

jaga

CLIMATE DESIGNERS



Briza **M** Net Zero BASE-Line

Strong lines,
unmatched output



WALL MOUNTED MODEL

**PLUG & PLAY TPT**

Complete unit with temperature regulation via pre-assembled control panel, valve set and 230 V power supply

- height 42 or 56 cm
- length 75, 95, 125 or 145 cm
- 16/18/27°C: from 214 to 1095 Watts (10 V)
- 7/12/27°C: from 373 to 1910 Watts (10 V)
- 35/30/20°C: from 413 to 2110 Watts (10 V)

**PLUG & PLAY TB-**

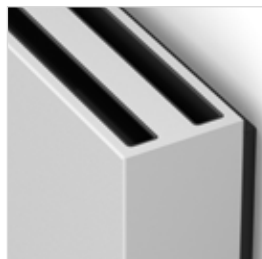
Complete unit with Wi-Fi thermostat with touchscreen, Jaga fan controller with integrated 230 V power supply; pre-assembled connection set

- height 42 or 56 cm
- length 75, 95, 125 or 145 cm
- 16/18/27°C: from 214 to 1095 Watts (10 V)
- 7/12/27°C: from 373 to 1910 Watts (10 V)
- 35/30/20°C: from 413 to 2110 Watts (10 V)

**PLUG & PLAY JIC**

Complete unit with temperature regulation via the Jaga App, valve set and 230 V power supply

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**CONFIGURABLE UNIT**

Water-side and electrical connections tailored to your installation

- height 42 or 56 cm
- length 75, 95, 125 or 145 cm
- 16/18/27°C: from 214 to 1095 Watts (10 V)
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CEILING MOUNTED MODEL

**PLUG & PLAY JIC**

Complete unit with temperature regulation via the Jaga App, valve set and 230 V power supply

- width 42 or 56 cm
- length 75, 95, 125 or 145 cm
- 16/18/27°C: from 214 to 1095 Watts (10 V)
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BRIZA M NET ZERO **BASE-LINE PLUG & PLAY** WALL MOUNTED MODEL

We strive to market our dynamic radiators as ready for installation as possible. Where earlier we only had to connect the water supply, what is now required is also a power supply, an electronic control system and a thermostat connection. For your installation comfort, we developed a Plug & Play product line with the same high-quality value and with all connection options pre-assembled. Order care-free for an effortless installation!

DIFFERENT TEMPERATURE SETTINGS

CONTROL PANEL (TPT)



The Room temperature is set on the control panel.

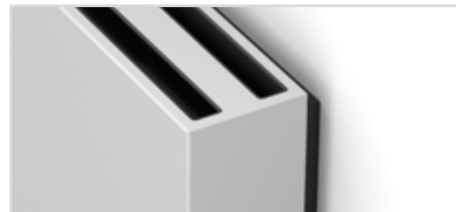
- heating and cooling from 16 to 26°C

INTEGRATED WI-FI THERMOSTAT (BT)

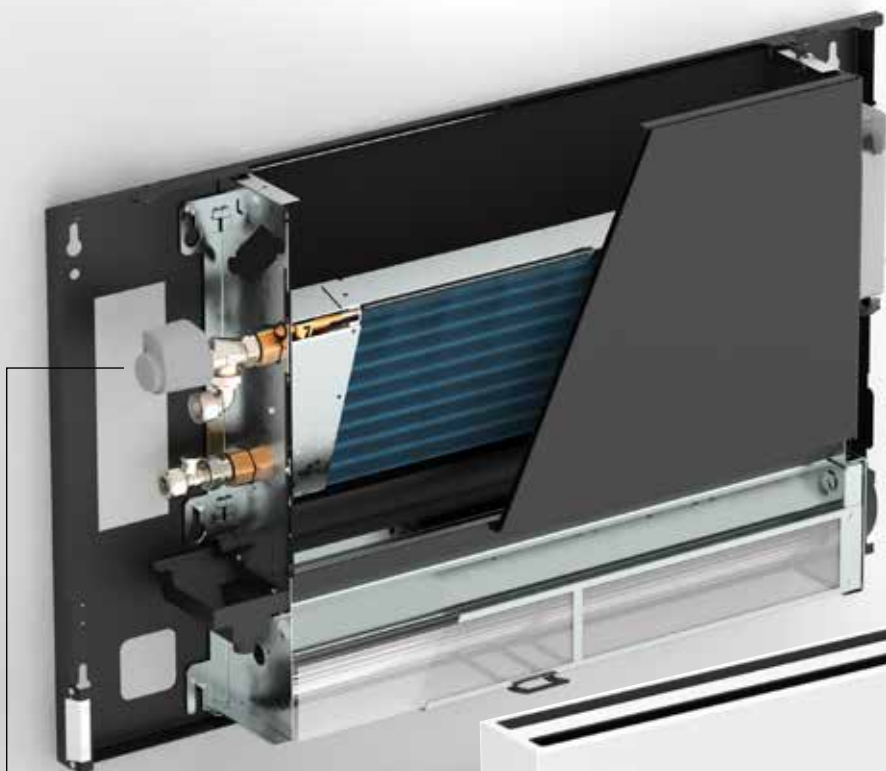


- LCD touch screen
- control via Wi-Fi (smartphone app)
- programmable time zones 7 days (1-7)

JAGA APP (JIC)



- With the Jaga Home App, end users have full control over their indoor climate.
- With the Jaga Pro App, installation technicians are able to streamline their activities remotely, enhance productivity and offer support to their customers.



ELECTRICAL CONNECTION

clamp connector for electrical connection 24 VDC on the right, via 230 VAC power supply to be connected



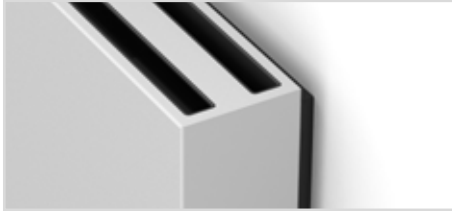
HYDRONIC CONNECTION (left)
preassembled valves, connection
Eurocone G 1/2" F

BRIZA M NET ZERO **BASE-LINE PLUG & PLAY** CEILING MOUNTED MODEL

The very first Plug & Play ceiling model. Control your comfort and optimise your installation with the Jaga App.

DIFFERENT TEMPERATURE SETTINGS

JAGA APP (JIC)



- With the Jaga Home App, end users have full control over their indoor climate.
- With the Jaga Pro App, installation technicians are able to streamline their activities remotely, enhance productivity and offer support to their customers.



HYDRONIC CONNECTION (left)
preassembled valves, connection
Eurocone G 1/2" F

ELECTRICAL CONNECTION
clamp connector for electrical
connection 24 VDC on the
right, via 230 VAC power
supply to be connected

BRIZA M NET ZERO BASE-LINE PLUG & PLAY

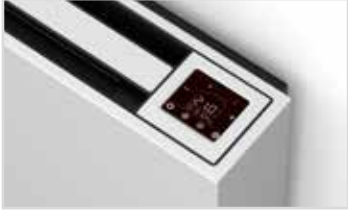
CONTROL SYSTEMS

TEMPERATURE REGULATION VIA CONTROL PANEL (TPT)



- The Room temperature is set on the control panel.
- Heating from 16 to 26°C
 - Cooling from 16 to 26°C

INTEGRATED WI-FI THERMOSTAT (BT)



- programmable time zones 7 days (1-7)
- aansturing ventielen 24 VDC verwarmen/koelen
- LCD touch screen



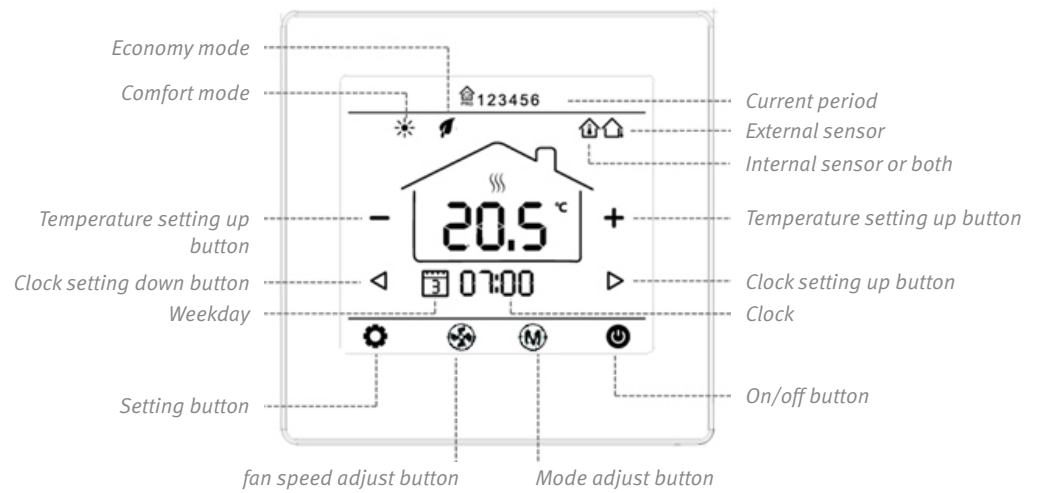
Touchscreen



WiFi



App



- control via Wi-Fi (smartphone app)

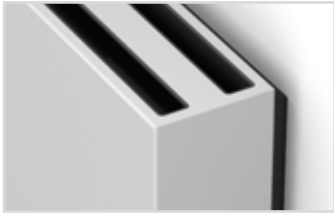
Manual selection of the ideal temperature

Program your weekly program

Select the desired temperature



JAGA APP (JIC)



Jaga Home App (for the end-user)

The Jaga Home App is a user-friendly platform specifically developed for end users, offering them effortless control over their heating and cooling systems with a few touches on their smartphones or tablets. Whether it's to adjust the temperature, to create the perfect atmosphere or for setting the air flow for optimal comfort, the Jaga Home App hands full control over to the user.

