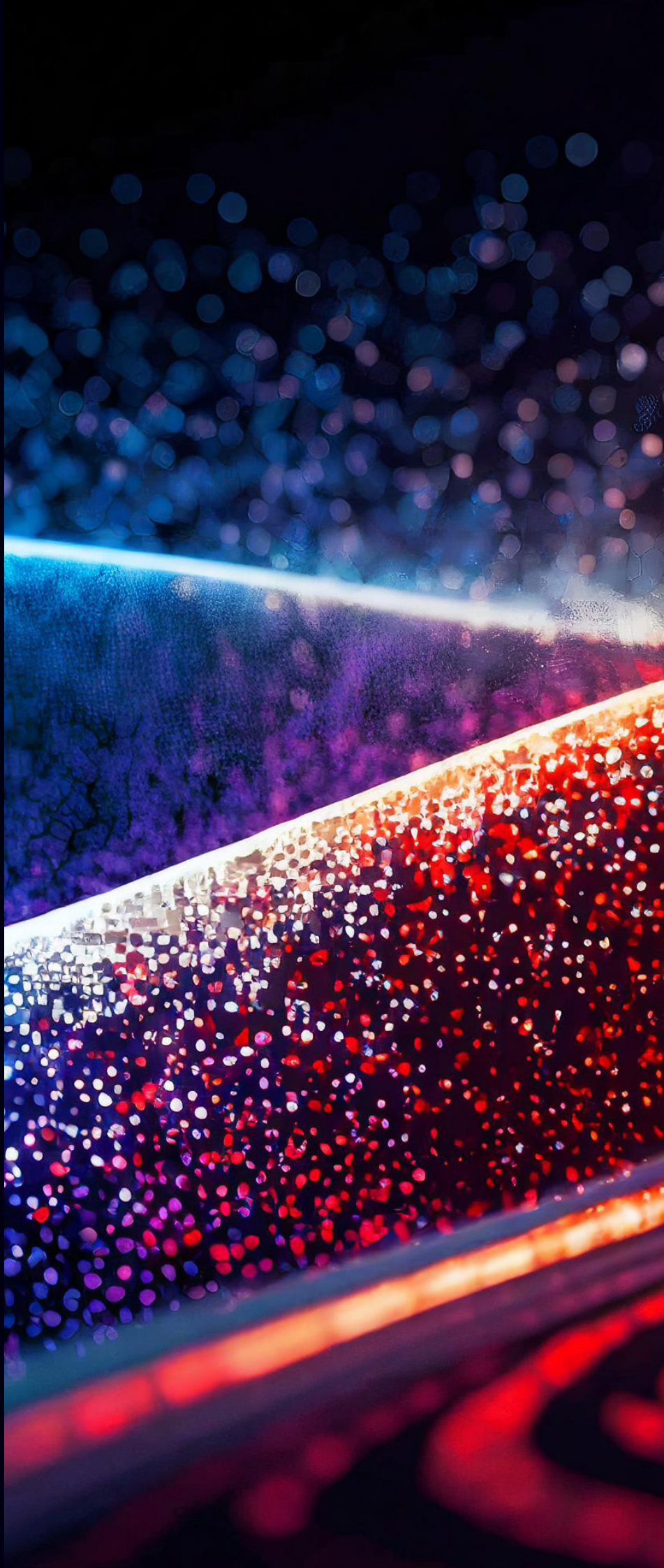
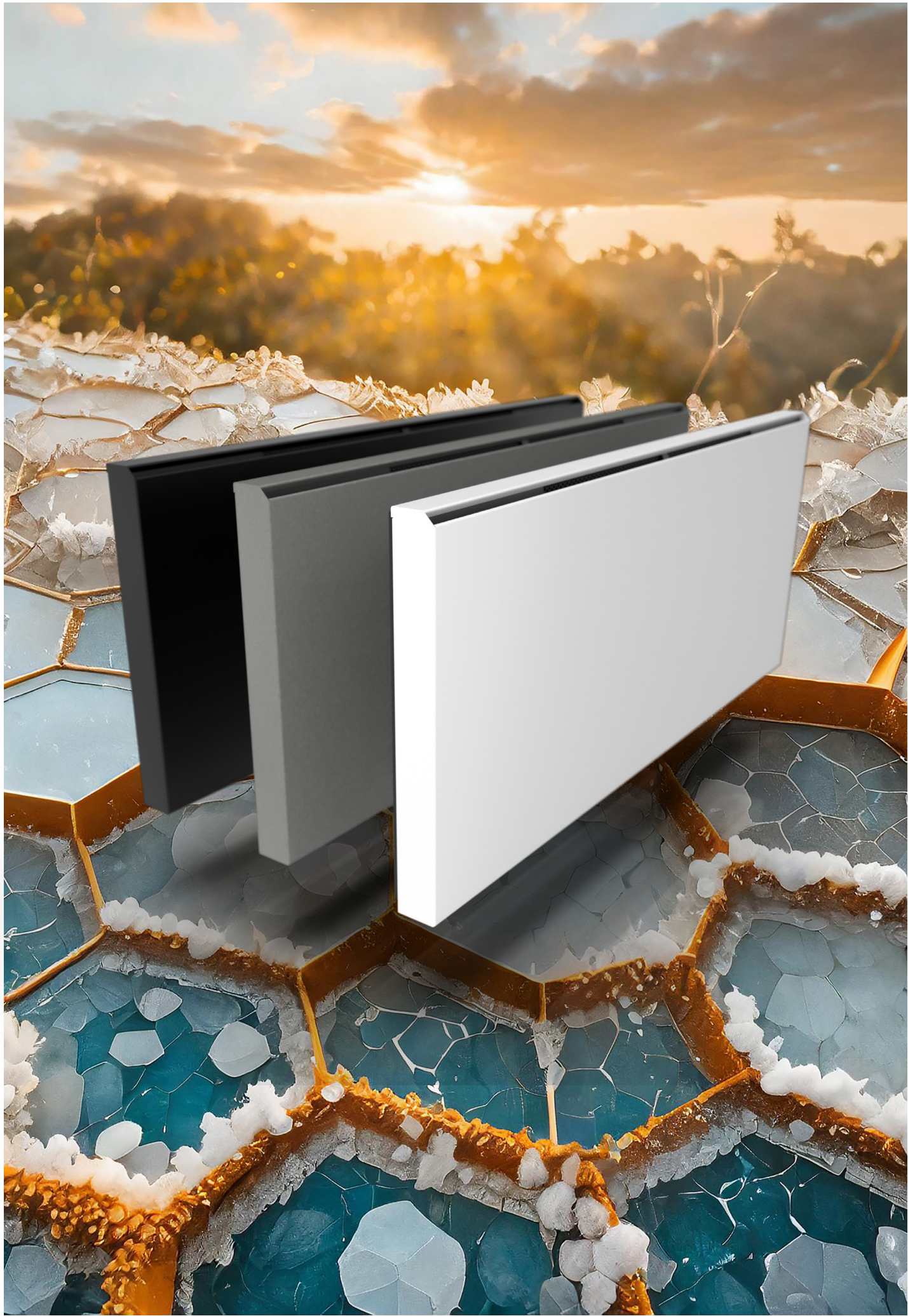




Briza **XS** Net Zero BASE-Line

Aesthetics and
sustainability in a
discrete package





2- Briza XS Net Zero BASE-Line

jaga

WALL MOUNTED MODEL



PLUG & PLAY TPT

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

- height 521 mm
- length 857, 1217, 1627 or 1987 mm
- 16/18/27°C: from 137 to 566 Watts (10V)
- 7/12/27°C: from 326 to 1348 Watts (10V)
- 35/30/20°C: from 201 to 831 Watts (10V)



PLUG & PLAY JIC

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

- height 521 mm
- length 857, 1217, 1627 or 1987 mm
- 16/18/27°C: from 137 to 566 Watts (10V)
- 7/12/27°C: from 326 to 1348 Watts (10V)
- 35/30/20°C: from 201 to 831 Watts (10V)

