10255)	water content per metre	max. water flow	Maximum power at ΔT (° C) (T supply - T return) ΔT 30	ΔT 20	ΔT 10	ΔT 5	ΔT 4	ΔT 3	ΔT 2
	mm	*mm*	*m/s*	*l*	*kg/h*	*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

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

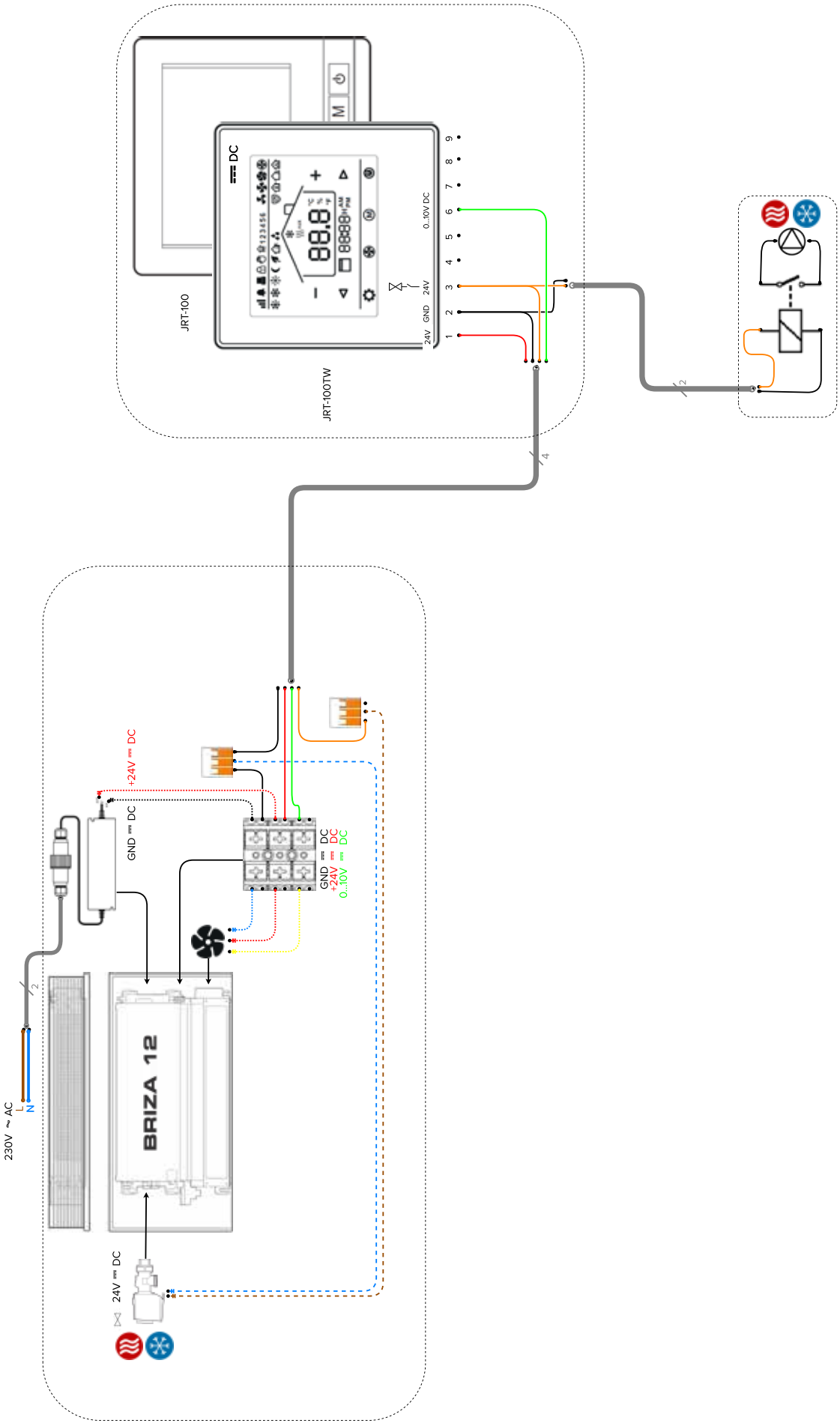
Option 1: one unit

Option 2: multiple units

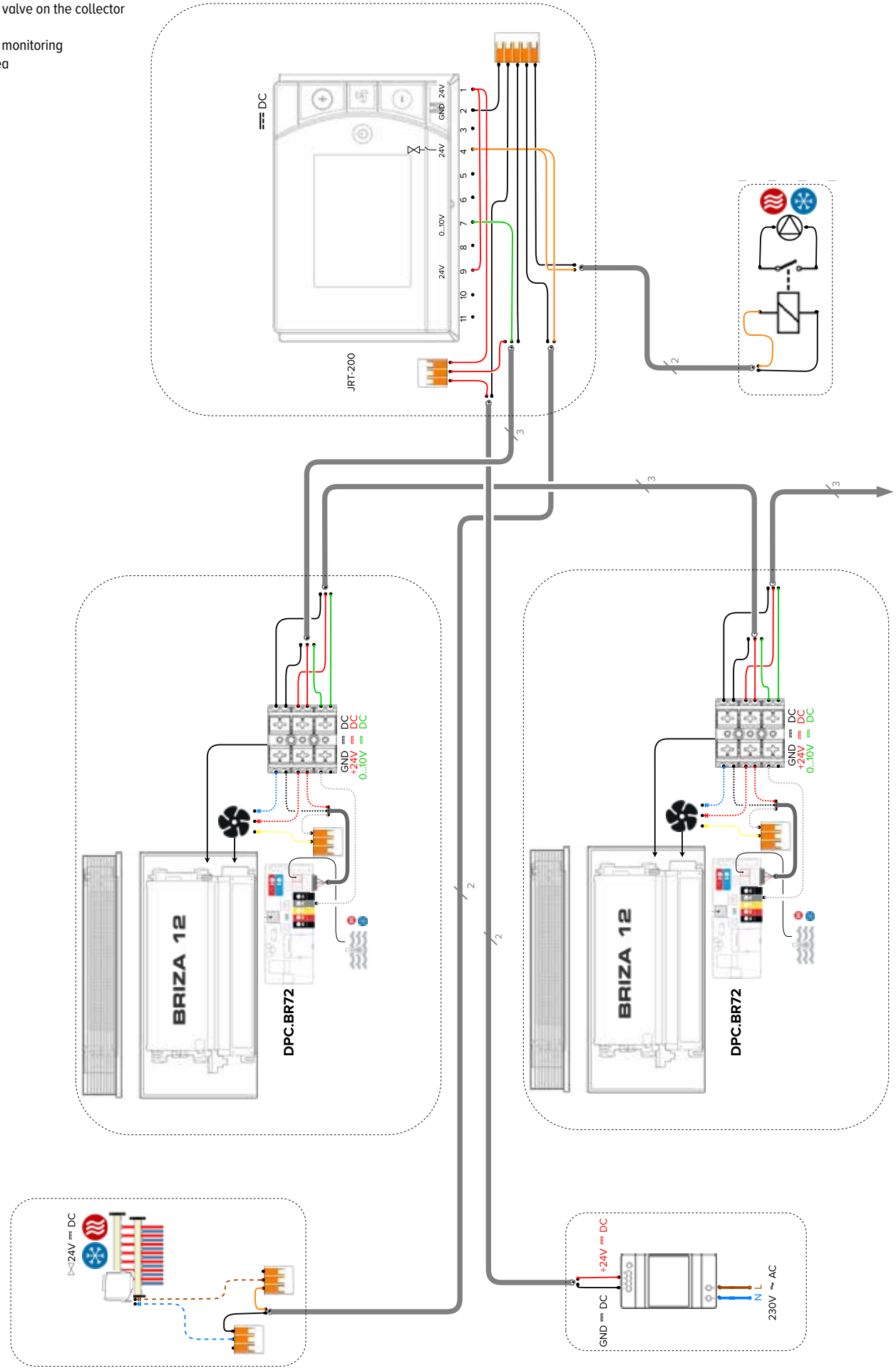
BRIZA 12

SAMPLE DIAGRAM 1

- 2-pipe
- component power
- thermostatic valve inside the unit
- JRT100
- without temperature monitoring
- 1 unit per area



