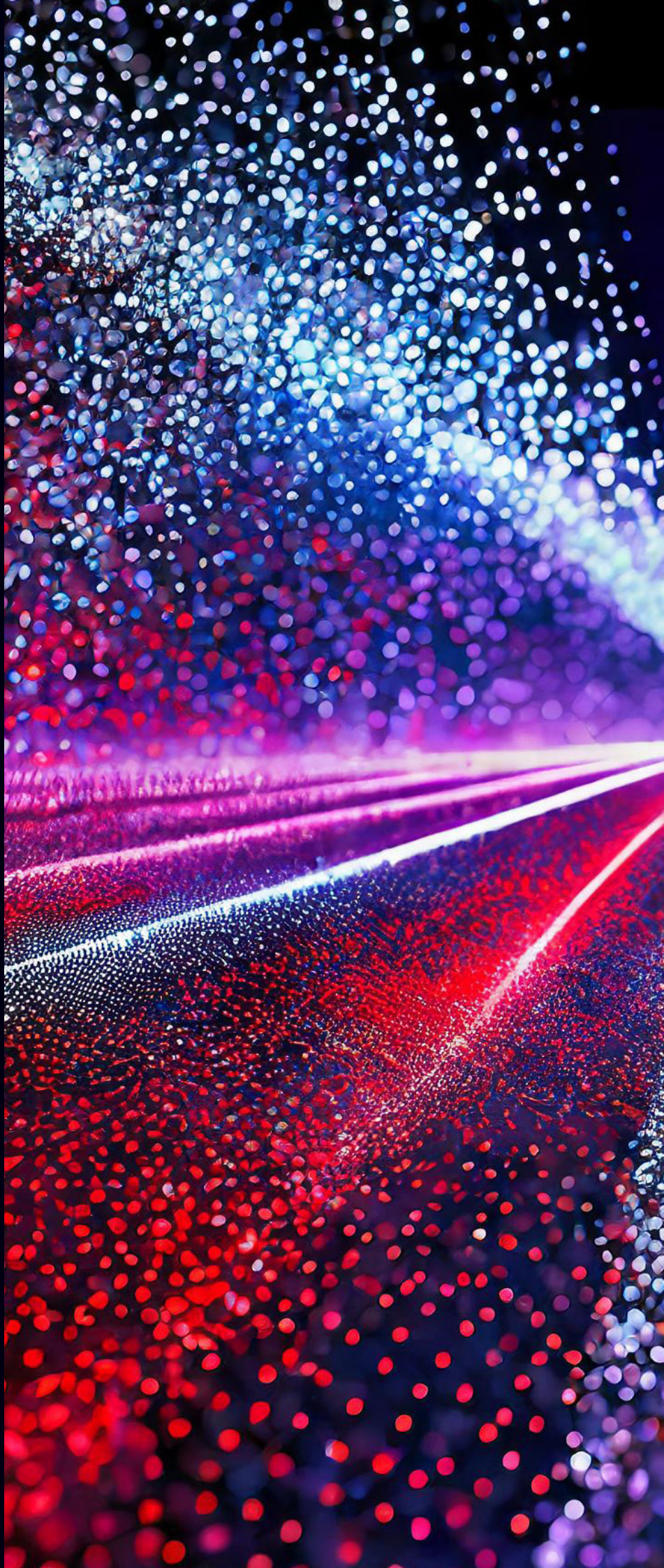




Briza **M** Net Zero BASE-Line

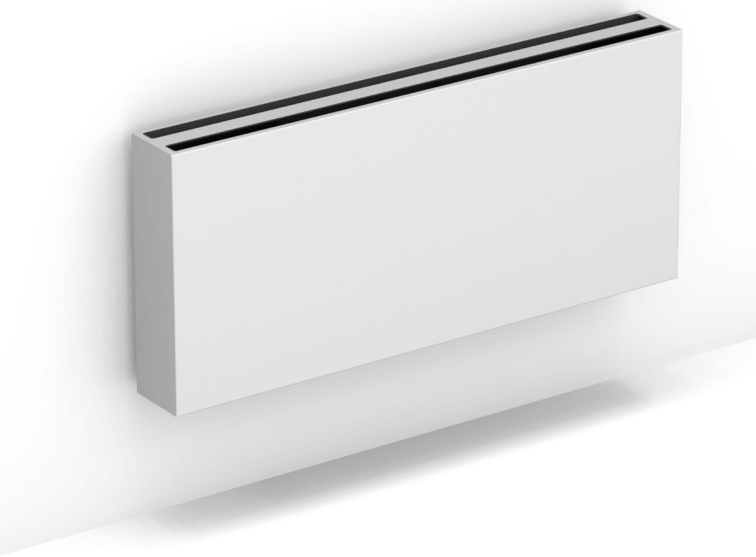
Strong lines,
unmatched output





BRIZA M NET ZERO BASE-LINE

WALL MOUNTED MODEL



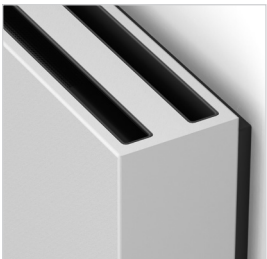
- PLUG & PLAY TPT**
Complete unit with temperature regulation via pre-assembled control panel, valve set and 230V power supply
- height 422 or 562 mm
 - length 750, 950, 1250 or 1450 mm
 - 16/18/27°C: from 214 to 1095 Watts (10V)
 - 7/12/27°C: from 373 to 1910 Watts (10V)
 - 35/30/20°C: from 413 to 2110 Watts (10V)



- PLUG & PLAY TB-**
Complete unit with Wi-Fi thermostat with touchscreen, Jaga fan controller with integrated 230V power supply; pre-assembled connection set
- height 422 or 562 mm
 - length 750, 950, 1250 or 1450 mm
 - 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)

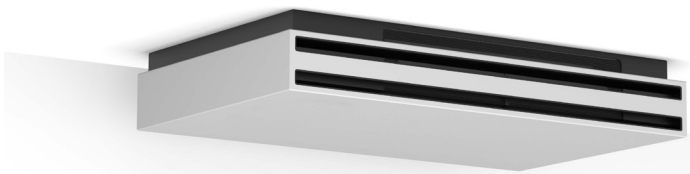


- PLUG & PLAY JIC**
Complete unit with temperature regulation via the Jaga App, valve set and 230V power supply
- height 422 or 562 mm
 - length 750, 950, 1250 or 1450 mm
 - 16/18/27°C: from 214 to 1095 Watts (10V)
 - 7/12/27°C: from 373 to 1910 Watts (10V)
 - 35/30/20°C: from 413 to 2110 Watts (10V)

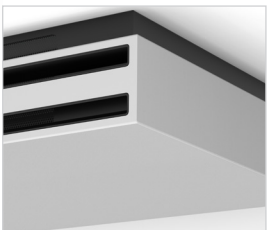


- CONFIGURABLE UNIT**
Water-side and electrical connections tailored to your requirement
- height 422 or 562 mm
 - length 750, 950, 1250 or 1450 mm
 - 16/18/27°C: from 214 to 1095 Watts (10V)
 - 7/12/27°C: from 373 to 1910 Watts (10V)
 - 35/30/20°C: from 413 to 2110 Watts (10V)

CEILING MOUNTED MODEL



- PLUG & PLAY JIC**
Complete unit with temperature regulation via the Jaga App, valve set and 230V power supply
- height 422 or 562 mm
 - length 750, 950, 1250 or 1450 mm
 - 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)



- CONFIGURABLE UNIT**
Water-side and electrical connections tailored to your requirement
- height 422 or 562 mm
 - length 750, 950, 1250 or 1450 mm
 - 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)

UK
CA

CLIMATE DESIGNERS

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.

BRIZA NET ZERO OPTIONS

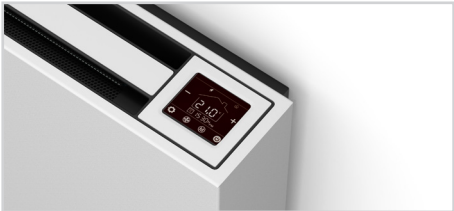
CONTROL PANEL (TPT)



The Room temperature is set on the control panel.