These are the most important features of the Jaga Home App::

- **Remote control:** Control your heating or cooling system from any remote location, for unprecedented flexibility and user convenience.
- **Adjustable settings:** Adjust the settings to your liking, creating a home environment just the way you like it.
- **Insight into energy efficiency:** Gain valuable insights into your energy consumption and optimise your system for maximum efficiency, resulting in saving energy as well as money.
- **Intuitive interface:** User-friendly interface that simplifies control



WiFi



App

Jaga Home App



Choose the desired system



Program your weekly program



Select the desired temperature



Jaga Pro App



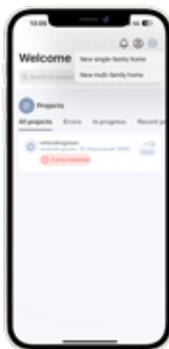
Jaga Pro App (for the installation technician)

For installation technicians, the Jaga Pro App is a powerful tool to manage projects, support customers remotely and to have access to essential resources, such as manuals for hardware and installation videos.

These are the most important features of the Jaga Pro App::

- **Project Management:** Monitor the progress of active projects, from first installation to maintenance and support, to allow everything to run smoothly from beginning to end.
- **Remote Assistance:** Diagnose and solve remotely, supporting customers quickly and efficiently without the need for an installation technician to personally stop by.
- **Access to Documentation:** Direct access to manuals and installation videos for Jaga products, providing all information for installation technicians within reach.
- **Improved Customer Service:** Deliver outstanding service to your customers by quickly and efficiently solving issues, meanwhile increasing customer satisfaction and reliability.

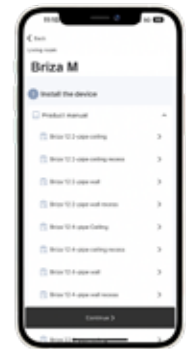
Create/Manage Project(s)



View unit details, including error reports and control panel

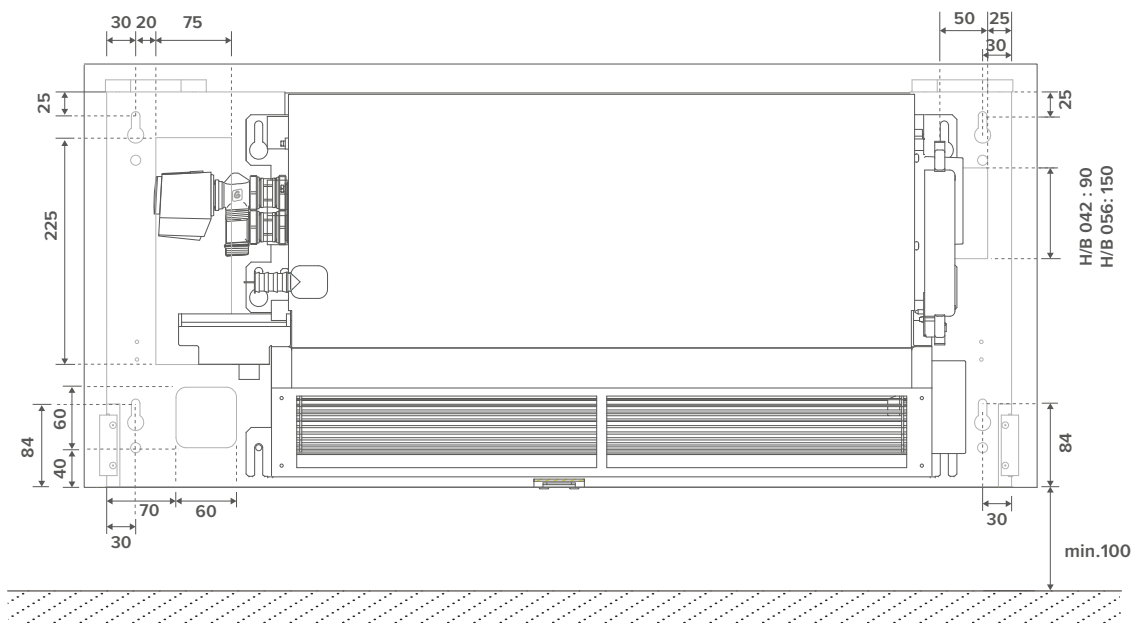
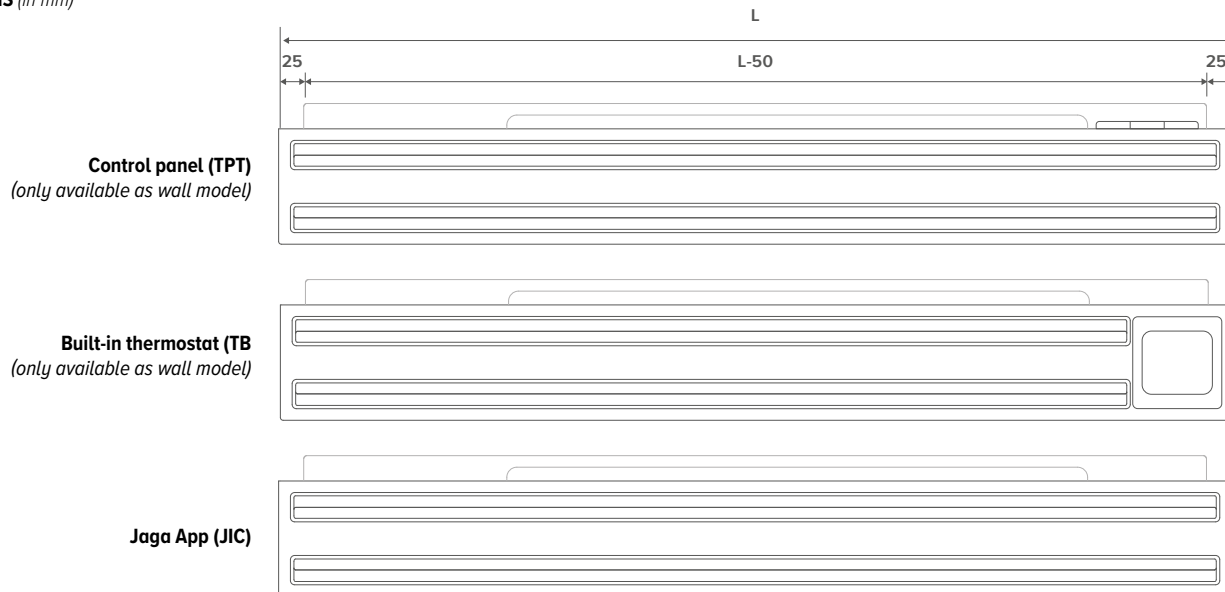


Consult Product Information

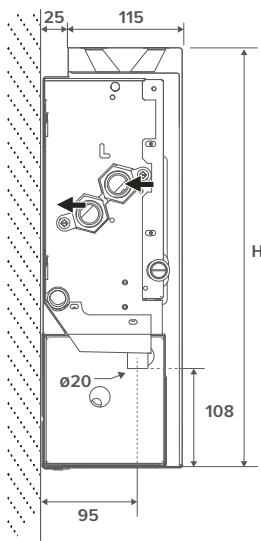


BRIZA M NET ZERO BASE-LINE PLUG & PLAY

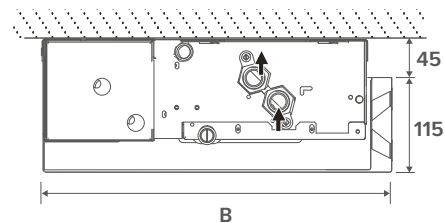
DIMENSIONS (in mm)



Wall mounted model



Ceiling mounted model



BRIZA M NET ZERO BASE-LINE PLUG & PLAY

STANDARD DELIVERY

- coated casing made from Sendzimir galvanised steel sheet
- coated back panel made from Sendzimir galvanised sheet steel
- coated aluminium air outlet vent with honeycomb grille coated jet black
- robust interior made from electro-galvanised steel premounted to the back panel (supplied with insulation)
- condensation tray with drain
- aluminium-copper heat exchanger with hydrophilic coating
- tangential EC fan with stainless steel air filter
- **integrated 230V power supply**
- **pre-assembled connection set**

Version TPT

- Control panel

Version TB

- Wi-Fi thermostat (black) with touchscreen

Version JIC

- Jaga Home App for end user / Jaga Pro App for installation technician

COLOURS

Casing

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

see Jaga colour chart

Back panel

Standard colour

- jet black (104), soft touch lightly structured satin powder coating
- traffic white RAL 9016 (133), soft touch lightly structured satin lacquer (only available with ceiling model)

Air outlet vent

Standard colour

jet black (104), soft touch lightly structured satin powder coating

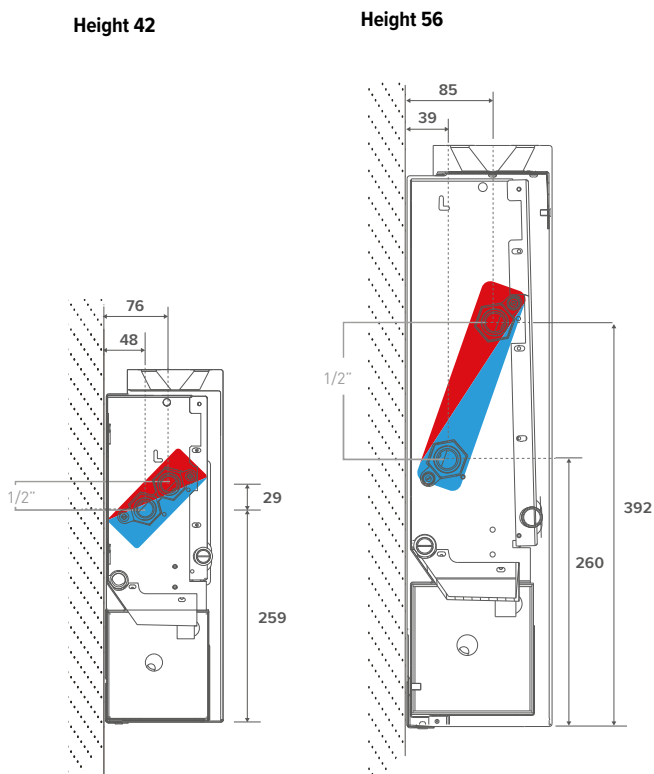
CONNECTION

- 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 **L** instead of **R**. no surcharge.