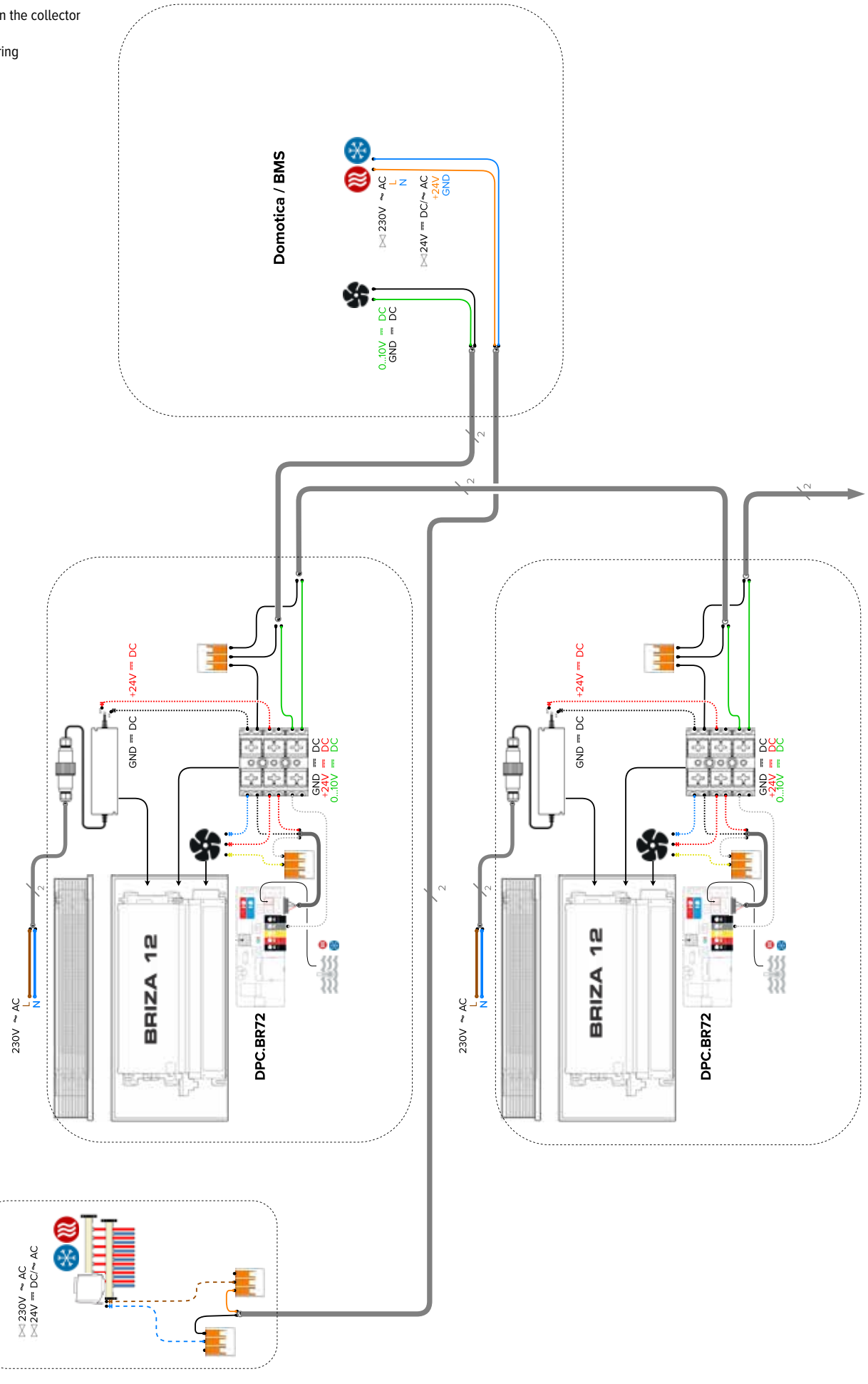
- 2-pipe
- power supply DIN-rail assembly
- thermostatic valve on the collector
- JRT200
- temperature monitoring
- 1 unit per area