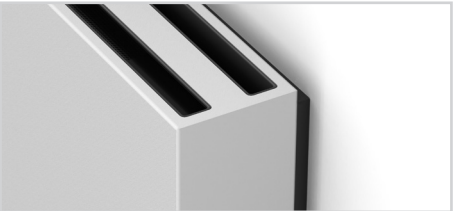
- heating and cooling from 16 to 26°C

INTEGRATED WI-FI THERMOSTAT (BT)



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

JAGA APP (JIC)



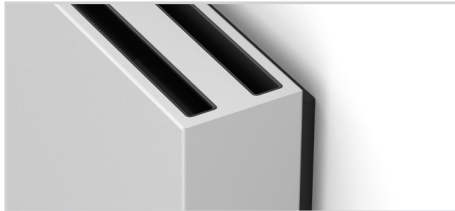
- With the Jaga Home App, end users have full control over their indoor climate.
- With the Jaga Pro App, installation technicians are able to streamline their activities remotely, enhance productivity and offer support to their customers.

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

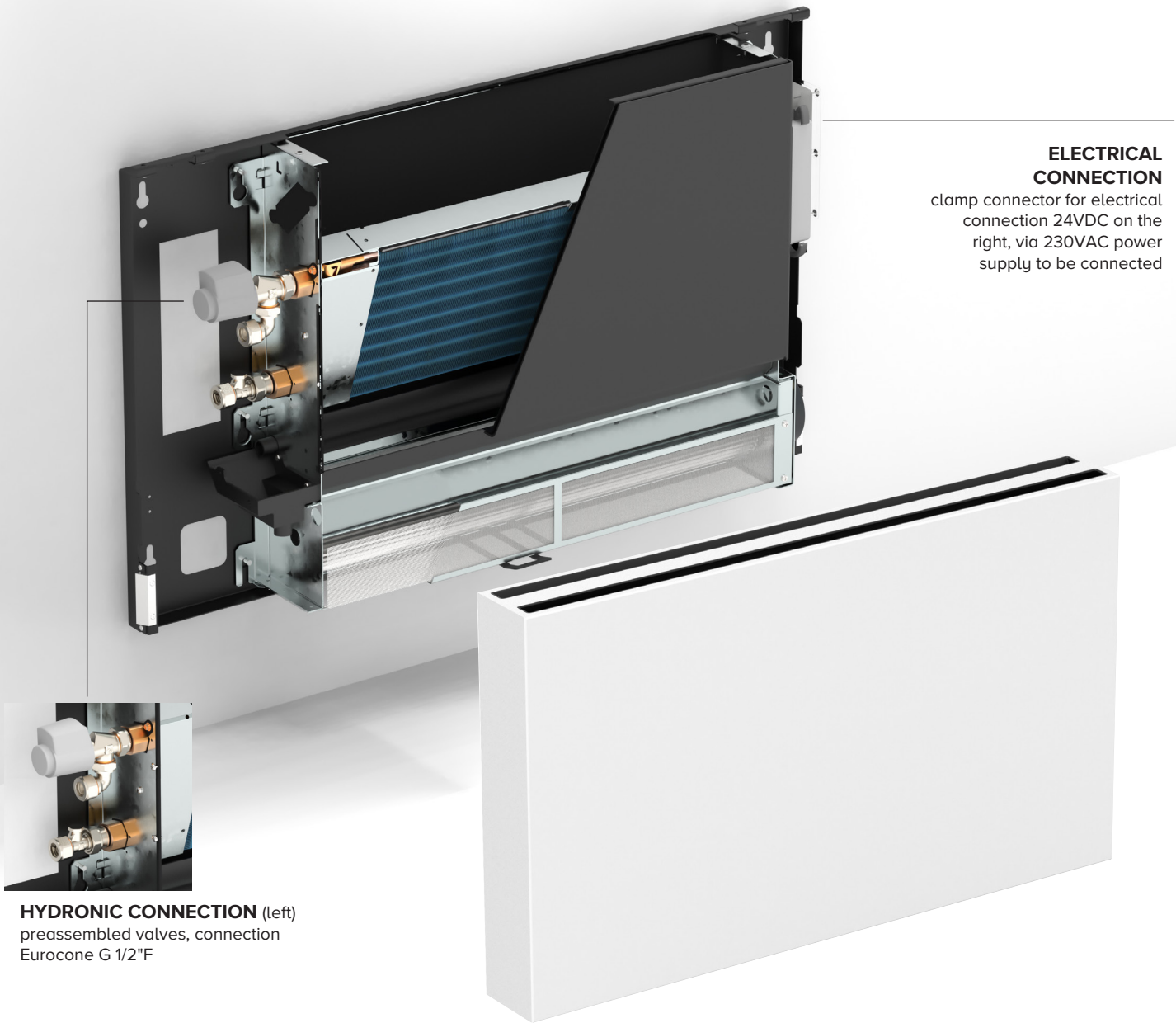
The very first Plug & Play ceiling model.
Control your comfort and optimise your installation with the Jaga App.

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.



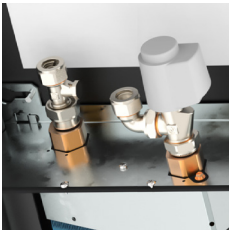
ELECTRICAL CONNECTION
clamp connector for electrical connection 24VDC on the right, via 230VAC power supply to be connected



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



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



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



CONTROL SYSTEMS

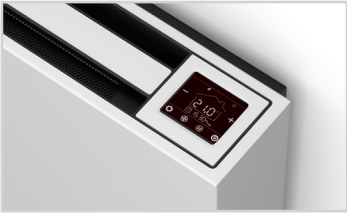
TEMPERATURE REGULATION VIA CONTROL PANEL (TPT)



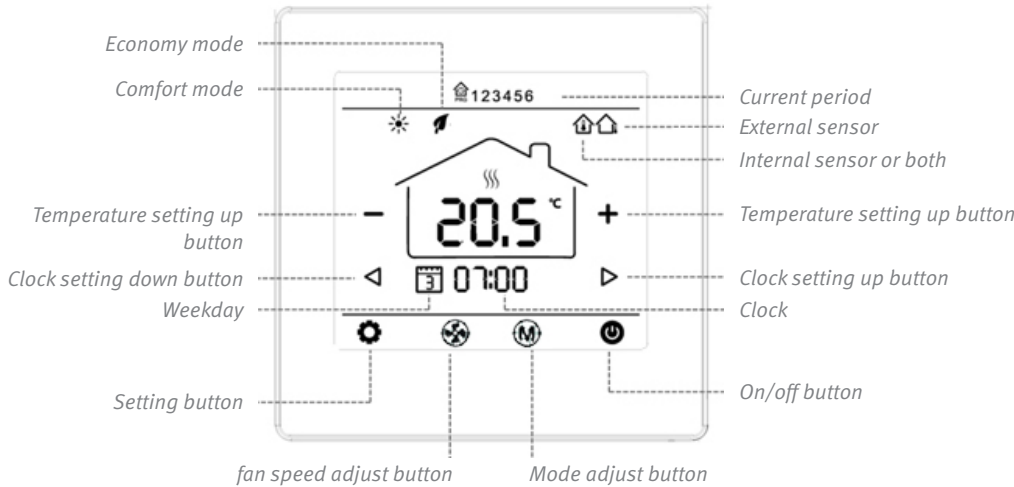
The Room temperature is set on the control panel.

- 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 24VDC verwarmen/koelen
- LCD touch screen



- control via Wi-Fi (smartphone app)

Manual selection of the ideal temperature



Set your weekly program

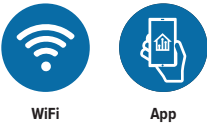
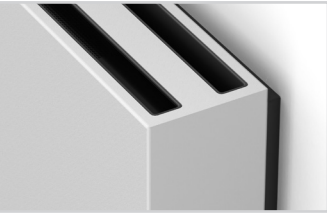


Select the desired temperature

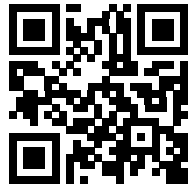


UNDER DEVELOPMENT

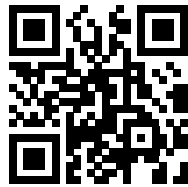
JAGA APP (JIC)



Jaga Home App



Jaga Pro App



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

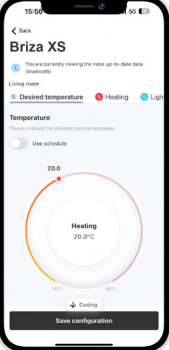
Choose the desired system



Set your weekly program



Select the desired temperature



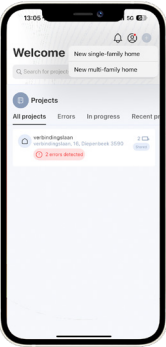
Jaga Pro App (for the installation technician)

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.