HYDRONIC CONNECTION



ORDER CODE PLUG & PLAY WALL MOUNTED MODEL

BNZW 042 075 0M XXX 2 L BL D01

Control: TPT: D01

TB: F01 TB

JIC: J01

Connection: Standard: L

Optional: R

Casing colour

Length

Height

ORDER CODE PLUG & PLAY CEILING MOUNTED MODEL

BNZC 042 075 0M XXX X 2 L BL J01

Connection: Standard: L

Optional: R

Back panel colour:

- Jet black (104): B

- Traffic white (133): W

Casing colour

Length

Width



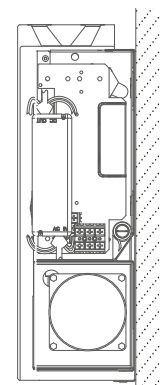
Order sleeve couplings 3/4" Eurocone separate



Condensing cooling with a ceiling-mounted model?
Add a condensate pump to your order! (8773 0101)!

ELECTRICAL CONNECTION

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



BRIZA M NET ZERO BASE-LINE PLUG & PLAY WALL MOUNTED MODEL

HEIGHT H cm	LENGTH L cm	TYPE T	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	ORDER CODE
				16/18 Watts	7/12 Watts	7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts				
BNZW 042	075	M	2	115	284	201	223	406	497	538	18.5	64	1.6	BNZW 042 075 0M XXX 2 L BL D01
			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	M	M	2	191	472	334	382	695	850	921	24.0	108	2.5	BNZW 042 095 0M XXX 2 L BL D01
			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	M	M	2	313	773	547	602	1093	1338	1450	24.6	146	2.6	BNZW 042 125 0M XXX 2 L BL D01
			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	M	M	2	412	1015	718	742	1348	1650	1788	25.7	173	2.8	BNZW 042 145 0M XXX 2 L BL D01
			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	
056 075	M	M	2	170	419	296	346	629	770	835	19.2	81	2.0	BNZW 056 075 0M XXX 2 L BL D01
			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	M	M	2	295	728	515	557	1012	1238	1342	23.0	116	2.2	BNZW 056 095 0M XXX 2 L BL D01
			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	M	M	2	474	1170	827	881	1601	1960	2124	23.1	153	2.8	BNZW 056 125 0M XXX 2 L BL D01
			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	M	M	2	590	1455	1029	1116	2027	2481	2689	25.0	182	2.8	BNZW 056 145 0M XXX 2 L BL D01
			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.

Casing colour

Connection left (L) or right (R)

Control: TPT: D01

TB: F01 TB

JIC: J01

BRIZA M NET ZERO BASE-LINE PLUG & PLAY CEILING MOUNTED MODEL

HEIGHT H cm	LENGTH L cm	TYPE T	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	ORDER CODE
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BNZC 042 075	M	2	2	115	284	201	223	406	497	538	18.5	64	1.6	BNZC 042 075 OM XXX X 2 L BL J01
		4	4	135	328	235	256	465	569	617	29.4	101	2.6	
		6	6	159	382	276	296	537	657	712	31.3	141	4.3	
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		10	10	214	503	373	413	751	919	996	42.5	214	13.0	
095	M	2	2	191	472	334	382	695	850	921	24.0	108	2.5	BNZC 042 095 OM XXX X 2 L BL J01
		4	4	217	529	379	421	764	935	1014	30.0	172	4.3	
		6	6	252	607	440	445	808	989	1072	36.8	223	7.2	
		8	8	297	707	518	555	1009	1234	1338	41.5	287	11.5	
		10	10	352	828	614	680	1236	1513	1640	44.5	346	18.0	
125	M	2	2	313	773	547	602	1093	1338	1450	24.6	146	2.6	BNZC 042 125 OM XXX X 2 L BL J01
		4	4	347	845	605	672	1222	1495	1620	30.2	221	4.8	
		6	6	396	953	691	765	1389	1700	1843	37.0	298	8.0	
		8	8	465	1106	811	895	1626	1991	2157	42.5	381	14.0	
		10	10	559	1314	974	1081	1963	2403	2604	47.0	448	24.0	
145	M	2	2	412	1015	718	742	1348	1650	1788	25.7	173	2.8	BNZC 042 145 OM XXX X 2 L BL J01
		4	4	450	1097	785	842	1529	1872	2028	30.5	268	5.5	
		6	6	505	1215	881	964	1751	2143	2323	37.3	373	10.3	
		8	8	584	1390	1019	1126	2046	2505	2714	43.0	466	18.5	
		10	10	698	1640	1216	1347	2448	2996	3247	47.0	510	28.8	
056 075	M	2	2	170	419	296	346	629	770	835	19.2	81	2.0	BNZC 056 075 OM XXX X 2 L BL J01
		4	4	214	521	373	421	765	936	1014	25.2	118	3.2	
		6	6	256	617	447	495	899	1100	1193	32.2	154	5.5	
		8	8	296	705	517	568	1032	1263	1369	38.1	193	9.6	
		10	10	332	781	579	641	1164	1424	1544	42.5	228	16.8	
095	M	2	2	295	728	515	557	1012	1238	1342	23.0	116	2.2	BNZC 056 095 OM XXX X 2 L BL J01
		4	4	358	872	624	688	1250	1530	1658	27.8	176	3.6	
		6	6	426	1025	743	819	1488	1821	1973	34.4	238	5.7	
		8	8	492	1171	859	944	1716	2100	2276	39.9	291	9.6	
		10	10	550	1294	959	1060	1927	2358	2555	43.5	332	15.6	
125	M	2	2	474	1170	827	881	1601	1960	2124	23.1	153	2.8	BNZC 056 125 OM XXX X 2 L BL J01
		4	4	569	1387	993	1094	1988	2433	2636	29.1	236	5.4	
		6	6	676	1628	1179	1307	2374	2906	3149	36.5	321	10.0	
		8	8	783	1863	1365	1509	2742	3356	3637	42.5	398	18.0	
		10	10	877	2062	1529	1690	3071	3759	4074	46.5	467	28.8	
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		6	6	843	2030	1471	1630	2962	3625	3929	37.5	360	10.0	
		8	8	977	2324	1704	1884	3424	4191	4542	42.8	455	18.0	
		10	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.

Casing colour

Back panel colour: Jet black (104) : B
Traffic white (133): W

Connection left (L) or right (R)



BRIZA M NET ZERO **BASE-LINE** WALL MOUNTED MODEL

ROBUST INTERIOR

made from electro-galvanised steel, premounted to the back panel (supplied with insulation)

HYDRONIC CONNECTION (left)

BACK PANEL (jet black 104)

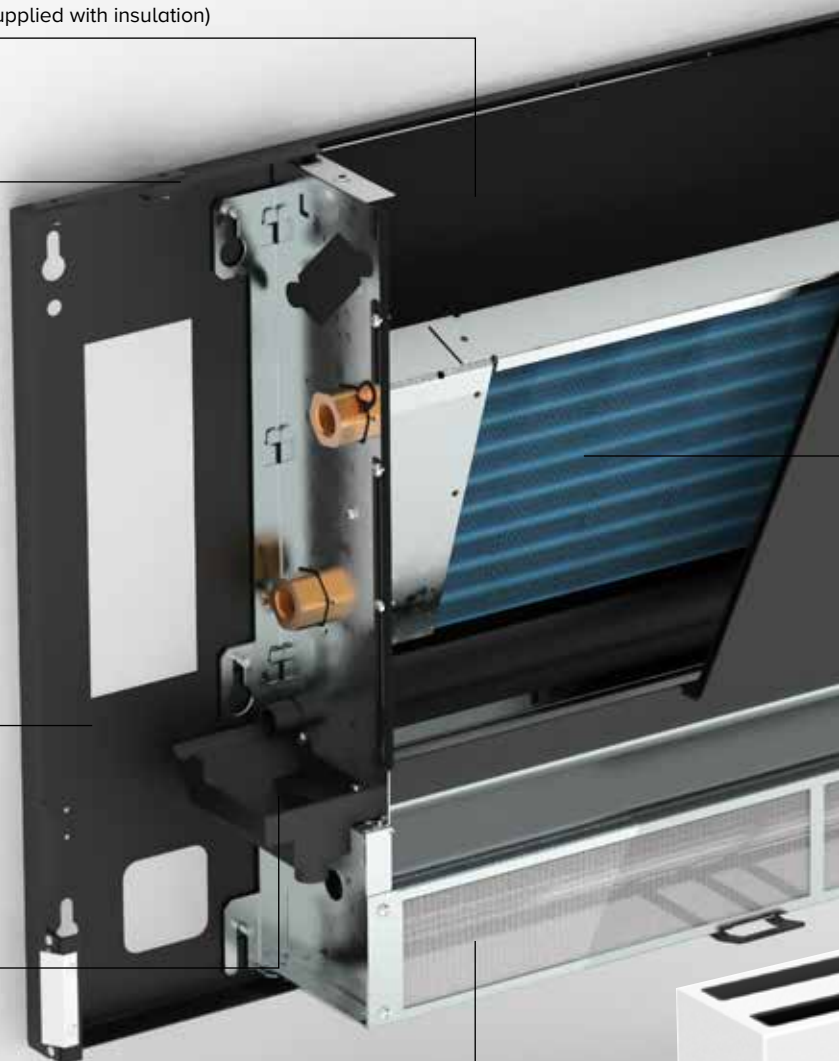
for simple installation. The panel is supplied with recesses for water-side and electrical connection.

METAL CONDENSATE TRAY

with epoxy-polyester coating (RAL 7024)

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.



CONFIGURABLE UNIT

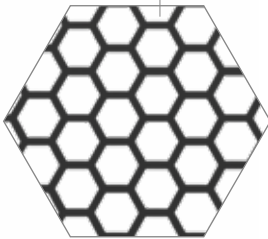
ELECTRICAL CONNECTION

clamp connector for electric connection 24 VDC, to connect via an external power supply, on the right hand side.