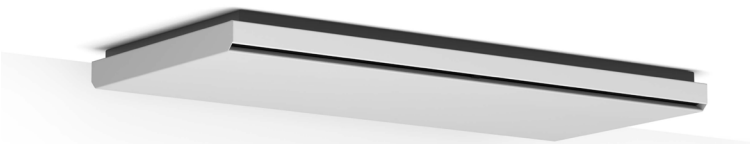


CONFIGURABLE UNIT

Water-side and electrical connections tailored to your requirement

- height 521 mm
- length 857, 1217, 1627 or 1987 mm
- 16/18/27°C: from 137 to 566 Watts (10V)
- 7/12/27°C: from 326 to 1348 Watts (10V)
- 35/30/20°C: from 201 to 831 Watts (10V)

CEILING MOUNTED MODEL



PLUG & PLAY JIC

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

- width 534 mm
- length 857, 1217, 1627 or 1987 mm
- 16/18/27°C: from 137 to 566 Watts (10V)
- 7/12/27°C: from 326 to 1348 Watts (10V)
- 35/30/20°C: from 201 to 831 Watts (10V)



CONFIGURABLE UNIT

Water-side and electrical connections tailored to your requirement

- width 534 mm
- length 857, 1217, 1627 or 1987 mm
- 16/18/27°C: from 137 to 566 Watts (10V)
- 7/12/27°C: from 326 to 1348 Watts (10V)
- 35/30/20°C: from 201 to 831 Watts (10V)

BRIZA **XS** NET ZERO **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)



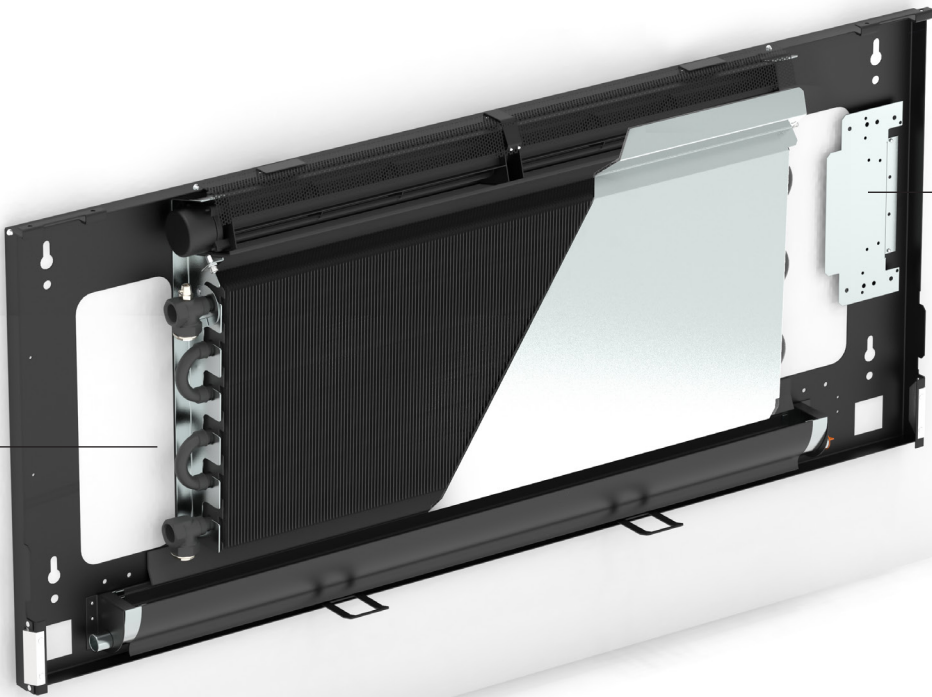
The room temperature is set on the control panel.

- Heating from 16 to 26°C
- Cooling from 16 to 26°C

JAGA APP (JIC)

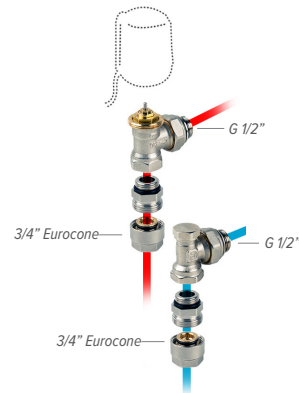


- With the Jaga Home App, end users have full control over their indoor climate.
- With the Jaga Pro App, installation technicians are able to streamline their activities remotely, enhance productivity and offer support to their customers.



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
Eurocone connection set with thermoelectric motor



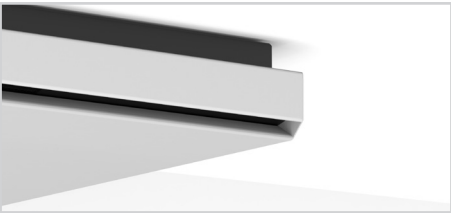
set 289 KVS 0.8 - default setting in 6 steps

BRIZA **XS** NET ZERO **PLUG & PLAY** CEILING MOUNTED MODEL

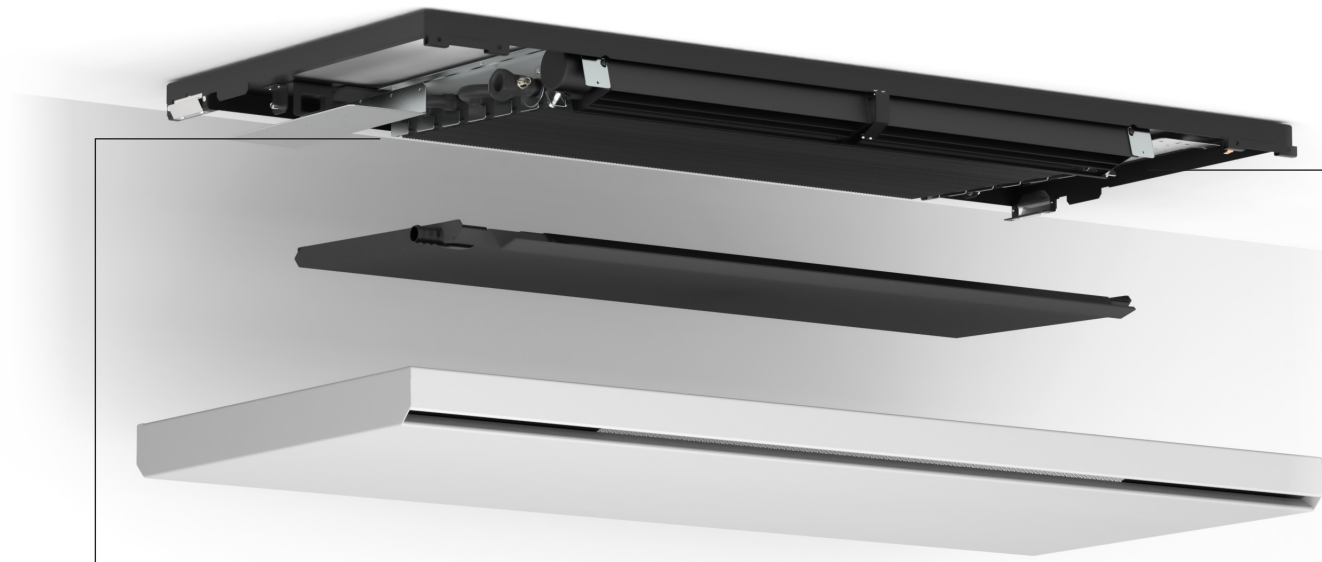
The very first Plug & Play ceiling model.
Control your comfort and optimise your installation with the Jaga App.