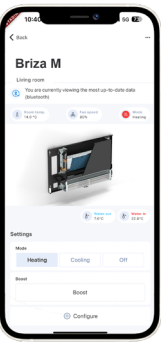
These are the most important features of the Jaga Pro App::

- **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 visit.
- **Access to Documentation:** Direct access to manuals and installation videos for Jaga products.
- **Improved Customer Service:** Deliver outstanding service to your customers by quickly and efficiently solving issues, meanwhile increasing customer satisfaction and reliability.

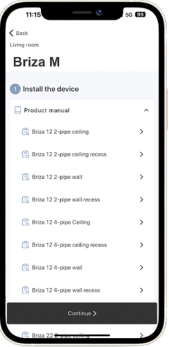
Create & manage project



View unit details, including error reports and control panel

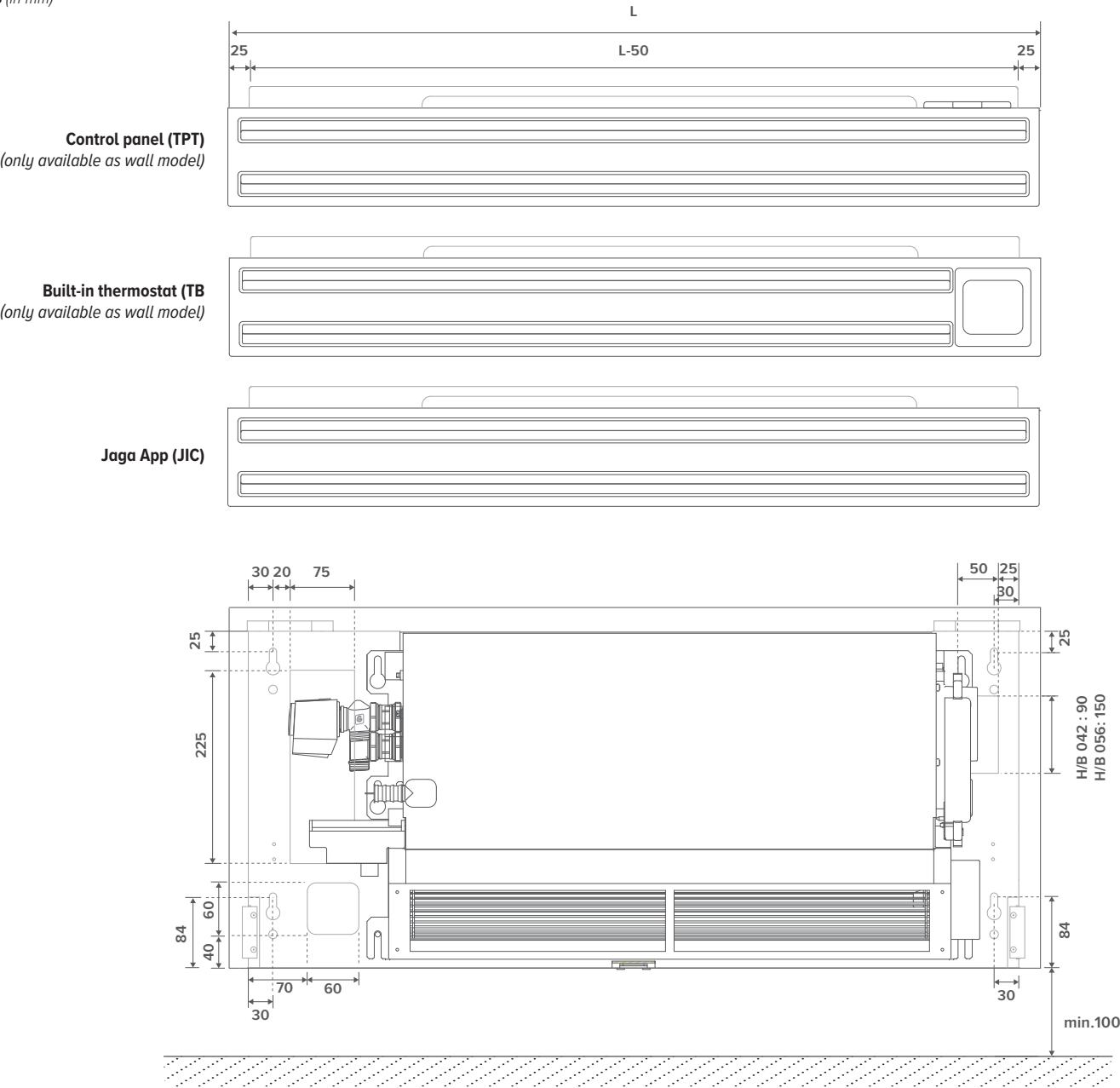


Consult product information

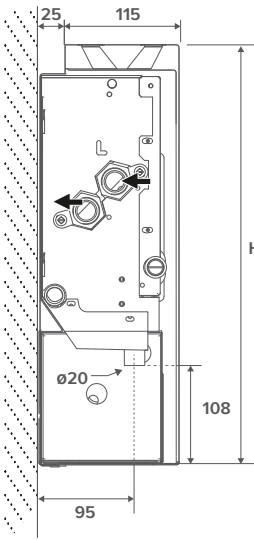


BRIZA M NET ZERO BASE-LINE PLUG & PLAY

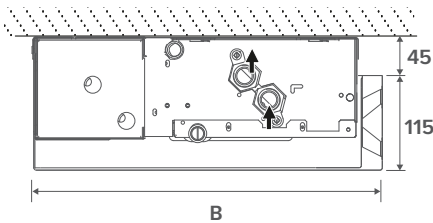
DIMENSIONS (in mm)



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 (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 lacquer
- 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

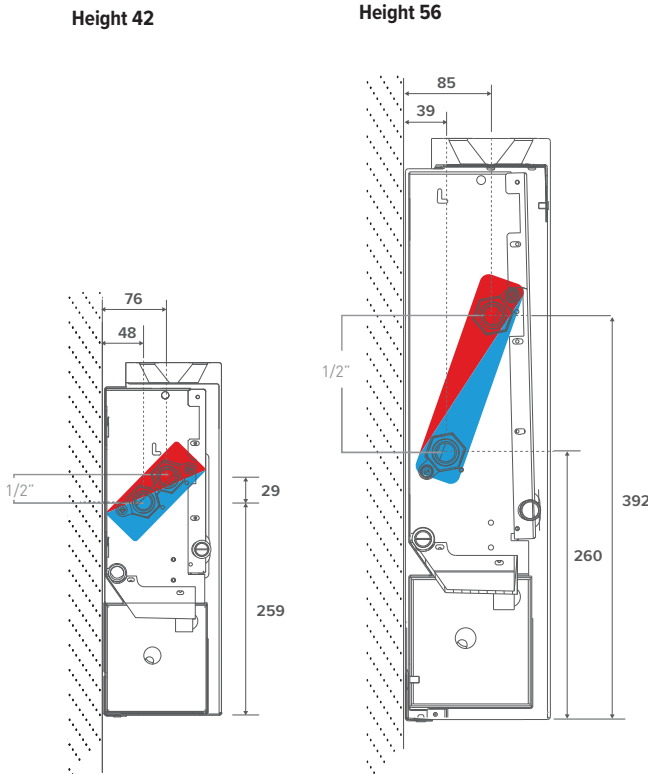
CONNECTION

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

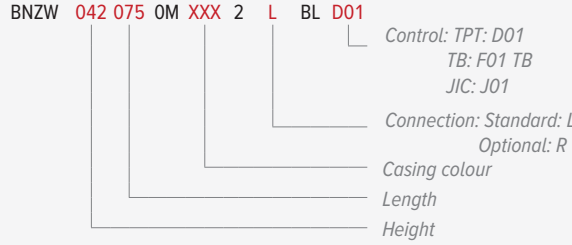
Optional

Hydronic right, electric left. connection code L instead of R. no surcharge.

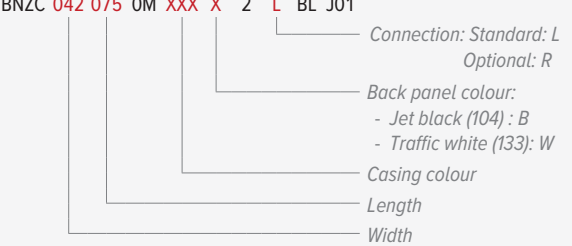
HYDRONIC CONNECTION



ORDER CODE PLUG & PLAY WALL MOUNTED MODEL



ORDER CODE PLUG & PLAY CEILING MOUNTED MODEL

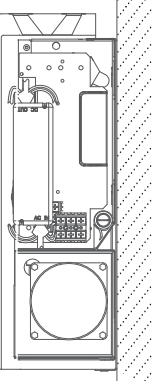


Order sleeve couplings 3/4" Eurocone separate

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		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	ORDER CODE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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BRIZA M NET ZERO **BASE-LINE CONFIGURABLE** 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.