HEAT EXCHANGER WITH HYDROPHILIC

coating for optimum cooling performance

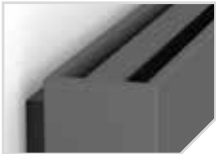
AIR OUTLET VENT in coated aluminium, supplied with jet black coated honeycomb grille



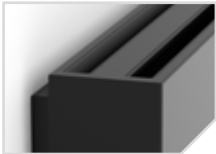
COATED HOUSING in sendzimir galvanised steel plate



Traffic white 133



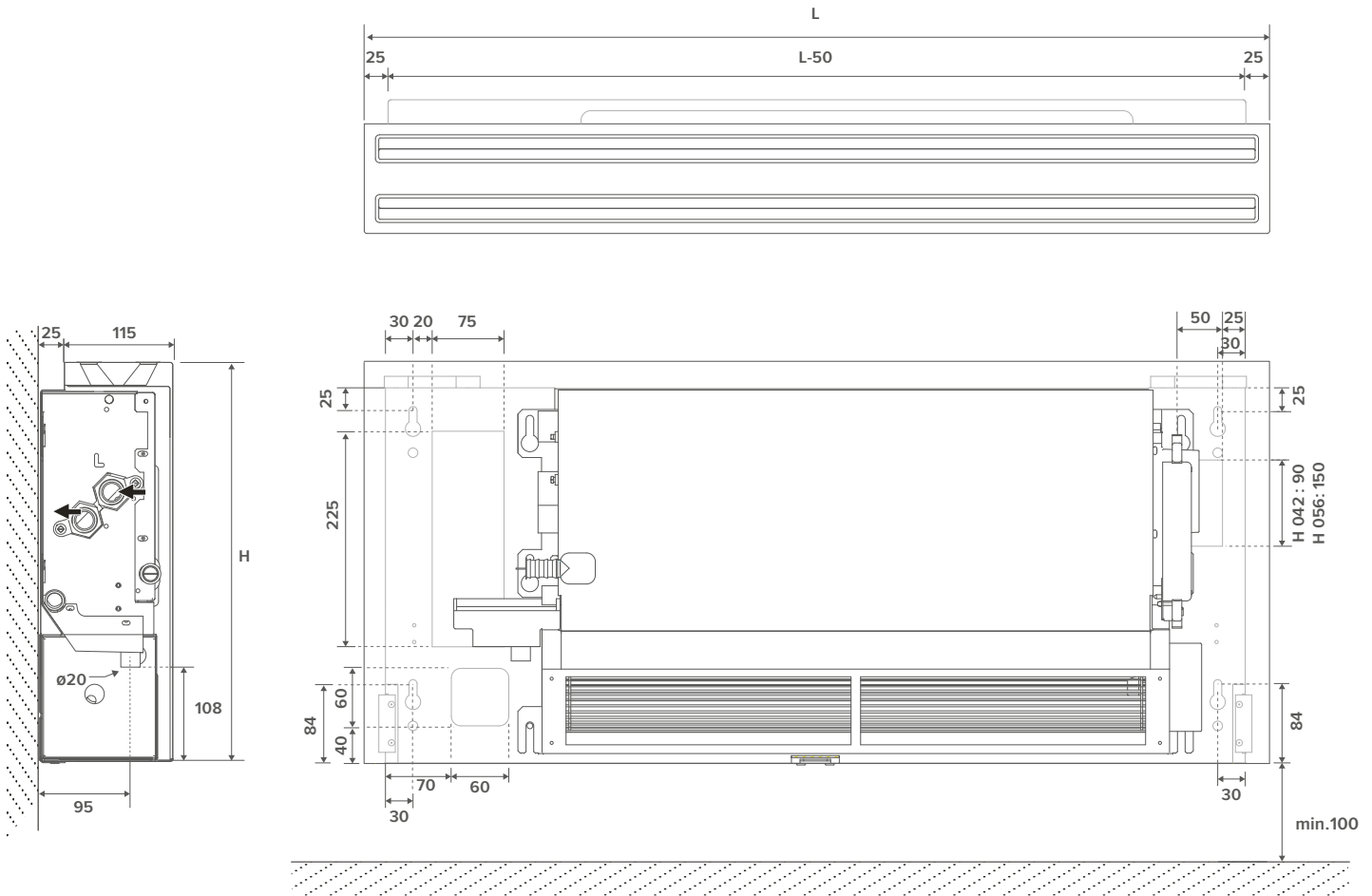
Sandblast grey 001



Off-black 145

BRIZA M NET ZERO BASE-LINE WALL MOUNTED MODEL

DIMENSIONS (in mm)



STANDARD DELIVERY

- coated casing made from Sendzimir galvanised steel sheet
- coated back panel made from Sendzimir galvanised sheet steel
- coated aluminium air outlet vent with honeycomb grille coated jet black
- robust interior made from electro-galvanised steel premounted to the back panel (supplied with insulation)
- condensation tray with drain
- aluminium-copper heat exchanger with hydrophilic coating
- tangential EC fan with stainless steel air filter

COLOURS

Casing

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

see Jaga colour chart

Back panel

Standard colour

jet black (104), soft touch lightly structured satin powder coating

Air outlet vent

Standard colour

jet black (104), soft touch lightly structured satin powder coating

CONNECTION

Standard

- 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 **L** instead of **R**. No surcharge.

ORDER CODE

BNZW 042 075 OM XXX 2 L BL DDD

Control:

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

Connection: Standard: L
Optional: R

Casing colour

Length

Height

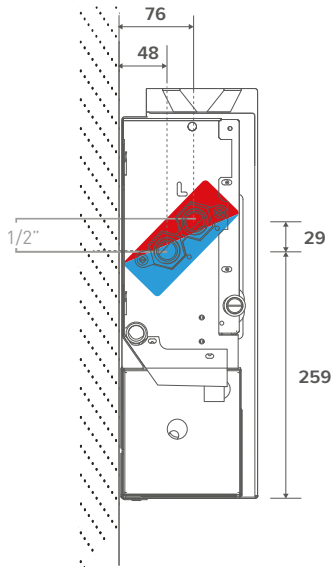


BRIZA M NET ZERO BASE-LINE WALL MOUNTED MODEL

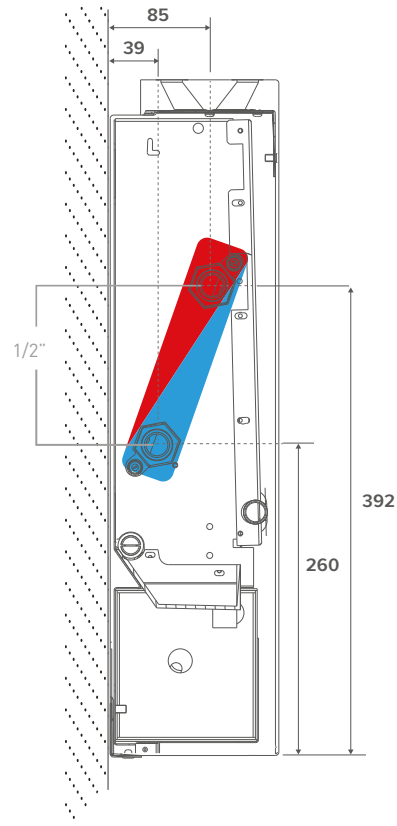
HYDRONIC CONNECTION

DIMENSIONS (in mm)

Height 42



Height 56



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 M NET ZERO BASE-LINE WALL MOUNTED MODEL

ELECTRICAL CONNECTION

POWER SUPPLIES

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

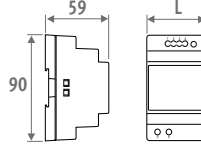
Waterproof power supply 24 VDC with waterproof cable gland



- 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.: BNZW 042 075 0M 133 2 L BL 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 Jaqa.

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

JDPC CONTROLS (OPTIONAL)



TYPE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	2-PIPE	4-PIPE	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control (D03)	  	-	✓	✓	-	✓	-
Jaga 3 settings controller (D05)	  	✓	-	✓	-	✓	-




NO JAGA JDPC 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

- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will open the thermoelectric valve. When heat or cold is requested, a BMS/home automation system or JAGA thermostat will send a 0-10V signal. When detecting cold (<18°C) or hot (>28°C) water, the fan will rotate proportionally to the 0-10V signal.