DIFFERENT TEMPERATURE SETTINGS

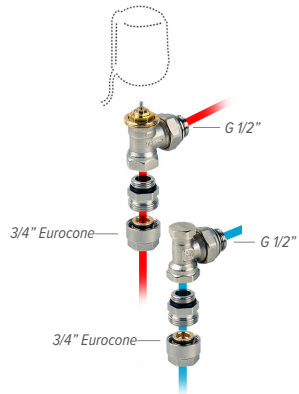
JAGA APP (JIC)



- 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
Eurocone connection set with thermoelectric motor



set 289 KVS 0.8 - default setting in 6 steps

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



CONTROL SYSTEMS

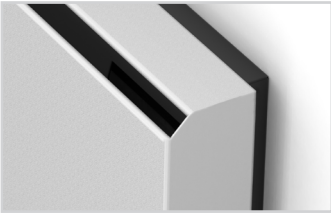
TEMPERATURE REGULATION VIA CONTROL PANEL (TPT)



The room temperature is set on the control panel.

- Heating from 16 to 26°C
- Cooling from 16 to 26°C

JAGA APP (JIC)

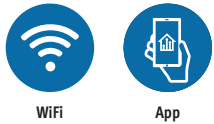


Jaga Home App (for the end-user)

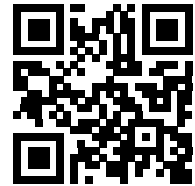
The Jaga Home App is a user-friendly platform specifically developed for end users, offering them effortless control over their heating and cooling systems with a few touches on their smartphones or tablets. Whether it's to adjust the temperature, to create the perfect atmosphere or for setting the air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

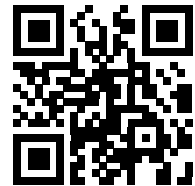
- Remote control: Control your heating or cooling system from any remote location, for unprecedented flexibility and user convenience.
- Adjustable settings: Adjust the settings to your liking, creating a home environment just the way you like it.
- Insight into energy efficiency: Gain valuable insights 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.



Jaga Home App



Jaga Pro App



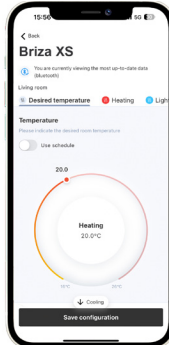
Choose the desired system



Set your weekly program



Select the desired temperature



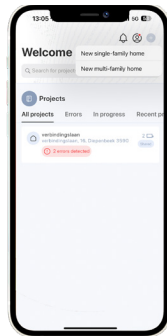
Jaga Pro App (for the installer)

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.

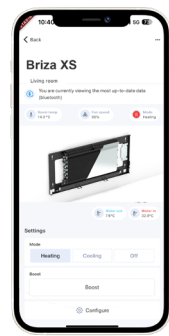
These are the most important features of the Jaga Pro App::

- 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.

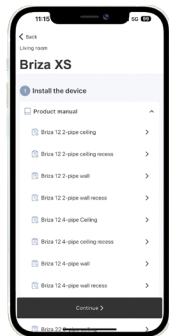
Create & manage projects



View unit details, including error reports and control panel

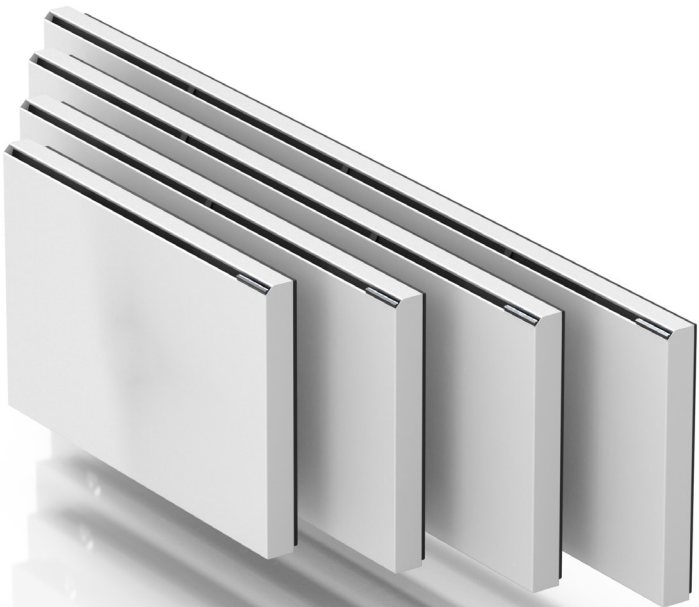


Consult product information

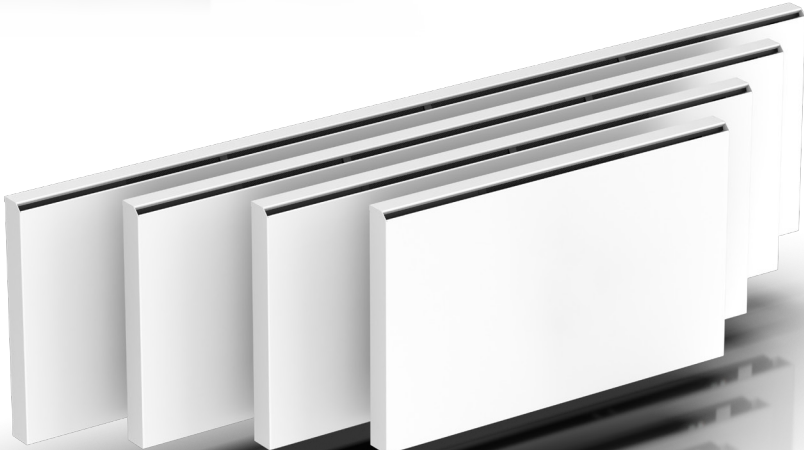


UNDER DEVELOPMENT

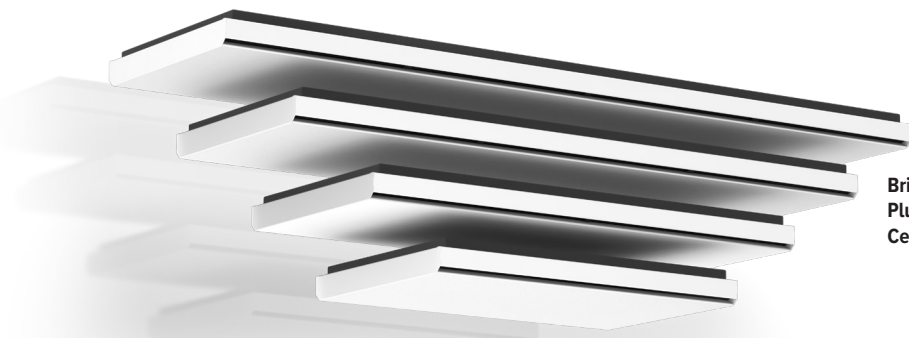
RANGE



Briza XS Net Zero Base-Line Plug & Play TPT Wall mounted model



Briza XS Net Zero Base-Line Plug & Play JIC Wall mounted model



Briza XS Net Zero Base-Line Plug & Play JIC Ceiling mounted model



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

				CONTROL VOLTAGE	COOLING <small>(non-condensing) room temperature 27°C</small>		COOLING TOTAL <small>room temperature 27°C</small>		PERCEPTIBLE COOLING <small>room temperature 27°C</small>		HEATING <small>room temperature 20°C</small>				SOUND PRESSURE LEVEL	AIR FLOW	ENERGY CONSUMPTION	ORDER CODE			
HEIGHT		LENGTH	TYPE		U	16/18	7/12	7/12	35/30	45/40	50/45	55/45									
cm		cm	T		V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m³/h							
BNZW	052	086	XS	2	18	44	31	45	82	100	109	<20	25	0.5	BNZW 052 086 XS XXX L BL DDD						
				4	58	142	102	84	152	186	202	<20	34	0.8							
				6	92	221	160	122	223	272	295	22.5	47	1.3							
				8	119	282	207	161	293	359	389	29.0	61	2.1							
				10	139	326	242	201	365	446	484	35.5	77	3.0							
	122	XS	2	36	89	63	90	164	200	217	<20	26	0.6	BNZW 052 122 XS XXX L BL DDD							
			4	117	285	204	167	304	372	403	<20	56	1.3								
			6	184	443	321	245	445	545	590	28.0	86	2.7								
			8	237	565	414	323	587	718	778	32.5	116	4.6								
			10	277	651	483	401	729	893	967	40.0	145	7.1								
	163	XS	2	56	139	99	141	257	314	341	<20	39	1.1	BNZW 052 163 XS XXX L BL DDD							
			4	183	447	320	263	477	584	633	<20	65	2.1								
			6	289	695	504	384	699	855	927	27.5	111	4.0								
			8	373	886	650	507	921	1127	1222	34.5	148	6.6								
			10	435	1022	758	630	1145	1401	1518	42.5	188	10.1								
	199	XS	2	74	184	130	186	339	415	449	<20	43	1.2	BNZW 052 199 XS XXX L BL DDD							
			4	242	589	422	346	629	770	835	20.5	71	2.5								
			6	381	917	664	507	921	1127	1222	28.0	131	5.4								
			8	491	1168	857	668	1215	1486	1611	36.5	182	9.1								
			10	573	1348	1000	831	1509	1847	2002	42.0	206	14.1								