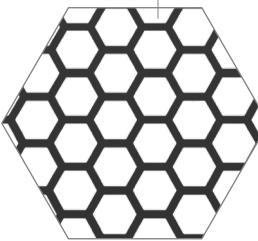
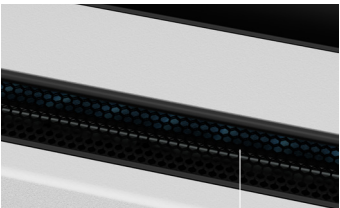
METAL CONDENSATE TRAY
with epoxy-polyester coating (RAL 7024)

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.

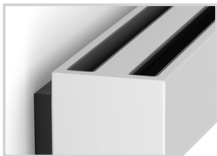
ELECTRICAL CONNECTION
clamp connector for electric connection 24VDC, to connect
via an external power supply, on the right hand side.

HEAT EXCHANGER WITH HYDROPHILIC
coating for optimum cooling performance

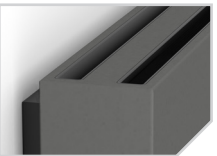
AIR OUTLET VENT in coated
aluminium, supplied with jet black
coated honeycomb grille



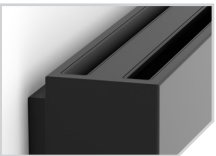
COATED HOUSING in sendzimir galvanised steel plate



Traffic white 133



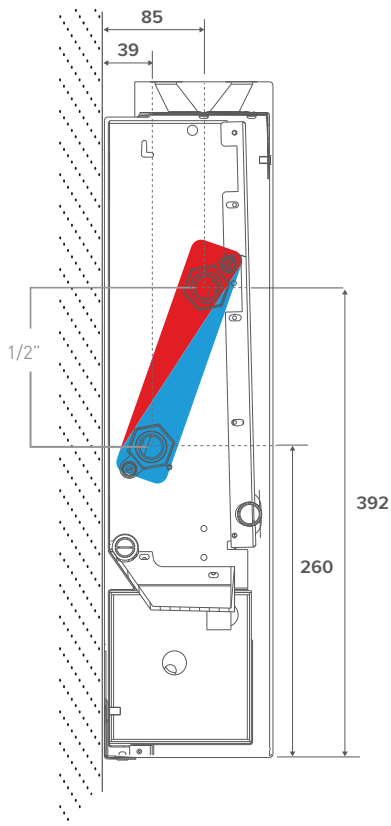
Sandblast grey 001



Off-black 145

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

HYDRONIC CONNECTION

**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

Casing

Other colours

see Jaga colour chart

Back panel

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

Standard colour

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

Standard

- ### Optional

Hydronic right, electric left. connection code **L** instead of **R**.

No surcharge.



Eurocone connection set with thermoelectric motor

fill in sleeve coupling code

Connection set with 2 lockshield valves

fill in sleeve coupling code

Sleeve couplings 3/4" Eurocone

PRECISION METAL TUBE	
CODE	<i>Tube Ø</i>
112	12/1
114	14/1
115	15/1
116	16/1
118	18/1

SYNTHETIC OR RPE/ALU	
CODE	<i>Tube Ø</i>
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"

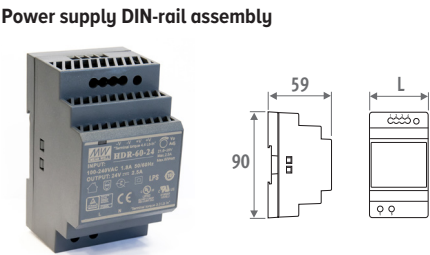


CODE	Length	
7990 068	200 < 260 mm	2 unit

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

WHICH JAGA CONTROL SYSTEM TO CHOOSE

 Jaga power supplies must be used to validate product guarantee



- with waterproof swivel nut connector
- in compliance with UL1310 - EN 60950-1 / Class II
- output voltage 24VDC
- input voltage 100 - 240VAC
- output current 1.67 Amps
- output 40 Watts
- dimensions L 145 x B 45 x H 30 mm

- 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 24VDC
- input voltage 100 - 240VAC
- screw connection
- LED indicator

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

Ex.: BNZW 042 075 0M 133 2 L BL D03 **P**

CODE	L mm	OUTPUT Watts	OUTPUT CURRENT A
7990 054	35	36	1.50
7990 055	53	60	2.50
7990 056	70	92	3.90
7990 057	103	150	6.25

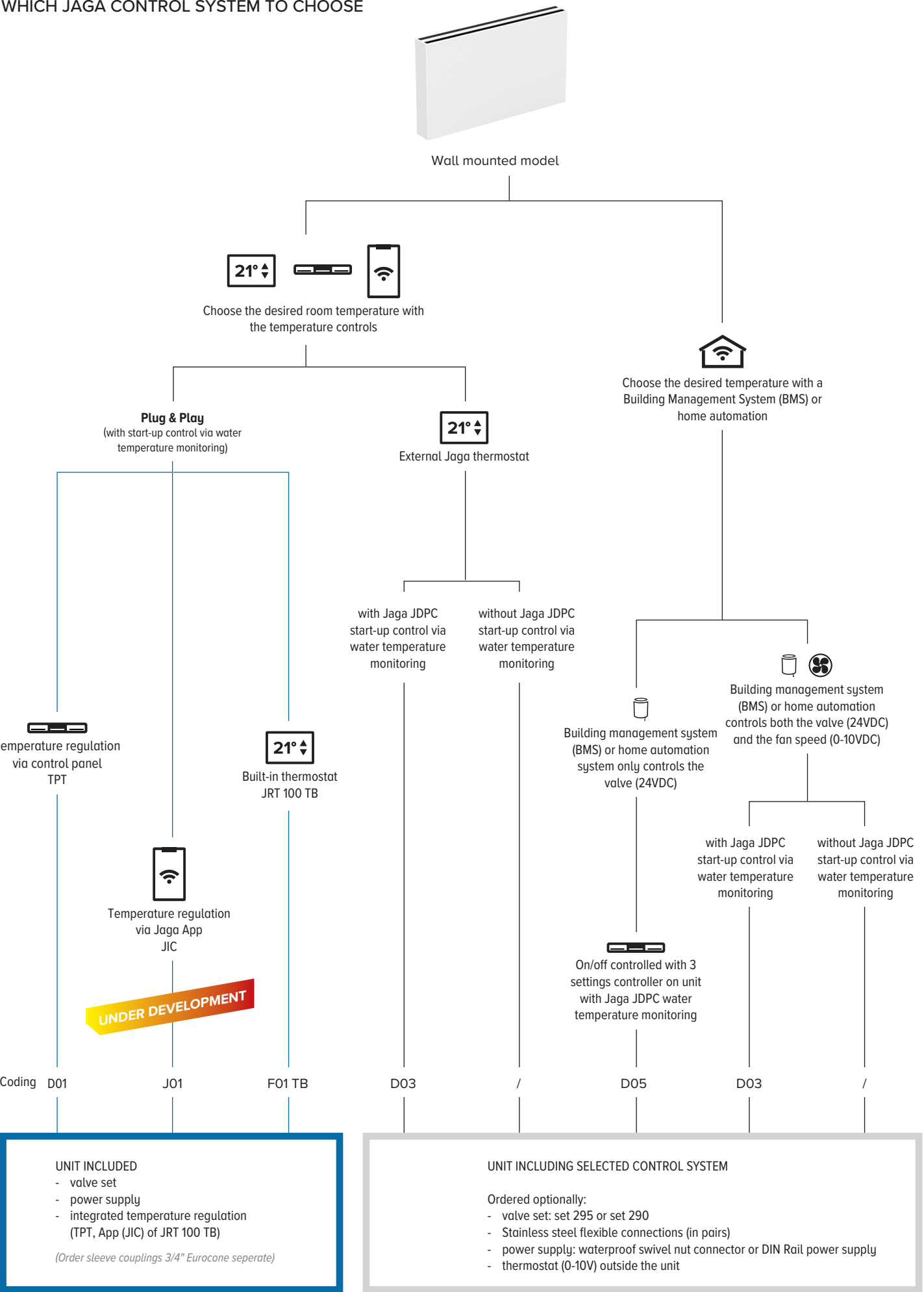
Control panel

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

- 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 0-10VDC signal. The fan will rotate proportionally to the 0-10VDC signal.

- 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 ($<18^{\circ}\text{C}$) or hot ($>28^{\circ}\text{C}$) water, the fan will rotate proportionally to the 0-10V signal.