JAGA 3 SETTINGS CONTROLLER

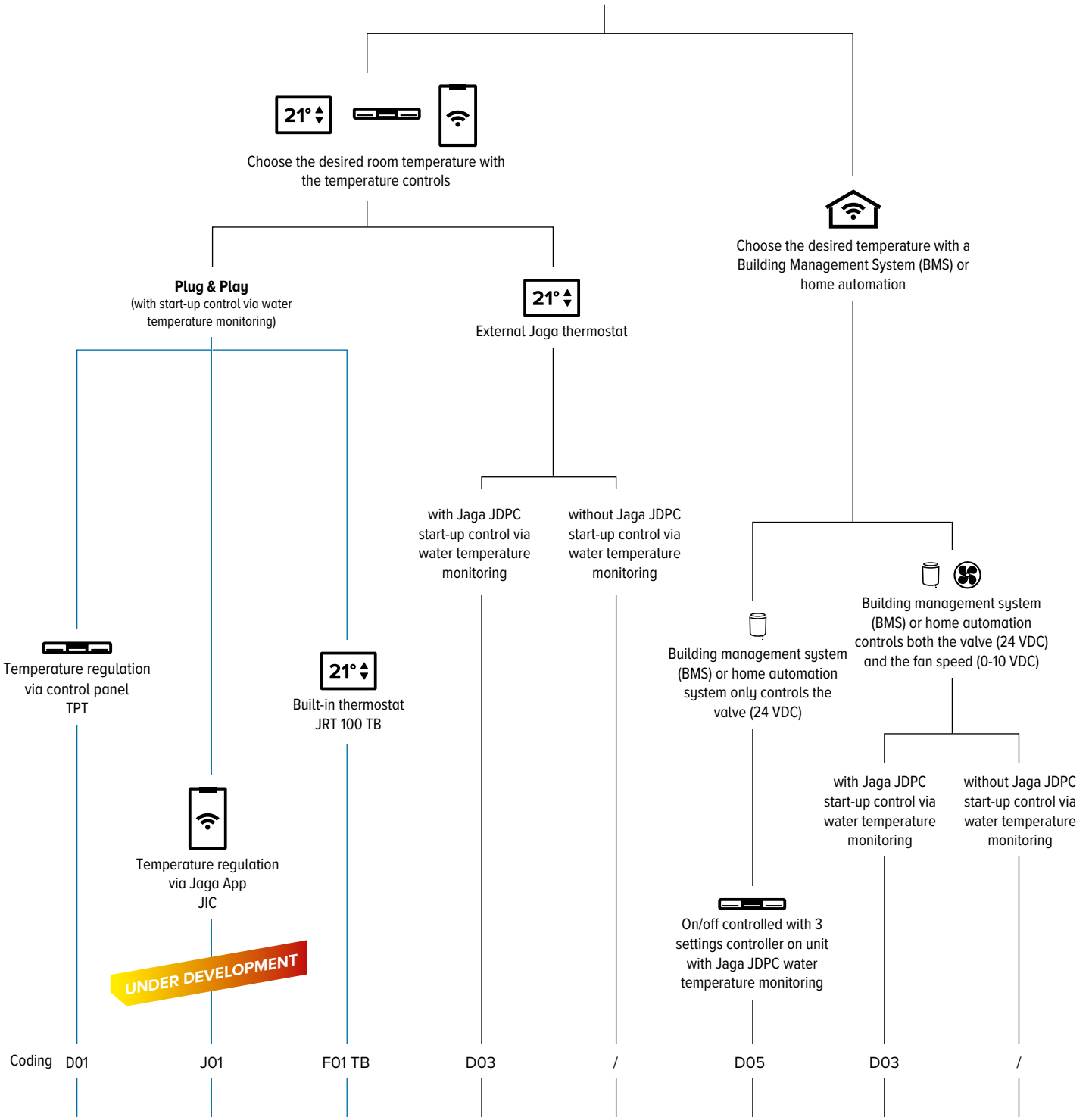
- When heat or cold is requested, a BMS/home automation system will open the thermoelectric valve. The fan will rotate at a fixed speed once the water has reached the setting of 28°C. The fan will rotate at a fixed speed once the water has reached the setting of 18°C.
- The user manually selects the 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 M NET ZERO BASE-LINE WALL MOUNTED MODEL

WHICH JAGA CONTROL SYSTEM TO CHOOSE



Wall mounted model



UNDER DEVELOPMENT

Unit included

- valve set
- power supply
- integrated temperature regulation (TPT, App (JIC) of JRT 100 TB)

(Order sleeve couplings 3/4" Eurocone separate)

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 M NET ZERO BASE-LINE WALL MOUNTED MODEL

HEIGHT			CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C			HEATING Room temperature 20°C				SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	ORDER CODE
H	L	T		U	16/18	7/12	7/12	35/30	45/40	50/45				
cm	cm		V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m ³ /h	Watts	
BNZW 042	075	M	2	115	284	201	223	406	497	538	18.5	64	1.6	BNZW 042 075 0M XXX 2 L BL 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	M	2	191	472	334	382	695	850	921	24.0	108	2.5	BNZW 042 095 0M XXX 2 L BL 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	M	2	313	773	547	602	1093	1338	1450	24.6	146	2.6	BNZW 042 125 0M XXX 2 L BL 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	M	2	412	1015	718	742	1348	1650	1788	25.7	173	2.8	BNZW 042 145 0M XXX 2 L BL 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		
056 075	M	2	170	419	296	346	629	770	835	19.2	81	2.0	BNZW 056 075 0M XXX 2 L BL DDD	
		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	M	2	295	728	515	557	1012	1238	1342	23.0	116	2.2	BNZW 056 095 0M XXX 2 L BL DDD	
		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	M	2	474	1170	827	881	1601	1960	2124	23.1	153	2.8	BNZW 056 125 0M XXX 2 L BL DDD	
		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	M	2	590	1455	1029	1116	2027	2481	2689	25.0	182	2.8	BNZW 056 145 0M XXX 2 L BL DDD	
		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.

Casing colour

Connection left (L) or right (R)

Control: No control system: (leave blank)

Jaga BMS 0-10V control: D03

Jaga 3 settings controller: D05



Briza M Net Zero
BASE-Line H56 x L95

Off-black (145)

- 16/18/27 °C 550 Watts (10 V)
- 7/12/27 °C 1294 Watts (10 V)
- 35/30/20 °C 1060 Watts (10 V)

BRIZA M NET ZERO **BASE-LINE CEILING MOUNTED MODEL**

BACK PANEL (jet black (104) or traffic white (133)) for simple installation.
The panel is supplied with recesses for water-side and electrical connection.

HYDRONIC CONNECTION (left)



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



Traffic white 133



Sandblast grey 001



Off-black 145

CONFIGURABLE UNIT

HEAT EXCHANGER

with hydrophilic coating for optimum cooling performance

ROBUST INTERIOR MADE

from electro-galvanised steel, premounted to the back panel

ELECTRICAL CONNECTION

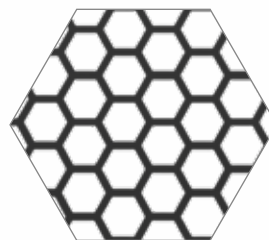
clamp connector for electric connection 24 VDC, to connect via an external power supply, on the right hand side.

CONDENSATE TRAY

from electrolytic galvanized steel plate dark grey lacquered in RAL 7024 (supplied with insulation)

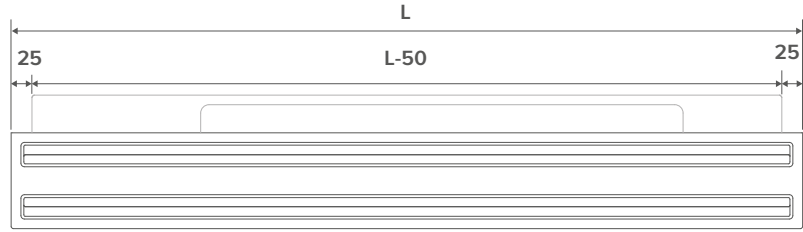
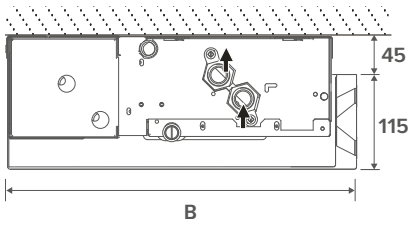
AIR OUTLET VENT

in coated aluminium, supplied with jet black coated honeycomb grille

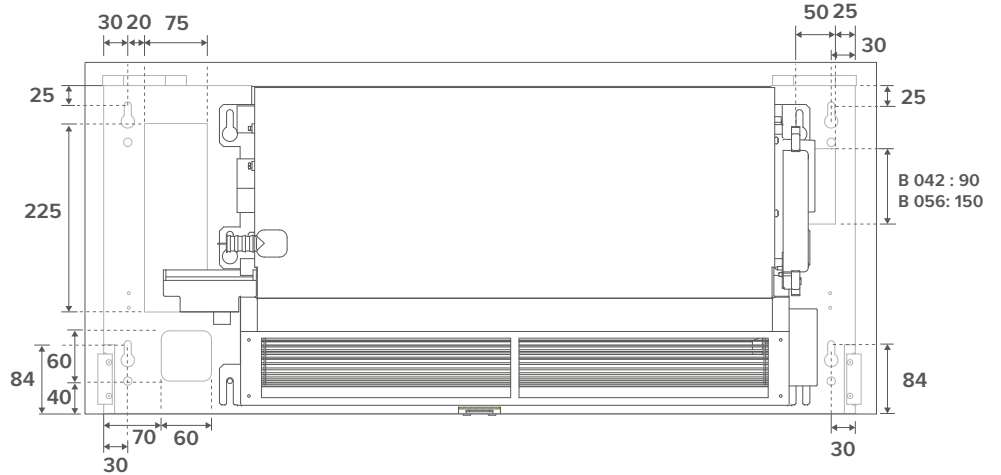
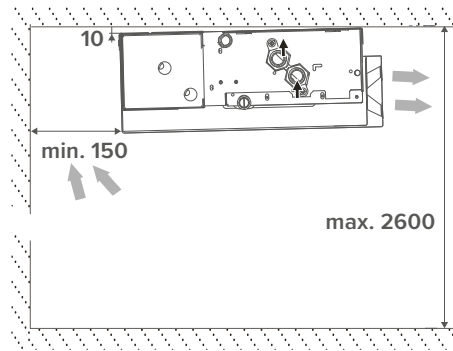


BRIZA M NET ZERO BASE-LINE CEILING MOUNTED MODEL

DIMENSIONS (in mm)



INSTALLATIE (in mm)



STANDARD DELIVERY

- coated casing made from Sendzimir galvanised steel sheet
- coated back panel made from Sendzimir galvanised sheet steel
- coated aluminium air outlet vent with honeycomb grille coated jet black
- robust interior made from electro-galvanised steel pre-mounted to the back panel (supplied with insulation)
- condensation tray with drain (supplied with insulation)
- aluminium-copper heat exchanger with hydrophilic coating
- tangential EC fan with stainless steel air filter

COLOURS

Casing

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

see Jaga colour chart

Back panel

Standard colours

- jet black (104), soft touch lightly structured satin powder coating
- traffic white RAL 9016 (133), soft touch lightly structured satin lacquer

Air outlet vent

Standard colour

jet black (104), soft touch lightly structured satin powder coating

CONNECTION

Standard

- 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 **L** instead of **R**. No surcharge.