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: Standard: L
Optional: R
Control: TPT: D01
JIC: J01

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

				CONTROL VOLTAGE U V	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 dB(A)	AIR FLOW m³/h	ENERGY CONSUMPTION Watts	ORDER CODE
	WIDTH B cm	LENGTH L cm	TYPE T		16/18 Watts	7/12 Watts	7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts							
BNZC	053	086	XS	2	18	44	31	45	82	100	109	<20	25	0.5	BNZC 053 086 XS XXX X L BL J01			
				4	58	142	102	84	152	186	202	<20	34	0.8				
				6	92	221	160	122	223	272	295	22.5	47	1.3				
				8	119	282	207	161	293	359	389	29.0	61	2.1				
				10	139	326	242	201	365	446	484	35.5	77	3.0				
	122	XS	2	36	89	63	90	164	200	217	<20	26	0.6	BNZC 053 122 XS XXX X L BL J01				
			4	117	285	204	167	304	372	403	<20	56	1.3					
			6	184	443	321	245	445	545	590	28.0	86	2.7					
			8	237	565	414	323	587	718	778	32.5	116	4.6					
			10	277	651	483	401	729	893	967	40.0	145	7.1					
	163	XS	2	56	139	99	141	257	314	341	<20	39	1.1	BNZC 053 163 XS XXX X L BL J01				
			4	183	447	320	263	477	584	633	<20	65	2.1					
			6	289	695	504	384	699	855	927	27.5	111	4.0					
			8	373	886	650	507	921	1127	1222	34.5	148	6.6					
			10	435	1022	758	630	1145	1401	1518	42.5	188	10.1					
	199	XS	2	74	184	130	186	339	415	449	<20	43	1.2	BNZC 053 199 XS XXX X L BL J01				
			4	242	589	422	346	629	770	835	20.5	71	2.5					
			6	381	917	664	507	921	1127	1222	28.0	131	5.4					
			8	491	1168	857	668	1215	1486	1611	36.5	182	9.1					
			10	573	1348	1000	831	1509	1847	2002	42.0	206	14.1					

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: Standard: L
Optional: R



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

THERMAL ACTIVATOR(S) (tangential mini activator)
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

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

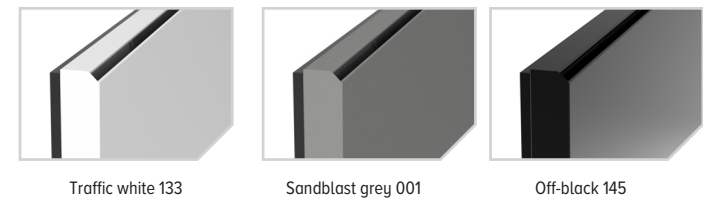
LOW-H₂O HEAT EXCHANGER
the Low-H₂O heat exchanger is the hyper-reactive, aluminium and copper motor of the ecological Jaga products



HYDRONIC CONNECTIONS on the left

CONDENSATE TRAY with outlet spigot ø 20 mm

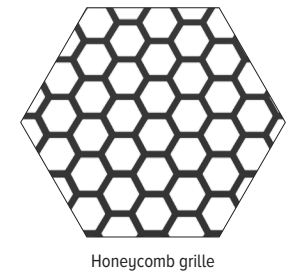
COATED HOUSING in sendzimir galvanised steel plate



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

BACK PANEL (jet black 104)
for simple installation, the panel is supplied with recesses for water-side and electrical connection.

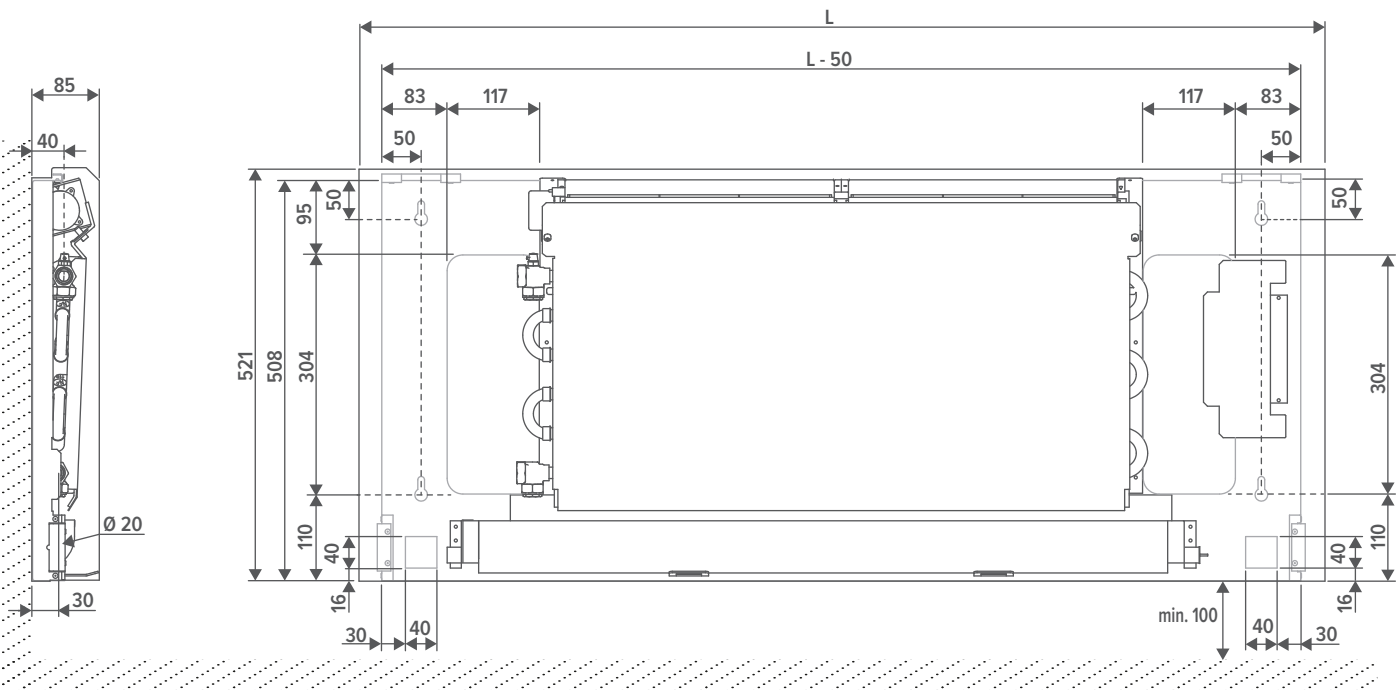
AIR OUTLET VENT
in the same colour as the casing, supplied with jet black coated honeycomb grille.