- 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 CONFIGURABLE** WALL MOUNTED MODEL

				CONTROL VOLTAGE									SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	ORDER CODE			
HEIGHT	LENGTH	TYPE	COOLING (non-condensing) Room temperature 27°C		COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING Room temperature 27°C	HEATING Room temperature 20°C												
H	L	T																	
cm	cm		U	16/18 Watts	7/12 Watts	7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts	75/65 Watts	dB(A)	m³/h	Watts					
BNZW 042 075	M	2	115	284	201	223	406	497	538	903	18.5	64	1.6	BNZW 042 075 OM XXX 2 L BL DDD					
		4	135	328	235	256	465	569	617	1035	29.4	101	2.6						
		6	159	382	276	296	537	657	712	1194	31.3	141	4.3						
		8	185	441	323	346	629	770	834	1399	37.3	178	7.2						
		10	214	503	373	413	751	919	996	1669	42.5	214	13.0						
	095	M	2	191	472	334	382	695	850	921	1545	24.0	108	2.5	BNZW 042 095 OM XXX 2 L BL DDD				
			4	217	529	379	421	764	935	1014	1699	30.0	172	4.3					
			6	252	607	440	445	808	989	1072	1797	36.8	223	7.2					
			8	297	707	518	555	1009	1234	1338	2243	41.5	287	11.5					
			10	352	828	614	680	1236	1513	1640	2749	44.5	346	18.0					
	125	M	2	313	773	547	602	1093	1338	1450	2431	24.6	146	2.6	BNZW 042 125 OM XXX 2 L BL DDD				
			4	347	845	605	672	1222	1495	1620	2717	30.2	221	4.8					
			6	396	953	691	765	1389	1700	1843	3090	37.0	298	8.0					
			8	465	1106	811	895	1626	1991	2157	3617	42.5	381	14.0					
			10	559	1314	974	1081	1963	2403	2604	4367	47.0	448	24.0					
	145	M	2	412	1015	718	742	1348	1650	1788	2999	25.7	173	2.8	BNZW 042 145 OM XXX 2 L BL DDD				
			4	450	1097	785	842	1529	1872	2028	3401	30.5	268	5.5					
			6	505	1215	881	964	1751	2143	2323	3894	37.3	373	10.3					
			8	584	1390	1019	1126	2046	2505	2714	4551	43.0	466	18.5					
			10	698	1640	1216	1347	2448	2996	3247	5444	47.0	510	28.8					
056 075	M	2	170	419	296	346	629	770	835	1400	19.2	81	2.0	BNZW 056 075 OM XXX 2 L BL DDD					
		4	214	521	373	421	765	936	1014	1701	25.2	118	3.2						
		6	256	617	447	495	899	1100	1193	2000	32.2	154	5.5						
		8	296	705	517	568	1032	1263	1369	2295	38.1	193	9.6						
		10	332	781	579	641	1164	1424	1544	2588	42.5	228	16.8						
	095	M	2	295	728	515	557	1012	1238	1342	2250	23.0	116	2.2	BNZW 056 095 OM XXX 2 L BL DDD				
			4	358	872	624	688	1250	1530	1658	2781	27.8	176	3.6					
			6	426	1025	743	819	1488	1821	1973	3309	34.4	238	5.7					
			8	492	1171	859	944	1716	2100	2276	3816	39.9	291	9.6					
			10	550	1294	959	1060	1927	2358	2555	4285	43.5	332	15.6					
	125	M	2	474	1170	827	881	1601	1960	2124	3561	23.1	153	2.8	BNZW 056 125 OM XXX 2 L BL DDD				
			4	569	1387	993	1094	1988	2433	2636	4420	29.1	236	5.4					
			6	676	1628	1179	1307	2374	2906	3149	5280	36.5	321	10.0					
			8	783	1863	1365	1509	2742	3356	3637	6097	42.5	398	18.0					
			10	877	2062	1529	1690	3071	3759	4074	6831	46.5	467	28.8					
	145	M	2	590	1455	1029	1116	2027	2481	2689	4509	25.0	182	2.8	BNZW 056 145 OM XXX 2 L BL DDD				
			4	709	1728	1237	1367	2484	3040	3295	5525	30.8	270	5.5					
			6	843	2030	1471	1630	2962	3625	3929	6588	37.5	360	10.0					
			8	977	2324	1704	1884	3424	4191	4542	7615	42.8	455	18.0					
			10	1095	2575	1910	2110	3834	4692	5085	8526	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 CONFIGURABLE** 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)

HEAT EXCHANGER WITH HYDROPHILIC COATING
for optimum cooling performance

ROBUST INTERIOR MADE
from electro-galvanised steel,
premounted to the back panel

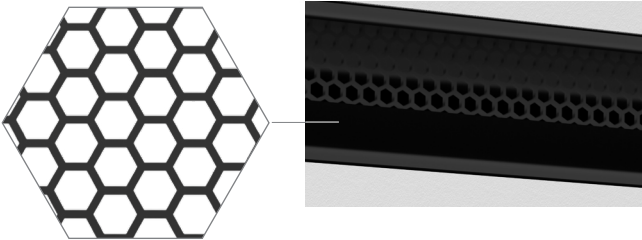
ELECTRICAL CONNECTION
clamp connector for electric connection 24VDC,
to connect via an external power supply,
on the right hand side.

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.

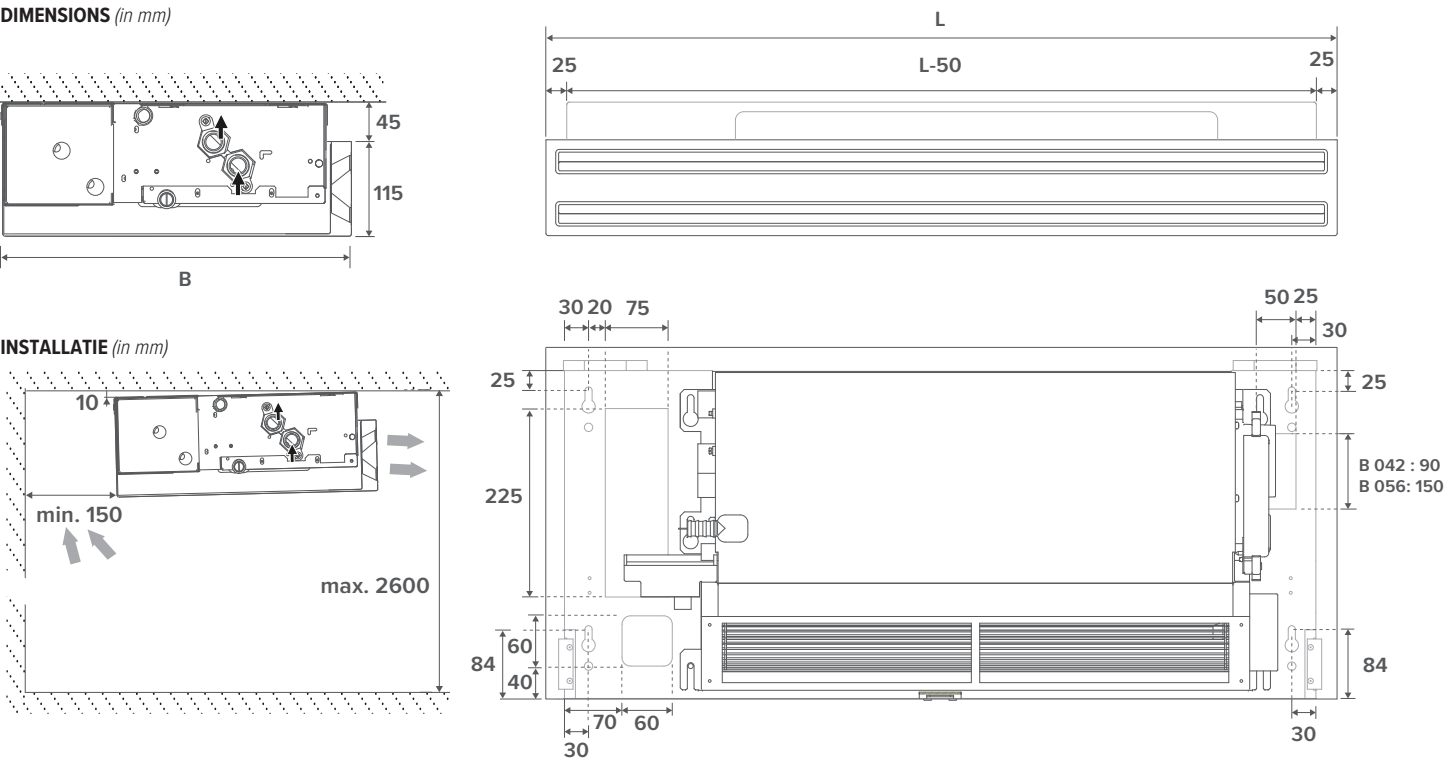
CONDENSATE TRAY
from electrolytic galvanized steel plate
dark grey lacquered in RAL 7024
(supplied with insulation)