ORDER CODE

BNZC 042 075 OM XXX X 2 L BL DDD

Control:

- No control system : (leave blank)
- Jaga BMS 0-10V control: D03
- Jaga On/off: D07

Connection: Standard: L
Optional: R

Back panel colour:

- Jet black (104) : B
- Traffic white (133): W

Casing colour

Length

Width

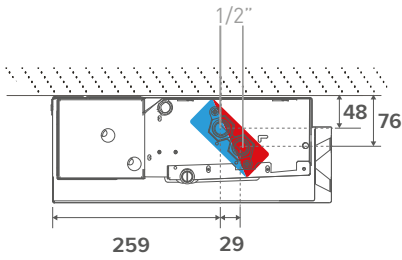


BRIZA M NET ZERO **BASE-LINE** CEILING MOUNTED MODEL

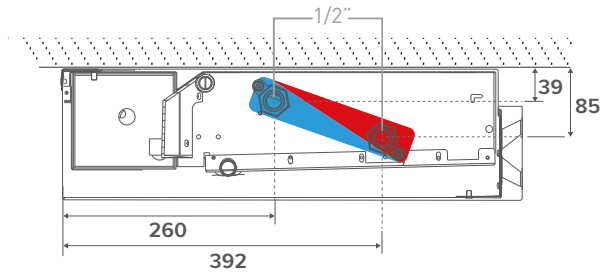
HYDRONIC CONNECTION

DIMENSIONS (in mm)

Width 42



Width 56



CONNECTION SETS

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

CONDENSATION SOLUTIONS

Condensate pump



CODE
8773 0101

Stainless steel flexible connections 1/2"



CODE	Length	
7990 068	200 < 260 mm	2 units

BRIZA M NET ZERO BASE-LINE CEILING MOUNTED MODEL

ELECTRICAL CONNECTION

POWER SUPPLIES

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

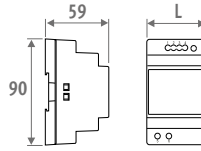
Waterproof power supply 24 VDC with waterproof cable gland



- 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.: BNZC 042 075 0M 133 2 L BL 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)	NUMBER OF BRIZAS									
	10	20	30	40	50	60	70	80	90	100
BRIZA M L075										
1 mm ²	5	2	2	2	1					
1.5 mm ²	8	4	4	2	2	2	2	1		
2.5 mm ²	13	6	4	3	3	2	2	2	2	1
BRIZA M L095										
1 mm ²	4	2	2	1						
1.5 mm ²	6	3	2	2	2	1				
2.5 mm ²	11	5	3	3	2	2	2	2	2	1
BRIZA M L125										
1 mm ²	3	3	1							
1.5 mm ²	5	2	2	2	1					
2.5 mm ²	9	4	4	2	2	2	2	1		
BRIZA M L145										
1 mm ²	3	3	1							
1.5 mm ²	4	2	2	1						
2.5 mm ²	8	4	4	2	2	2	2	1		

JDPC CONTROLS (OPTIONAL)

JDPC (JAGA DYNAMIC PRODUCT CONTROLLER)



TYPE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	2-PIPE	4-PIPE	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control (D03)	  	-	✓	✓	-	✓	-
Jaga On/off (D07)	  	-	-	✓	-	✓	-

NO JAGA JDPC 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

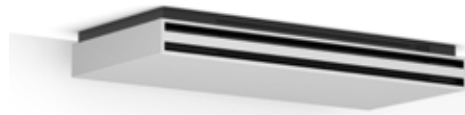
- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will open the thermoelectric valve. When heat or cold is requested, a BMS/home automation system or JAGA thermostat will send a 0-10V signal. When detecting cold (<18°C) or hot (>28°C) water, the fan will rotate proportionally to the 0-10V signal.

JAGA ON/OFF

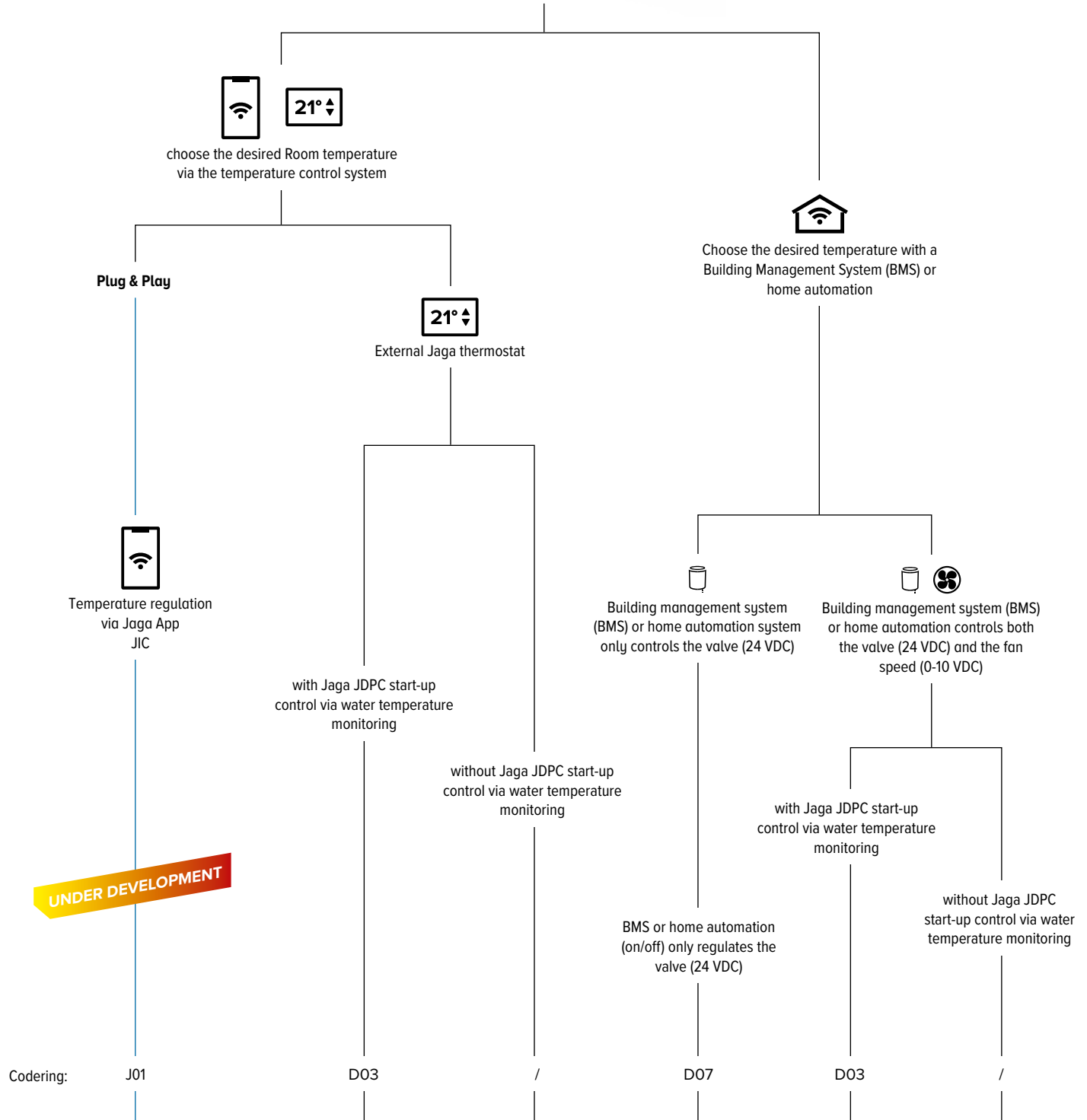
- When heat or cold is requested, a BMS/home automation system will open the thermoelectric valve. The fan will rotate at a fixed speed once the water has reached the setting of 28°C. The fan will rotate at a fixed speed once the water has reached the setting of 18°C.

BRIZA M NET ZERO **BASE-LINE** CEILING MOUNTED MODEL

WHICH JAGA CONTROL SYSTEM TO CHOOSE



Ceiling mounted model



UNDER DEVELOPMENT

Unit included

- valve set
- power supply
- integrated temperature regulation App (JIC)

*(Order sleeve couplings 3/4" Eurocone separate)
Condensing cooling with a ceiling-mounted model?
Add a condensate pump to your order!*

Unit including selected control system

Ordered optionally

- valve set: set 288 or set 289
- Stainless steel flexible connections (in pairs)
- power supply: waterproof swivel nut connector or DIN Rail power supply
- condensate pump

BRIZA M NET ZERO BASE-LINE CEILING MOUNTED MODEL

WIDTH B cm	LENGTH L cm	TYPE T	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	ORDER CODE
				COOLING TOTAL Room temperature 27°C 16/18 Watts	COOLING TOTAL Room temperature 27°C 7/12 Watts	PERCEPTIBLE COOLING Room temperature 27°C 7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts				
BNZC 042	075	M	2	115	284	201	223	406	497	538	18.5	64	1.6	BNZC 042 075 0M XXX X 2 L BL 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	M	2	191	472	334	382	695	850	921	24.0	108	2.5	BNZC 042 095 0M XXX X 2 L BL 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	M	2	313	773	547	602	1093	1338	1450	24.6	146	2.6	BNZC 042 125 0M XXX X 2 L BL 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	M	2	412	1015	718	742	1348	1650	1788	25.7	173	2.8	BNZC 042 145 0M XXX X 2 L BL 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		
056 075	M	2	170	419	296	346	629	770	835	19.2	81	2.0	BNZC 056 075 0M XXX X 2 L BL DDD	
		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	M	2	295	728	515	557	1012	1238	1342	23.0	116	2.2	BNZC 056 095 0M XXX X 2 L BL DDD	
		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	M	2	474	1170	827	881	1601	1960	2124	23.1	153	2.8	BNZC 056 125 0M XXX X 2 L BL DDD	
		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	M	2	590	1455	1029	1116	2027	2481	2689	25.0	182	2.8	BNZC 056 145 0M XXX X 2 L BL DDD	
		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.

Casing colour

Back panel colour: Jet black (104) : B
Traffic white (133) : W

Connection left (L) or right (R)

Control: No control system : (leave blank)
Jaga BMS 0-10V control: D03
Jaga On/off: D07

Briza M Net Zero
BASE-Line B56 x L145
Traffic white (133)

- 16/18/27 °C 1095 Watts (10 V)
- 7/12/27 °C 2575 Watts (10 V)
- 35/30/20 °C 2110 Watts (10 V)



JRT-100 TB
BLACK

8751 050019

JRT-100 TW
WHITE

8751 050017

JRT-100



8751 050012

JRT-200



8751 050013

RDG 160T



8751 050009

RDG264KN



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 netzero.jaga.com/ 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.