BASE-LINE

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

DIMENSIONS (in mm)



STANDARD DELIVERY

- coated housing in sendzimir galvanised steel plate
- coated back panel made from Sendzimir galvanised sheet steel
- air outlet vent in the same colour as the casing, supplied with jet black coated honeycomb grille
- robust interior made from electro-galvanised steel, premounted to the back panel
- condensation tray with drain (supplied with insulation)
- Low-H₂O heat exchanger
- thermal activator(s) (tangential mini activator)

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

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.

CONNECTION

Hydronic right, electric left. Connection code **L** instead of **R**. No surcharge.

ORDER CODE BRIZA XS NET ZERO

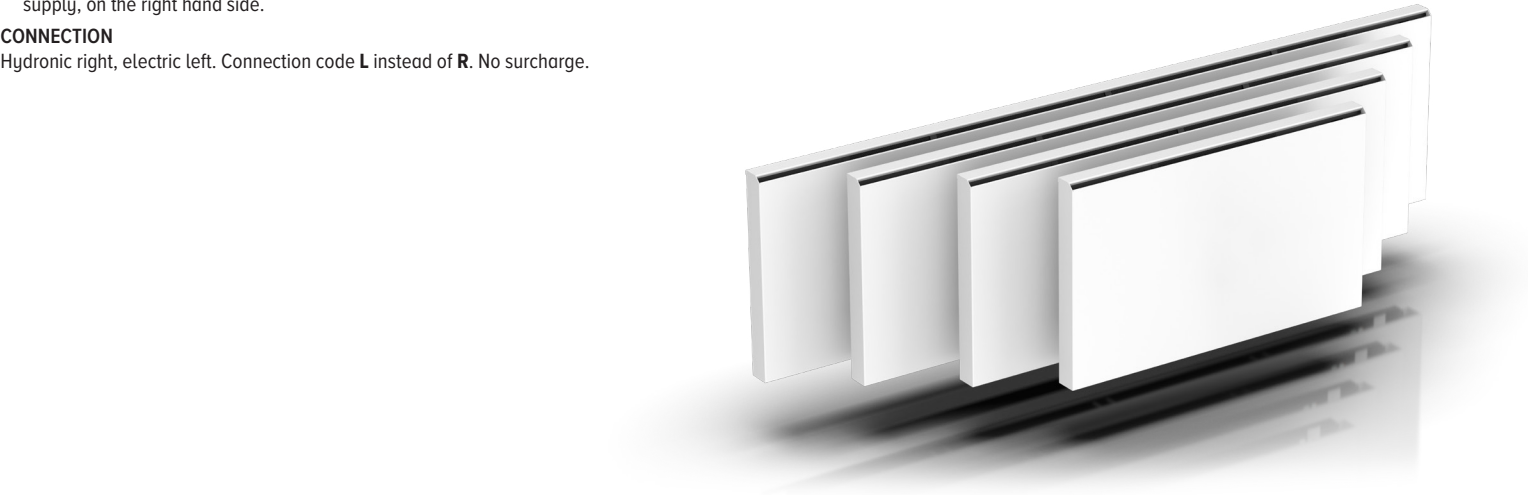
BNZW 052 086 XS XXX L BL DDD

- 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



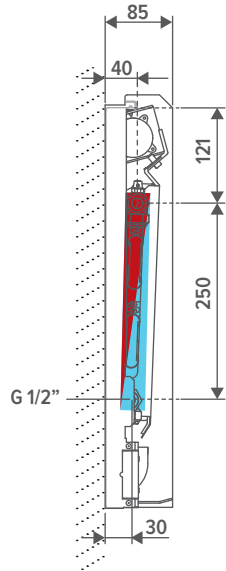
Order sleeve couplings M24 seperate



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

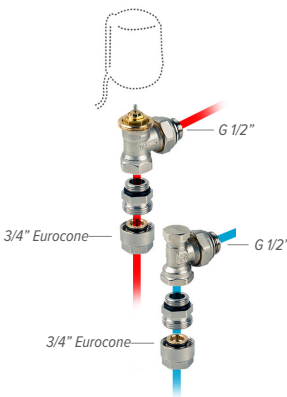
HYDRONIC CONNECTION

DIMENSIONS (in mm)



CONNECTION POSSIBILITIES

Eurocone connection set with thermoelectric motor



set
289

KVS 0.8 - default setting in 6 steps

CODY B18 23 4...	230VAC
CODY B18 24 4...	24VDC
CODY B18 10 4...	0-10VDC

fill in sleeve coupling code

Eurocone connection set with 2 lockshield valves G1/2" 90°



set
288

KV 1.65

CODY L01 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

ELECTRICAL CONNECTION

POWER SUPPLIES

 **Jaga power supplies must be used to validate product guarantee**

Waterproof power supply 24VDC with waterproof cable gland

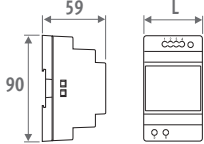


- with waterproof swivel nut connector
- in compliance with UL1310 - EN 60950-1 / Class II
- output voltage 24VDC
- input voltage 100 - 240VAC
- output current 1.67 Amps
- output 40 Watts
- dimensions L 145 x B 45 x H 30 mm

CODE	
P (add "P" to the order code)	pre-mounted

ex. BNZW 052 086 XS 133 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)



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

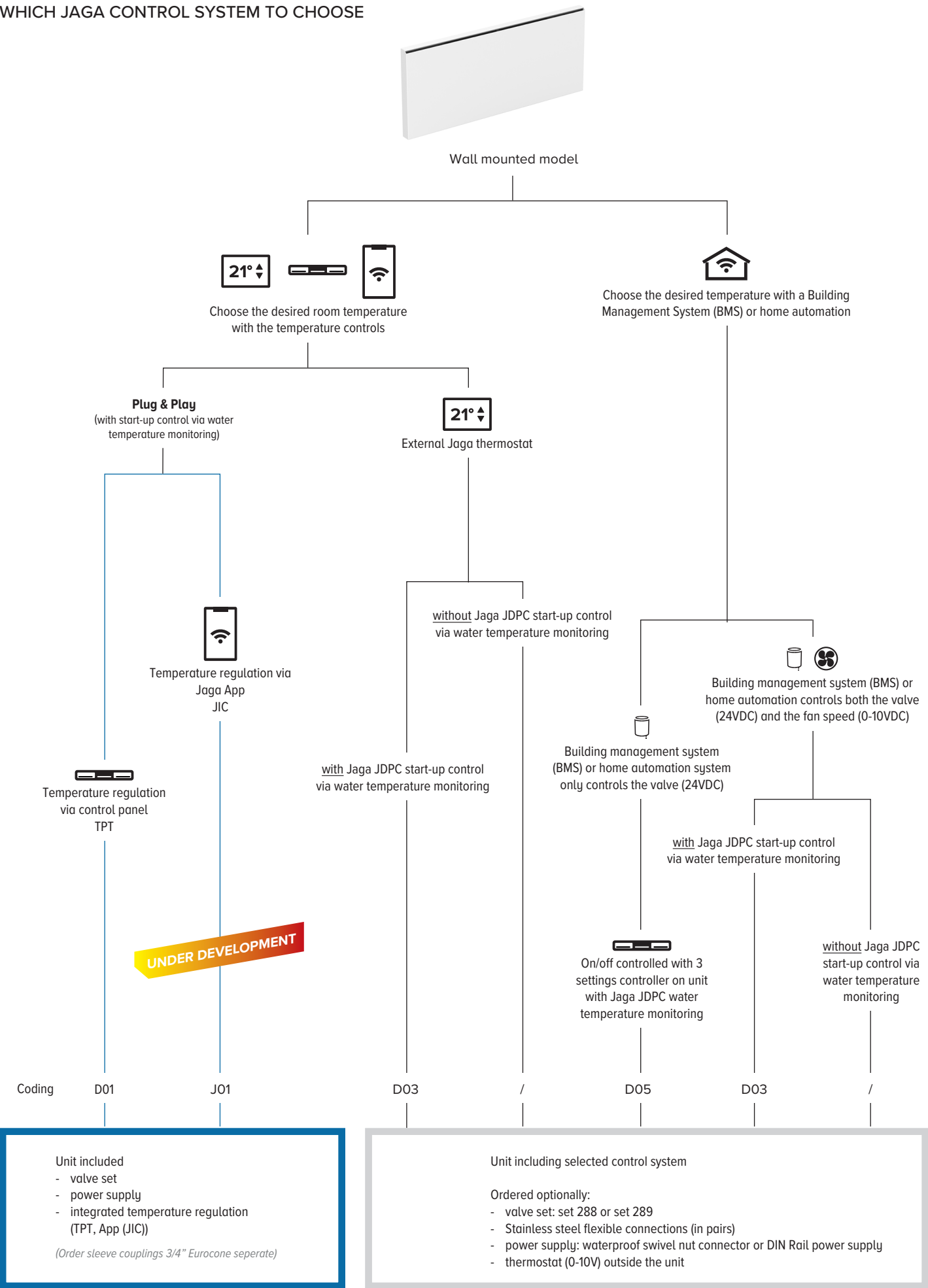
JAGA BMS 0-10V CONTROL

- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will 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.