COATED HOUSING in sendzimir galvanised steel plate

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



BRIZA M NET ZERO BASE-LINE CONFIGURABLE CEILING MOUNTED MODEL



- 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 (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 lacquer
 - 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 24VDC, 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
- On/off: D07

Connection: Standard: L
Optional: R

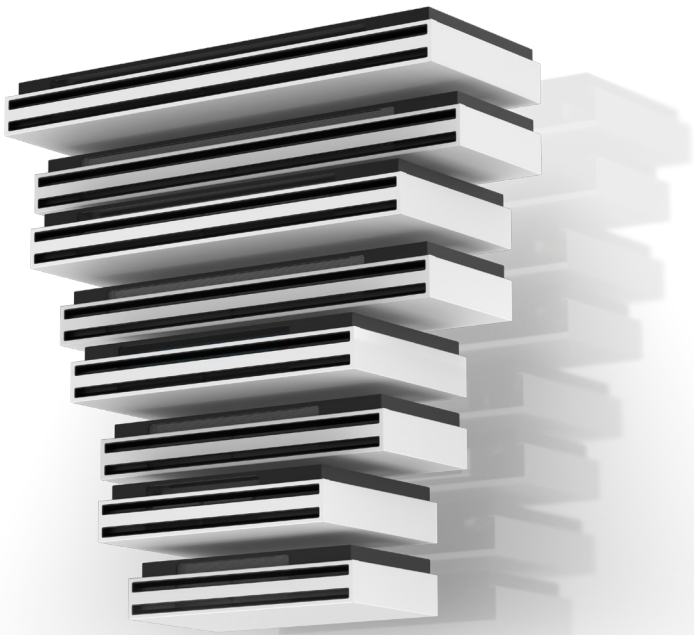
Back panel colour:

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

Casing colour

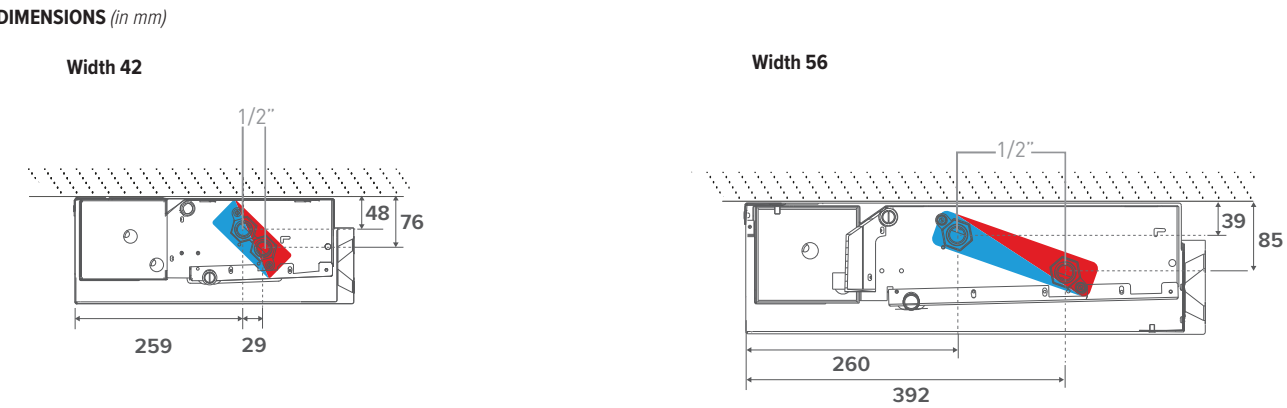
Length

Width



BRIZA M NET ZERO BASE-LINE CONFIGURABLE CEILING MOUNTED MODEL

HYDRONIC CONNECTION



CONNECTION SETS

Eurocone connection set with thermoelectric motor

set 295

KVS 0.8

CODY SC5 24 4... 24VDC

CODY SC5 10 4... 0-10VDC

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

BRIZA M NET ZERO BASE-LINE CONFIGURABLE CEILING MOUNTED MODEL

ELECTRICAL CONNECTION

POWER SUPPLIES

 Jaga power supplies must be used to validate product guarantee

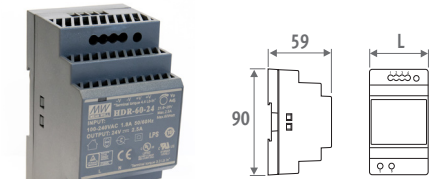
Waterproof power supply 24VDC with waterproof cable gland



- with waterproof swivel nut connector
- in compliance with UL1310 - EN 60950-1 / Class II
- output voltage 24VDC
- input voltage 100 - 240VAC
- output current 1.67 Amps
- output 40 Watts
- dimensions L 145 x B 45 x H 30 mm

CODE
37603 010002
P (add "P" to the order code)
Ex.: BNZC 042 075 0M 133 2 L BL D03 P

Power supply DIN-rail assembly

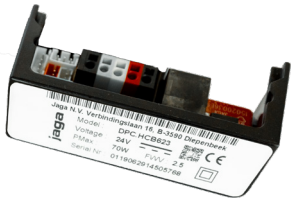


- for DIN-rail or wall mounting in a electrical switchboard
- in compliance with UL60950 / UL508 / EN 60950-1 / TUV EN61558-2-16 / Class II
- output voltage 24VDC
- input voltage 100 - 240VAC
- screw connection
- LED indicator

CODE	L mm	OUTPUT Watts	OUTPUT CURRENT A
7990 054	35	36	1.50
7990 055	53	60	2.50
7990 056	70	92	3.90
7990 057	103	150	6.25

JDPC CONTROLS (OPTIONAL)

JDPC (JAGA DYNAMIC PRODUCT CONTROLLER)



TYPE	POSITION	CONTROL PANEL	EXTERNAL 0-10V CONTROL	2-PIPE	4-PIPE	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control (D03)	  	-	✓	✓	-	✓	-
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 0-10VDC signal. The fan will rotate proportionally to the 0-10VDC signal.

JAGA BMS 0-10V CONTROL

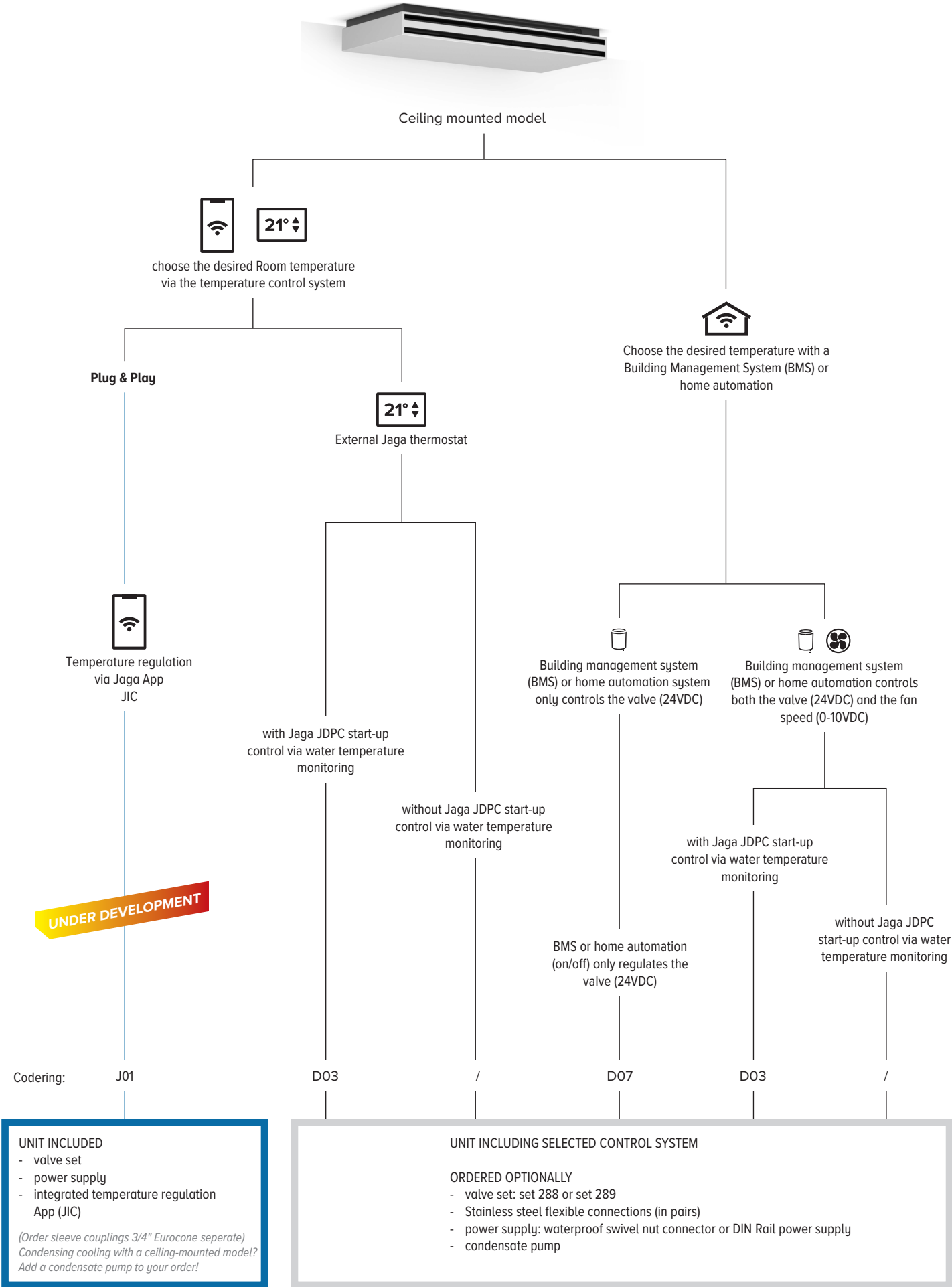
- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will will open the thermoelectric valve.
- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will send a 0-10V signal.
- When detecting cold (<18°C) or hot (>28°C) water, the fan will rotate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