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

BRIZA M NET ZERO **BASE-LINE**

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 THERMOSTAT

Option 1: thermostat JRT-100 TW or TB (wifi)

Option 2: thermostat JRT-100

Option 3: thermostat JRT-200

Option 4: thermostat RDG160T

Option 5: home automation

4. HYDRONIC

Option 1: two-pipe system

Option 2: 4-pipe system

5. TEMPERATURE MONITORING

Option 1: with temperature monitoring

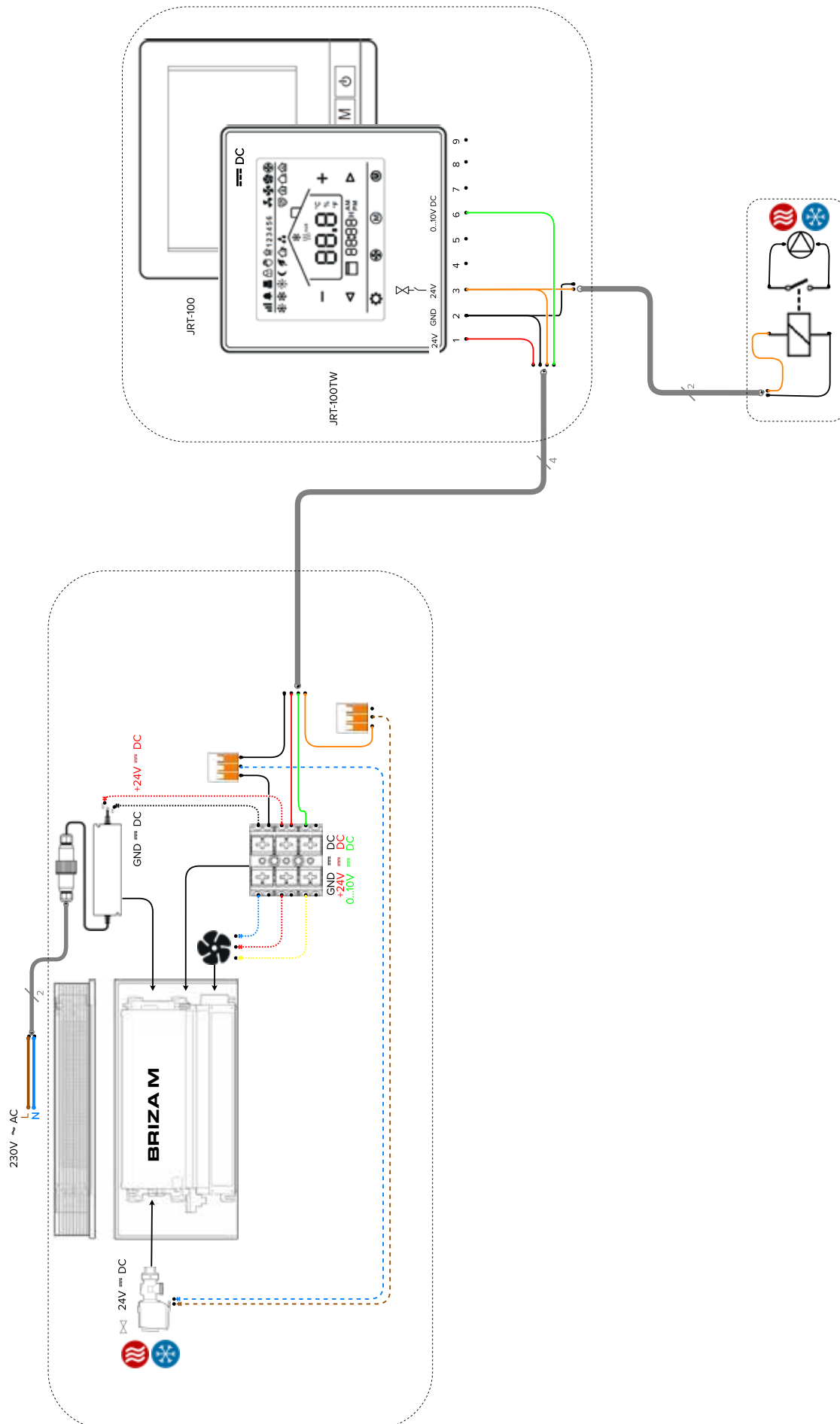
Option 2: without temperature monitoring