3 STANDENREGLING

- 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.

WHICH JAGA CONTROL SYSTEM TO CHOOSE



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

TECHNICAL TABLE

	HEIGHT			CONTROL VOLTAGE	COOLING <small>(non-condensing) room temperature 27°C</small>		COOLING TOTAL <small>room temperature 27°C</small>		PERCEPTIBLE COOLING <small>room temperature 27°C</small>		HEATING <small>room temperature 20°C</small>				SOUND PRESSURE LEVEL	AIR FLOW	ENERGY CONSUMPTION	ORDER CODE			
	H	L	T		16/18	7/12	7/12	35/30	45/40	50/45	55/45										
	cm	cm			Watts	Watts	Watts	Watts	Watts	Watts	Watts										
BNZW 052 086 XS	052	086	XS	2	18	44	31	45	82	100	109	<20	25	0.5	BNZW 052 086 XS XXX L BL DDD						
				4	58	142	102	84	152	186	202	<20	34	0.8							
				6	92	221	160	122	223	272	295	22.5	47	1.3							
				8	119	282	207	161	293	359	389	29.0	61	2.1							
				10	139	326	242	201	365	446	484	35.5	77	3.0							
122 XS	122	XS	XS	2	36	89	63	90	164	200	217	<20	26	0.6	BNZW 052 122 XS XXX L BL DDD						
				4	117	285	204	167	304	372	403	<20	56	1.3							
				6	184	443	321	245	445	545	590	28.0	86	2.7							
				8	237	565	414	323	587	718	778	32.5	116	4.6							
				10	277	651	483	401	729	893	967	40.0	145	7.1							
163 XS	163	XS	XS	2	56	139	99	141	257	314	341	<20	39	1.1	BNZW 052 163 XS XXX L BL DDD						
				4	183	447	320	263	477	584	633	<20	65	2.1							
				6	289	695	504	384	699	855	927	27.5	111	4.0							
				8	373	886	650	507	921	1127	1222	34.5	148	6.6							
				10	435	1022	758	630	1145	1401	1518	42.5	188	10.1							
199 XS	199	XS	XS	2	74	184	130	186	339	415	449	<20	43	1.2	BNZW 052 199 XS XXX L BL DDD						
				4	242	589	422	346	629	770	835	20.5	71	2.5							
				6	381	917	664	507	921	1127	1222	28.0	131	5.4							
				8	491	1168	857	668	1215	1486	1611	36.5	182	9.1							
				10	573	1348	1000	831	1509	1847	2002	42.0	206	14.1							

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: Standard: L
Optional: R
Control: No control system: (leave blank)
BMS: D03
3-speed control: D05



BRIZA **XS** NET ZERO **BASE-LINE CONFIGURABLE** CEILING MOUNTED MODEL

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

THERMAL ACTIVATOR(S) (tangential mini activator)
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

HYDRONIC CONNECTIONS on the left

CONDENSATE TRAY with outlet spigot ø 20 mm
from electrolytic galvanized steel plate dark grey lacquered in RAL 7024

COATED HOUSING in sendzimir galvanised steel plate



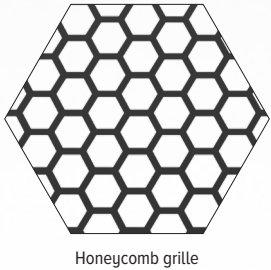
BACK PANEL (jet black 104)
for simple installation, the panel is supplied with recesses for water-side and electrical connection.

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

LOW-H₂O HEAT EXCHANGER
the Low-H₂O heat exchanger is the hyper-reactive, aluminium and copper motor of the ecological Jaga products




AIR OUTLET VENT
in the same colour as the casing,
supplied with jet black coated
honeycomb grille



BASE-LINE

ELECTRICAL CONNECTION

POWER SUPPLIES

 **Jaga power supplies must be used to validate product guarantee**

Waterproof power supply 24VDC with waterproof cable gland

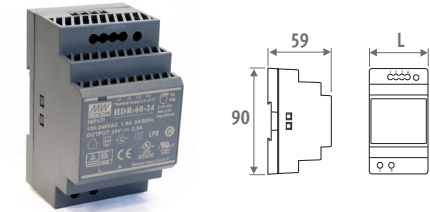


- with waterproof swivel nut connector
- in compliance with UL1310 - EN 60950-1 / Class II
- output voltage 24VDC
- input voltage 100 - 240VAC
- output current 1.67 Amps
- output 40 Watts
- dimensions L 145 x B 45 x H 30 mm

CODE	
P (add "P" to the order code)	pre-mounted

ex. BNZC 052 086 XS 133 B L BL D03 **P**

Power supply DIN-rail assembly

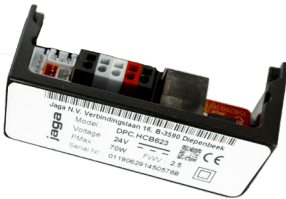








- for DIN-rail or wall mounting in a electrical switchboard
- in compliance with UL60950 / UL508 / EN 60950-1 / TUV EN61558-2-16 / Class II
- output voltage 24VDC
- input voltage 100 - 240VAC
- screw connection
- LED indicator

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 0-10 V CONTROL	2-PIPE	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS (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 0-10VDC signal. The fan will rotate proportionally to the 0-10VDC signal.