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 CONFIGURABLE CEILING MOUNTED MODEL

WHICH JAGA CONTROL SYSTEM TO CHOOSE



BRIZA M NET ZERO BASE-LINE CONFIGURABLE CEILING MOUNTED MODEL

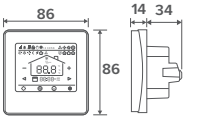
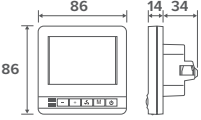
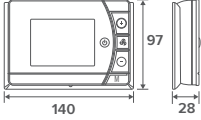
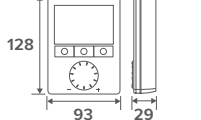
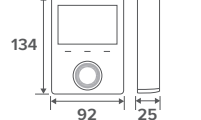
				CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C		COOLING TOTAL Room temperature 27°C		PERCEPTIBLE COOLING Room temperature 27°C		HEATING Room temperature 20°C					SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	ORDER CODE				
WIDTH	LENGTH	TYPE	U		16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65											
B	L	T	V		Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m³/h								
BNZC 042 075 M	042	075	M	2	115	284	201	223	406	497	538	903	18.5	64	1.6	BNZC 042 075 OM XXX X 2 L BL DDD							
				4	135	328	235	256	465	569	617	1035	29.4	101	2.6								
				6	159	382	276	296	537	657	712	1194	31.3	141	4.3								
				8	185	441	323	346	629	770	834	1399	37.3	178	7.2								
				10	214	503	373	413	751	919	996	1669	42.5	214	13.0								
	095	M	2	191	472	334	382	695	850	921	1545	24.0	108	2.5	BNZC 042 095 OM XXX X 2 L BL DDD								
			4	217	529	379	421	764	935	1014	1699	30.0	172	4.3									
			6	252	607	440	445	808	989	1072	1797	36.8	223	7.2									
			8	297	707	518	555	1009	1234	1338	2243	41.5	287	11.5									
			10	352	828	614	680	1236	1513	1640	2749	44.5	346	18.0									
	125	M	2	313	773	547	602	1093	1338	1450	2431	24.6	146	2.6	BNZC 042 125 OM XXX X 2 L BL DDD								
			4	347	845	605	672	1222	1495	1620	2717	30.2	221	4.8									
			6	396	953	691	765	1389	1700	1843	3090	37.0	298	8.0									
			8	465	1106	811	895	1626	1991	2157	3617	42.5	381	14.0									
			10	559	1314	974	1081	1963	2403	2604	4367	47.0	448	24.0									
	145	M	2	412	1015	718	742	1348	1650	1788	2999	25.7	173	2.8	BNZC 042 145 OM XXX X 2 L BL DDD								
			4	450	1097	785	842	1529	1872	2028	3401	30.5	268	5.5									
			6	505	1215	881	964	1751	2143	2323	3894	37.3	373	10.3									
			8	584	1390	1019	1126	2046	2505	2714	4551	43.0	466	18.5									
			10	698	1640	1216	1347	2448	2996	3247	5444	47.0	510	28.8									
056 075 M	056	075	M	2	170	419	296	346	629	770	835	1400	19.2	81	2.0	BNZC 056 075 OM XXX X 2 L BL DDD							
				4	214	521	373	421	765	936	1014	1701	25.2	118	3.2								
				6	256	617	447	495	899	1100	1193	2000	32.2	154	5.5								
				8	296	705	517	568	1032	1263	1369	2295	38.1	193	9.6								
				10	332	781	579	641	1164	1424	1544	2588	42.5	228	16.8								
	095	M	2	295	728	515	557	1012	1238	1342	2250	23.0	116	2.2	BNZC 056 095 OM XXX X 2 L BL DDD								
			4	358	872	624	688	1250	1530	1658	2781	27.8	176	3.6									
			6	426	1025	743	819	1488	1821	1973	3309	34.4	238	5.7									
			8	492	1171	859	944	1716	2100	2276	3816	39.9	291	9.6									
			10	550	1294	959	1060	1927	2358	2555	4285	43.5	332	15.6									
	125	M	2	474	1170	827	881	1601	1960	2124	3561	23.1	153	2.8	BNZC 056 125 OM XXX X 2 L BL DDD								
			4	569	1387	993	1094	1988	2433	2636	4420	29.1	236	5.4									
			6	676	1628	1179	1307	2374	2906	3149	5280	36.5	321	10.0									
			8	783	1863	1365	1509	2742	3356	3637	6097	42.5	398	18.0									
			10	877	2062	1529	1690	3071	3759	4074	6831	46.5	467	28.8									
	145	M	2	590	1455	1029	1116	2027	2481	2689	4509	25.0	182	2.8	BNZC 056 145 OM XXX X 2 L BL DDD								
			4	709	1728	1237	1367	2484	3040	3295	5525	30.8	270	5.5									
			6	843	2030	1471	1630	2962	3625	3929	6588	37.5	360	10.0									
			8	977	2324	1704	1884	3424	4191	4542	7615	42.8	455	18.0									
			10	1095	2575	1910	2110	3834	4692	5085	8526	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
On/off: D07