6. UNITS / ZONE

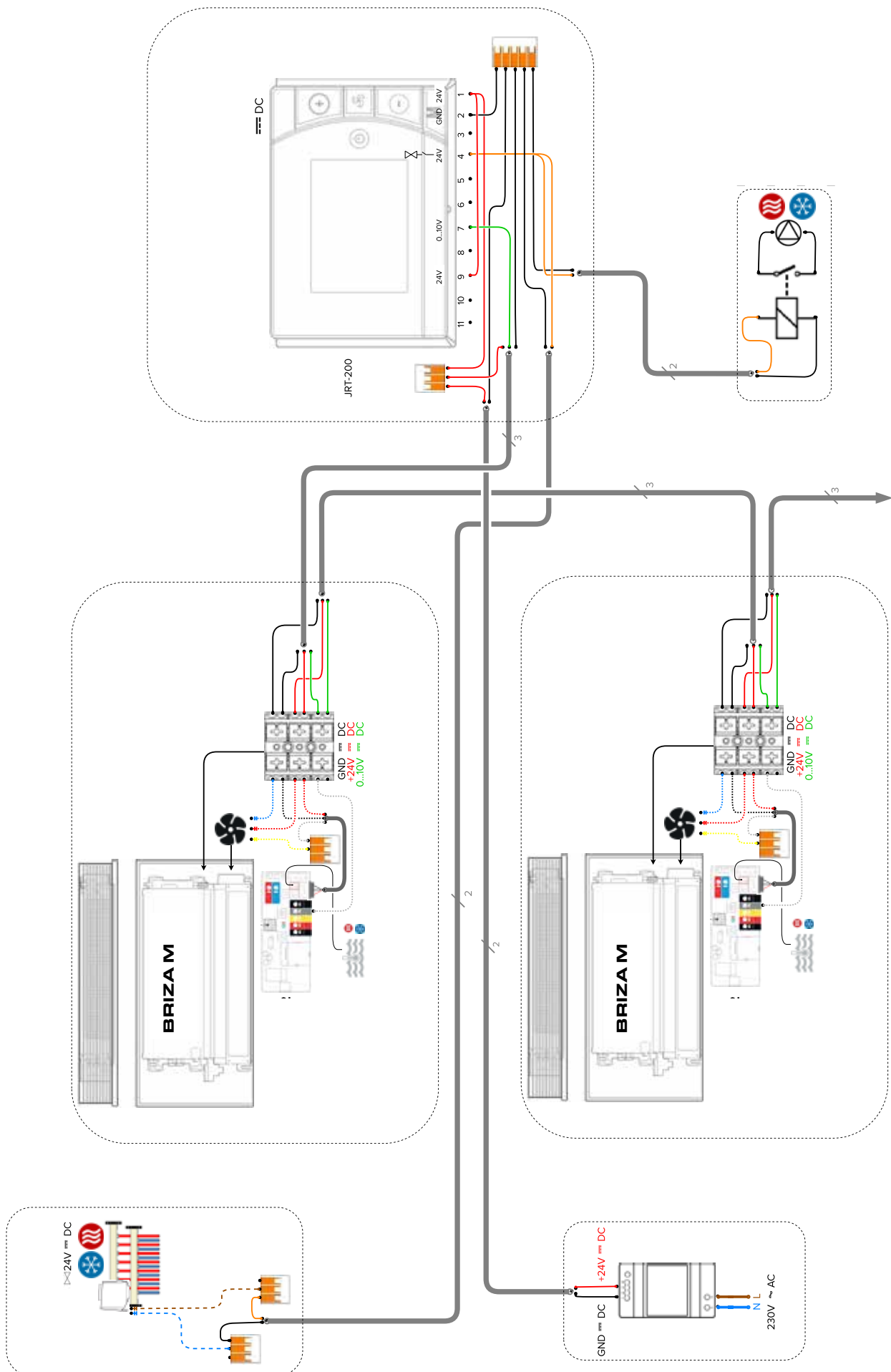
Option 1: one unit

Option 2: multiple units

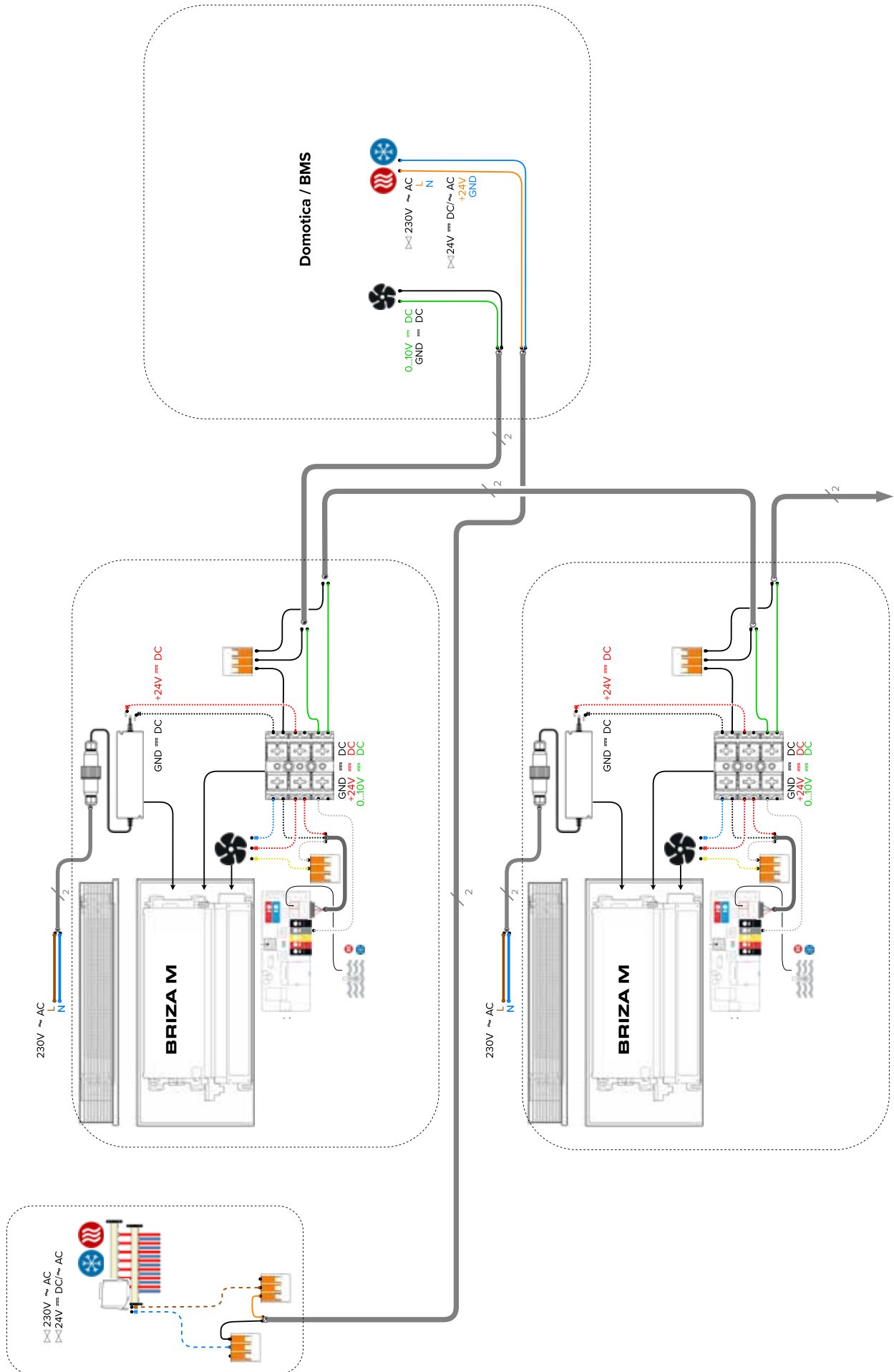
component power - thermostatic valve inside the unit - JRT100 - 2-pipe - without temperature monitoring - 1 unit per area

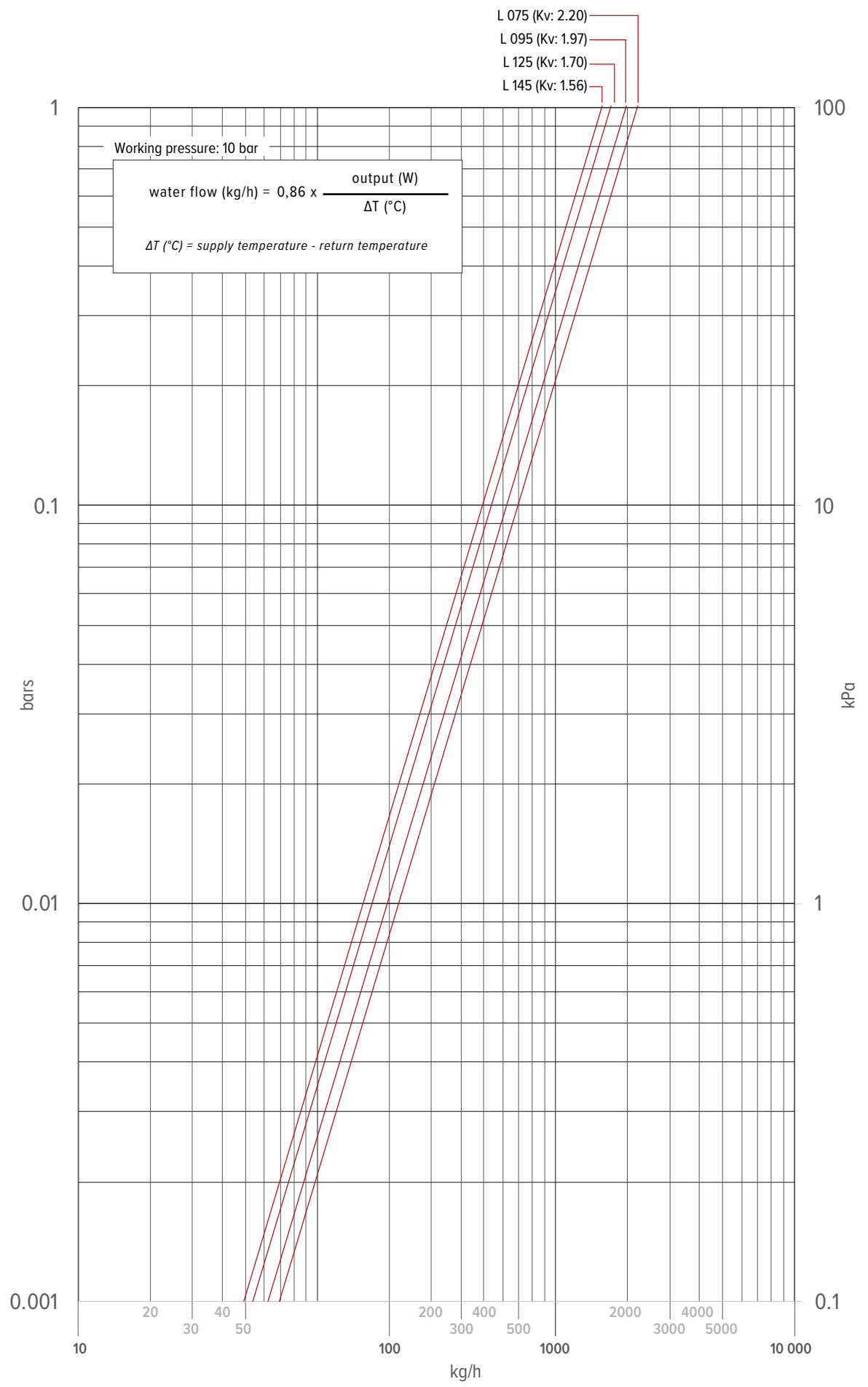


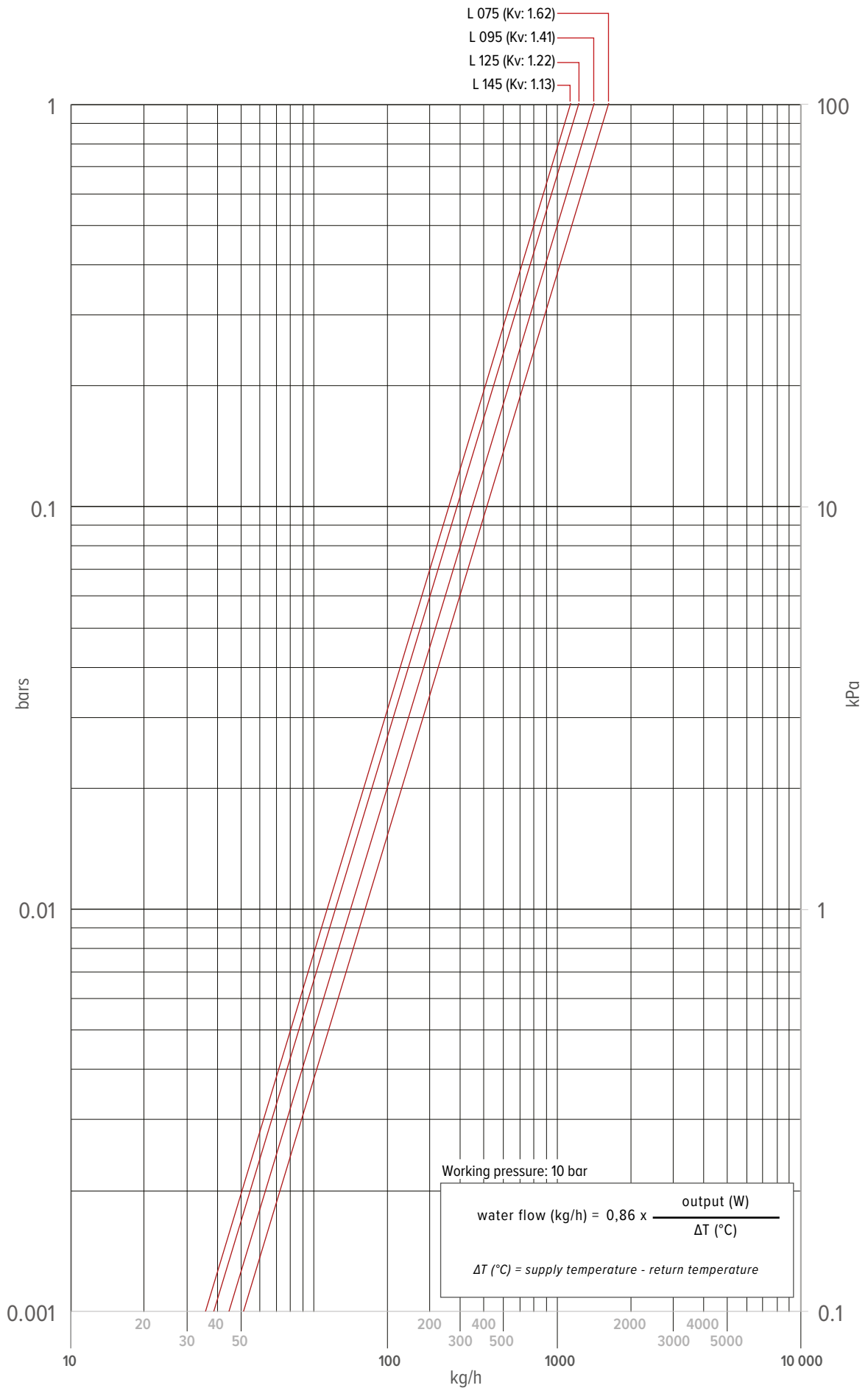
power supply DIN-rail assembly - thermostatic valve on the collector - JRT200 - 2-pipe - temperature monitoring -> 1 unit per area



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









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DESIGNERS

BELGIUM - JAGA NV

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

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