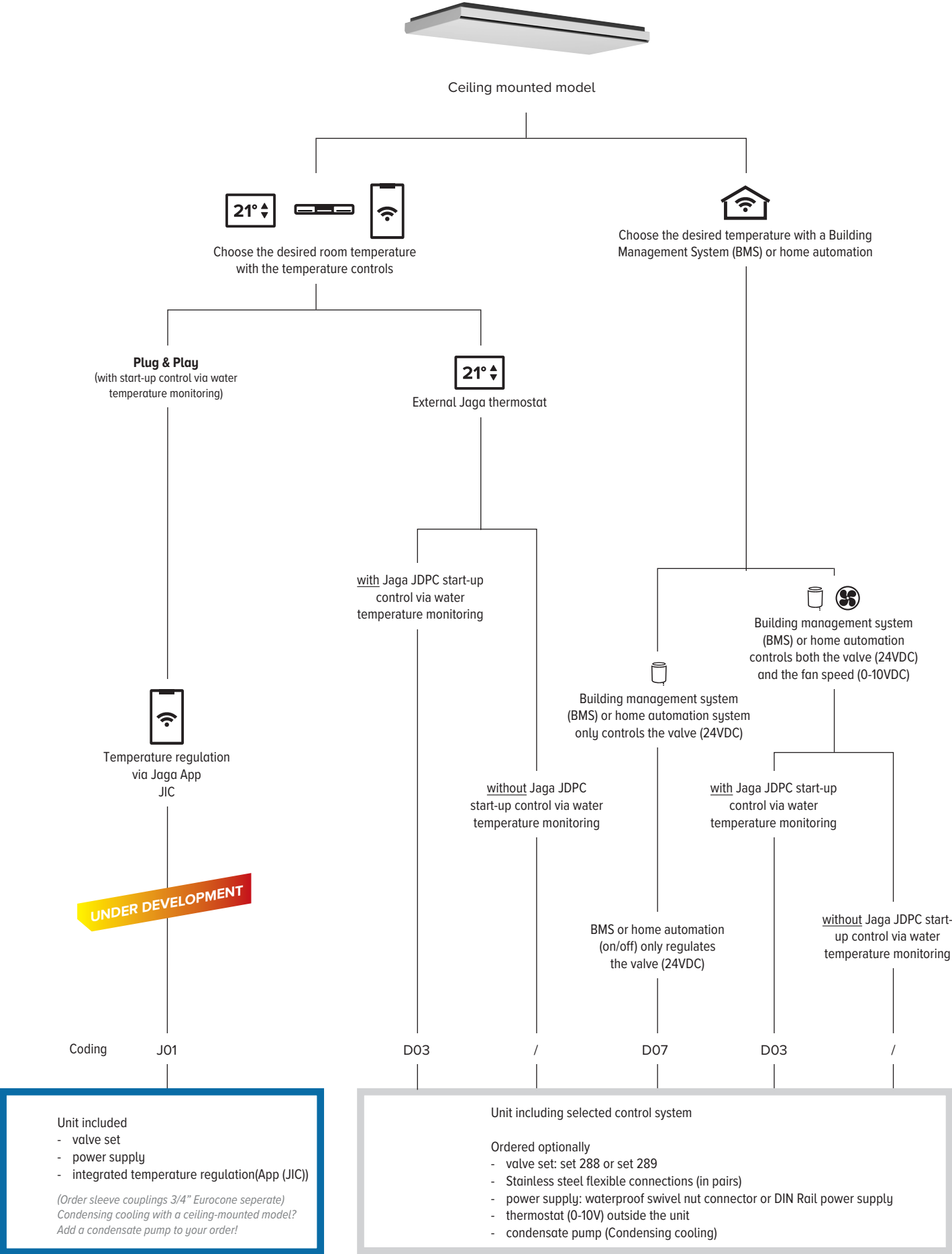
JAGA BMS 0-10V CONTROL

- 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.

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.
- 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.

WHICH JAGA CONTROL SYSTEM TO CHOOSE



BRIZA **XS** NET ZERO **BASE-LINE CONFIGURABLE** CEILING MOUNTED MODEL

TECHNICAL TABLE

				CONTROL VOLTAGE	COOLING <i>(non-condensing) room temperature 27°C</i>		COOLING TOTAL <i>room temperature 27°C</i>		PERCEPTIBLE COOLING <i>room temperature 27°C</i>		HEATING <i>room temperature 20°C</i>				SOUND PRESSURE LEVEL	AIR FLOW	ENERGY CONSUMPTION	ORDER CODE
B	WIDTH	L	LENGTH		U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	dB(A)	m³/h				
cm	cm	T	TYPE	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts							
BNZC 053 086 XS	053	086	XS	2	18	44	31	45	82	100	109	<20	25	0.5	BNZC 053 086 XS XXX X L BL DDD			
				4	58	142	102	84	152	186	202	<20	34	0.8				
				6	92	221	160	122	223	272	295	22.5	47	1.3				
				8	119	282	207	161	293	359	389	29.0	61	2.1				
				10	139	326	242	201	365	446	484	35.5	77	3.0				
122 XS			XS	2	36	89	63	90	164	200	217	<20	26	0.6	BNZC 053 122 XS XXX X L BL DDD			
				4	117	285	204	167	304	372	403	<20	56	1.3				
				6	184	443	321	245	445	545	590	28.0	86	2.7				
				8	237	565	414	323	587	718	778	32.5	116	4.6				
				10	277	651	483	401	729	893	967	40.0	145	7.1				
163 XS			XS	2	56	139	99	141	257	314	341	<20	39	1.1	BNZC 053 163 XS XXX X L BL DDD			
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				6	289	695	504	384	699	855	927	27.5	111	4.0				
				8	373	886	650	507	921	1127	1222	34.5	148	6.6				
				10	435	1022	758	630	1145	1401	1518	42.5	188	10.1				
199 XS			XS	2	74	184	130	186	339	415	449	<20	43	1.2	BNZC 053 199 XS XXX X L BL DDD			
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				6	381	917	664	507	921	1127	1222	28.0	131	5.4				
				8	491	1168	857	668	1215	1486	1611	36.5	182	9.1				
				10	573	1348	1000	831	1509	1847	2002	42.0	206	14.1				

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

















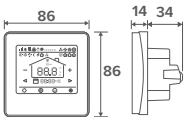
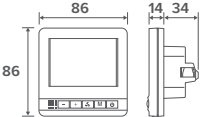
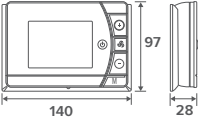
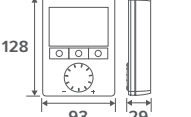
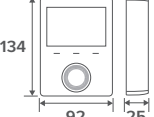
Back panel colour

Connection: Standard: L
Optional: R

Control: No control system: (leave blank)
BMS: D03
On/off: D07



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

CORRECTION FACTORS

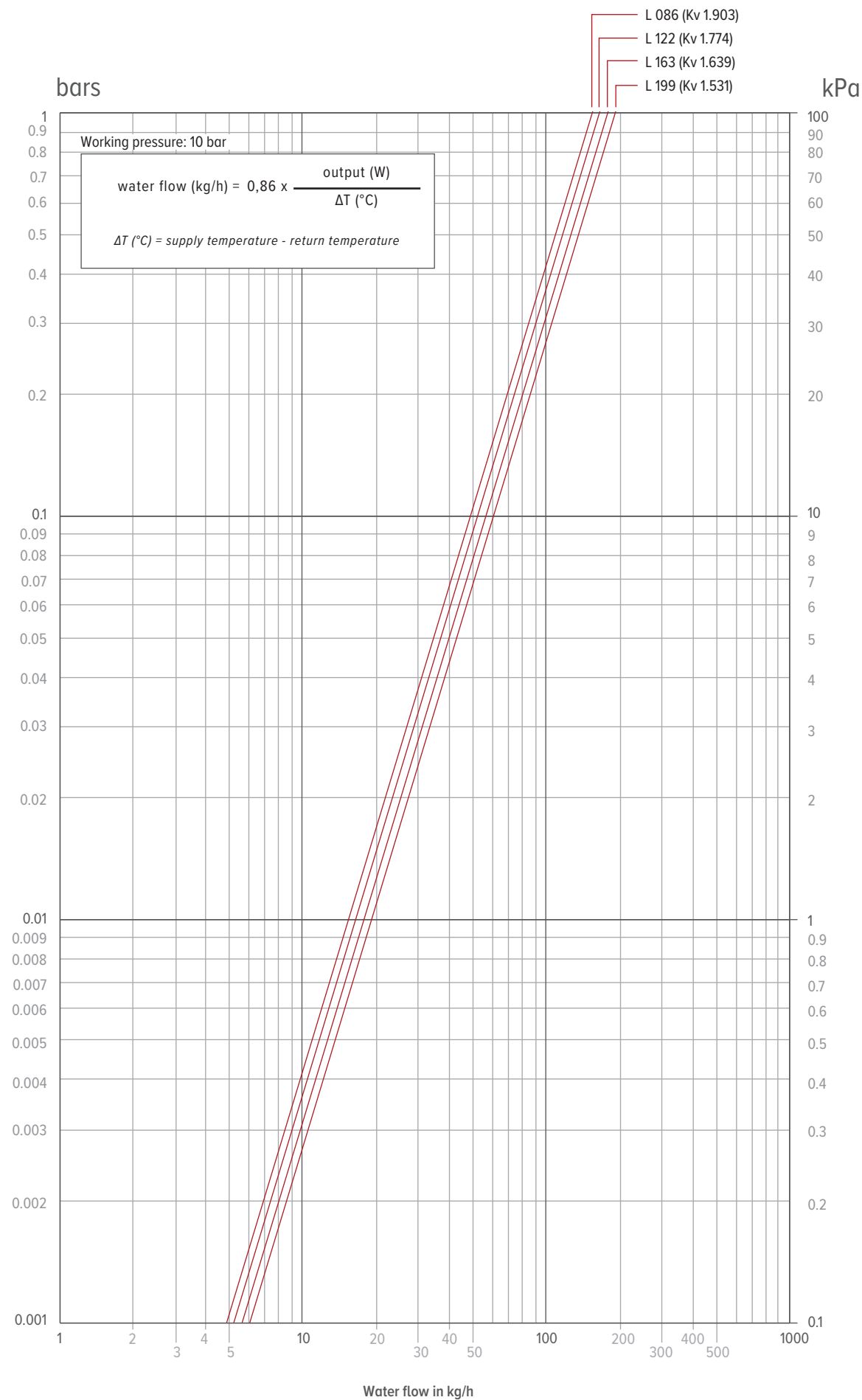
The indicated outputs at ΔT 50 are exact values measured in accordance with EN16430. This table provides a calculated value using an average correction factor for all other ΔT outputs, valid for all dimensions.