BRIZA M NET ZERO BASE-LINE

EXTERNAL JAGA THERMOSTAT

	JRT-100 TB BLACK	JRT-100 TW WHITE	JRT-100	JRT-200	RDG 160T	RDG264KN
						
	8751 050017	8751 050019	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

BRIZA M NET ZERO BASE-LINE

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

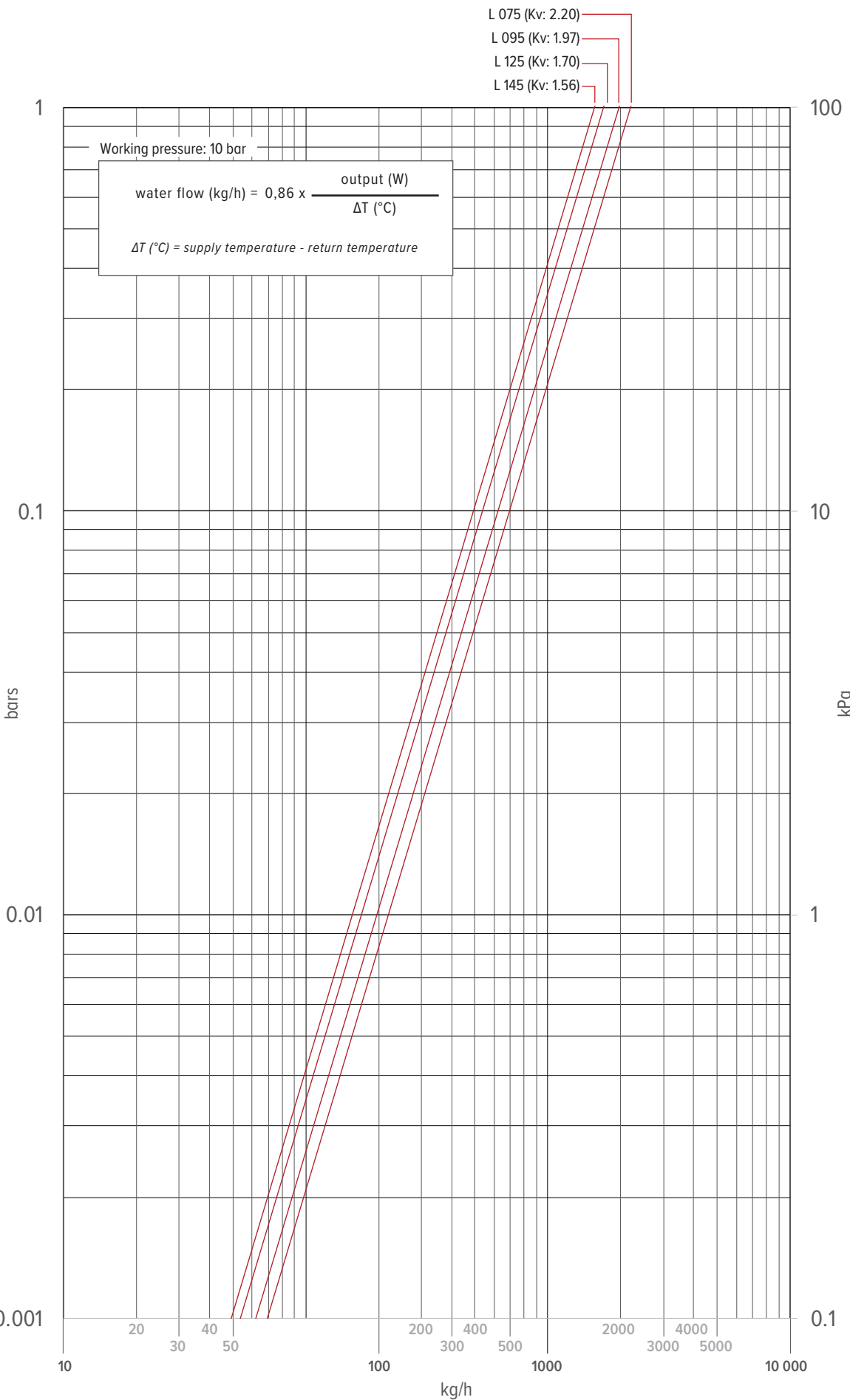
	TR	65	60	55	50	45	40	35	30	25
TA										
75		1.00	0.95	0.89	0.83	0.76	0.69	0.62	0.53	0.42
70		0.95	0.90	0.84	0.79	0.72	0.66	0.58	0.50	0.39
65			0.85	0.80	0.74	0.68	0.62	0.55	0.47	0.37
60				0.75	0.70	0.64	0.58	0.51	0.43	0.34
55					0.65	0.60	0.54	0.47	0.40	0.31
50						0.55	0.49	0.43	0.37	0.28
45	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

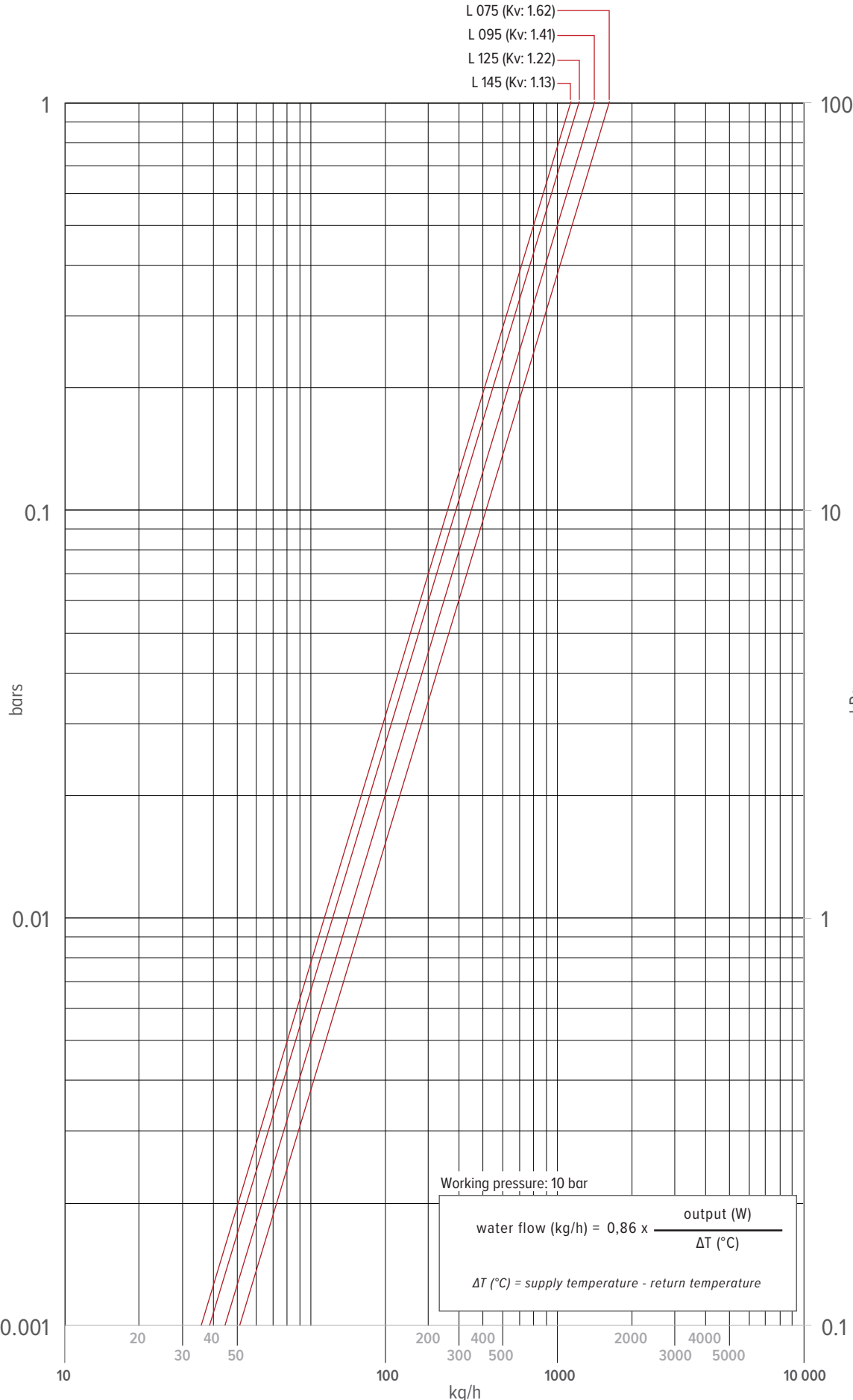
room temperature: 24°C Average N-value: 1.00

	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

PRESSURE DROP BRIZA H042





Standard colours

133 - 233 - 333 RAL 9016 Traffic white
145 Off-black RAL 7021
001 Sandblast grey

Subtle & discreet

101 - 201 - 301 RAL 9010 Pure white
102 - 202 - 302 RAL 9001 Off-white
103 - 203 - 303 RAL 7035 Light grey
146 - 246 - 346 RAL 7000 Squirrel grey
109 - 209 - 309 RAL 7011 Iron grey
131 - 231 - 331 RAL 7016 Anthracite grey
104 - 204 - 304 RAL 9005 Jet black

Colours of nature

157 NCS S 2005-Y20R Sandstone
158 RDS 050 70 30 Siena ocher
159 RDS 060 60 60 Honey yellow
160 Chocolate
154 NCS S 1002-Y50R Soft grey-pink
155 RDS 350 85 10 Millennium pink
111 RAL 3000 Flaming red
156 RAL 3004 Purple red
150 NCS S 1010-R80B Soft grey-blue
151 RAL 5014 Pigeon blue
152 RAL 5010 Gentian blue
153 NCS S 8010-R90B Midnight blue
147 Soft green-beige
148 RAL 6021 Pale green
149 RAL 6001 Emerald green
113 RAL 6009 English green

Precious metals

054 RAL 9006 White aluminium coloured
055 Corten steel look
057 Titanium look
058 Rose gold look
059 Gold look
060 Copper look
061 Gunmetal grey look
062 Stainless steel look
063 Silver look
064 Transparent varnish glossy
065 Transparent varnish matte

! This colour chart is only indicative. It's impossible to obtain a 100% exact colour reproduction in printing. A colour chart can be obtained on request. The rendering of "055 Corten steel look" gives an impression of the end result. Due to the uniqueness of the surface, the lacquer, and the applied techniques, each device will be unique.



jaga

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