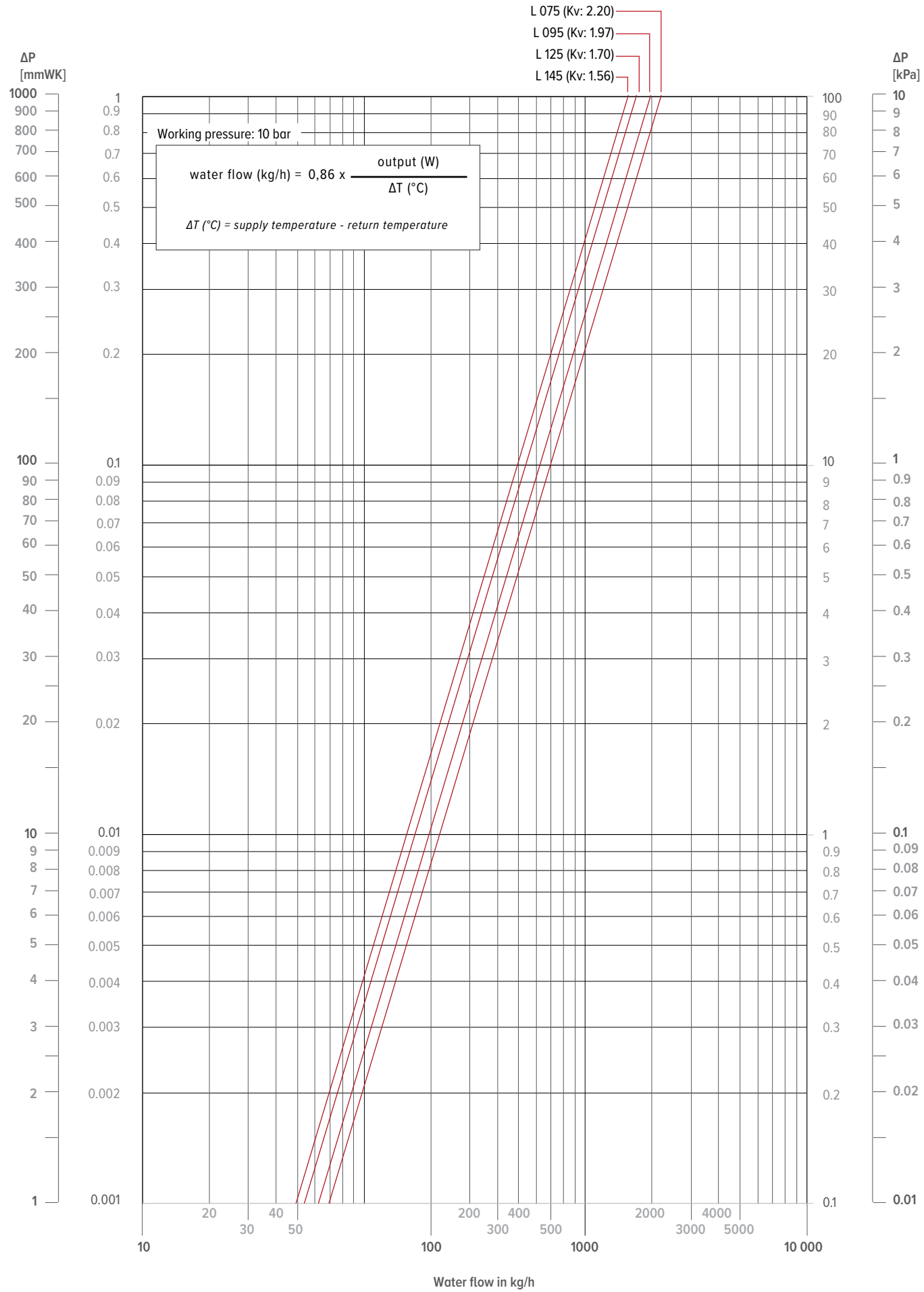
BRIZA 12

SAMPLE DIAGRAM 3

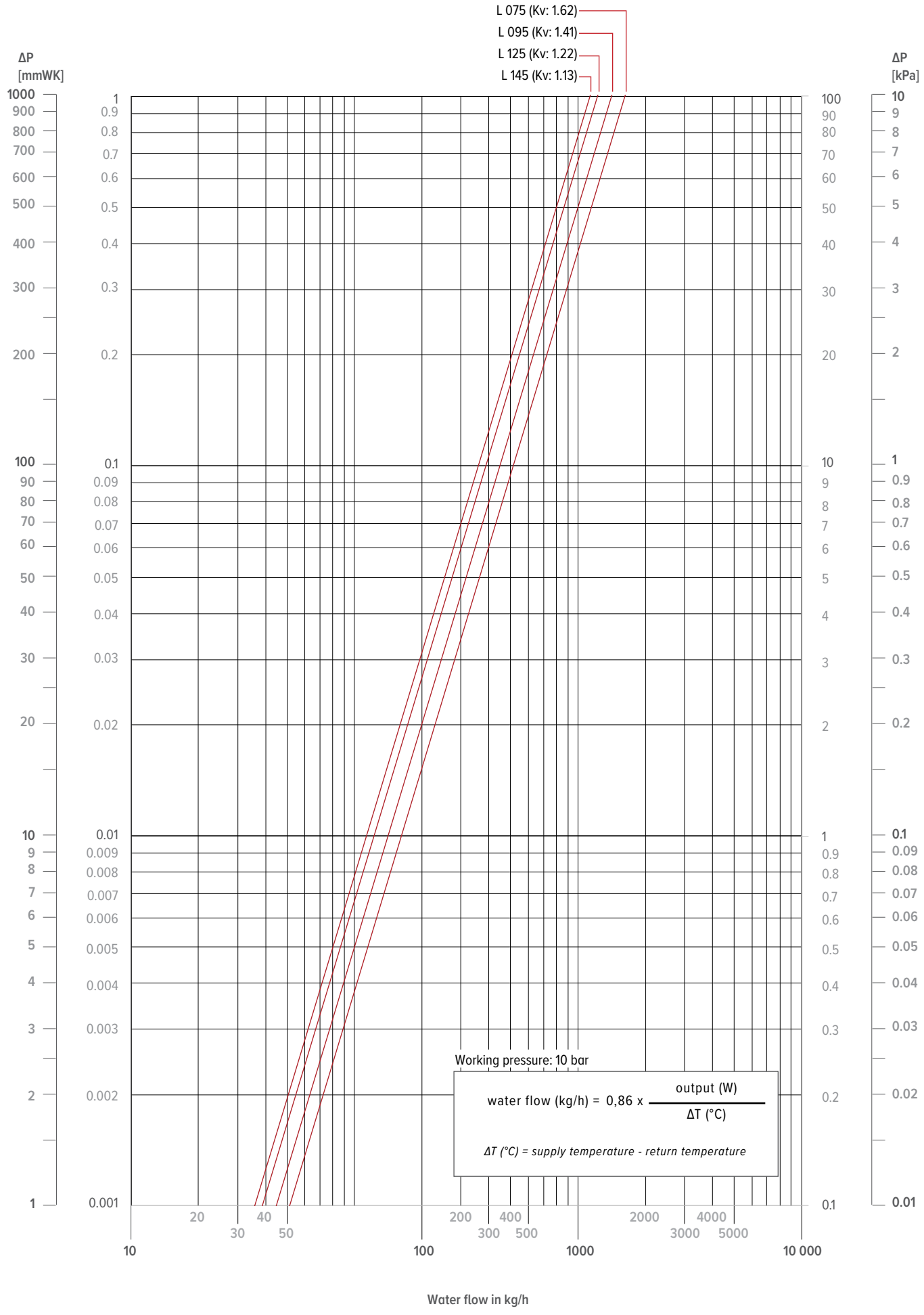
- 2-pipe
- component power
- thermostatic valve on the collector
- BMS
- temperature monitoring
- 1 unit per area



PRESSURE DROP - HEIGHT 038/041



PRESSURE DROP - HEIGHT 052/055



jaga CLIMATE DESIGNERS

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In need of some advice? Make an appointment at the Jaga Advice Centre.

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