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.

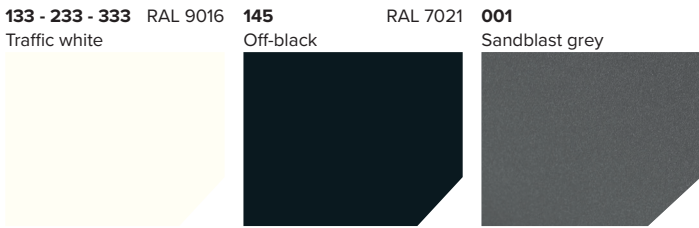
AVERAGE CORRECTION FACTORS DYNAMIC PRODUCTS - 75/65/20°C

room temperature: 20°C		Average N-value: 1.00										room temperature: 24°C		Average N-value: 1.00									
		TR	65	60	55	50	45	40	35	30	25			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		TA	75		0.92	0.86	0.81	0.74	0.68	0.61	0.52	0.42	0.26
	70	0.95	0.90	0.84	0.79	0.72	0.66	0.58	0.50	0.39			70		0.87	0.82	0.76	0.70	0.64	0.57	0.49	0.39	0.24
	65			0.85	0.80	0.74	0.68	0.62	0.55	0.47	0.37		65			0.77	0.72	0.66	0.60	0.53	0.46	0.37	0.22
	60				0.75	0.70	0.64	0.58	0.51	0.43	0.34		60				0.67	0.62	0.56	0.49	0.42	0.34	0.20
	55					0.65	0.60	0.54	0.47	0.40	0.31		55					0.57	0.52	0.46	0.39	0.31	0.18
	50						0.55	0.49	0.43	0.37	0.28		50						0.47	0.41	0.35	0.27	0.15
	45							0.45	0.39	0.33	0.25		45							0.37	0.31	0.24	0.13
	40								0.35	0.29	0.22		40								0.27	0.20	0.11
	35									0.25	0.18		35									0.17	0.08
	30										0.14		30										0.06

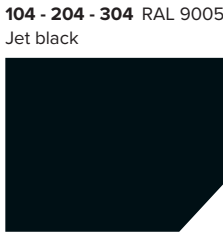
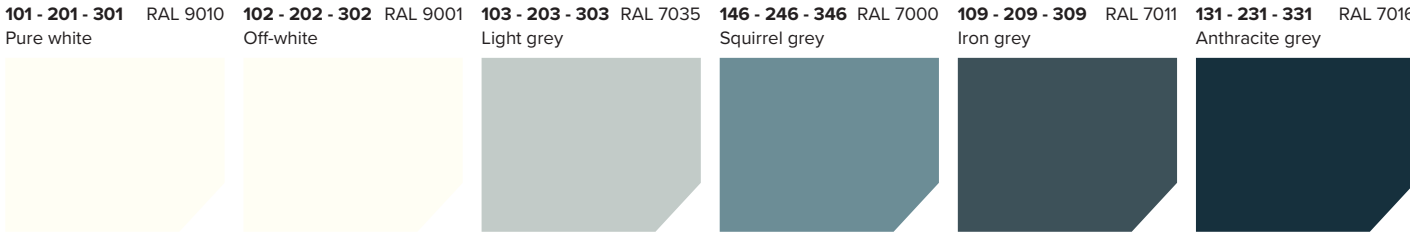
PRESSURE DROP



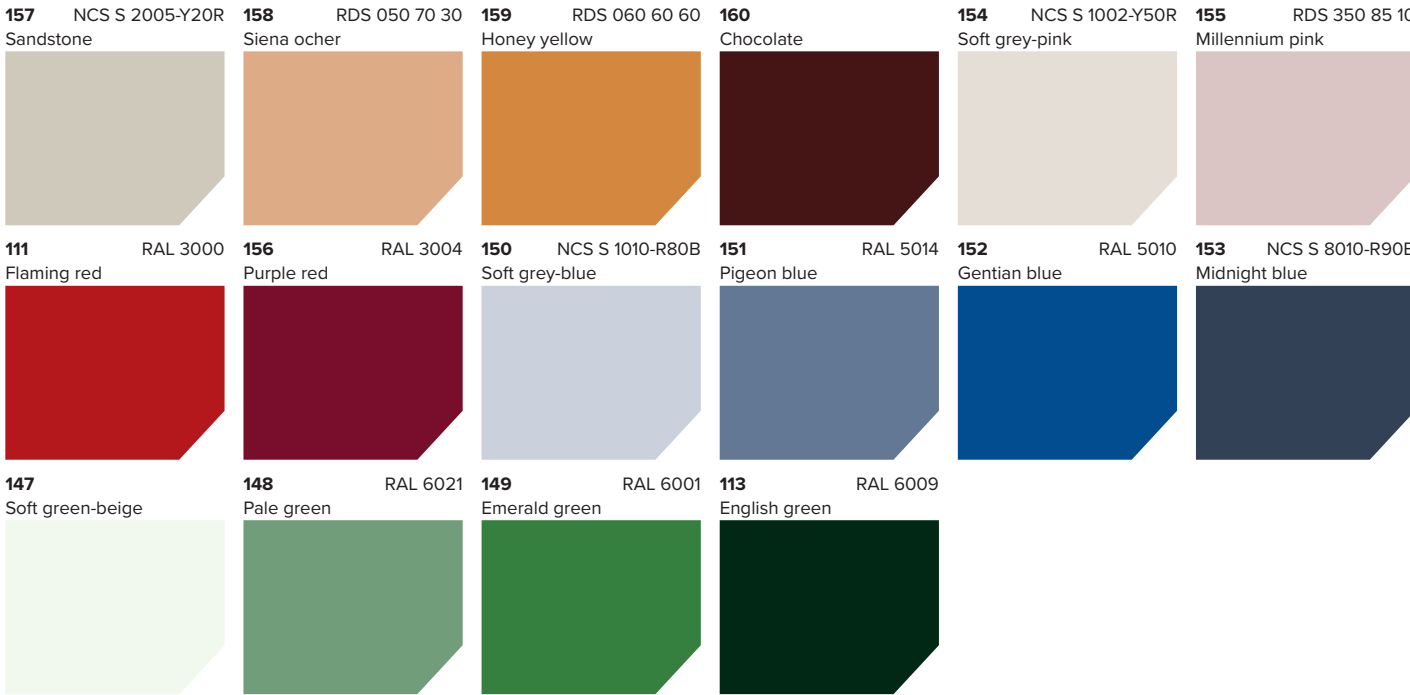
Standard colours



Subtle & discreet



Colours of nature



Precious metals



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.



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