jaga

CLIMATE DESIGNERS

BRIZA 22

INFO@JAGA.BE 011 29 41 11

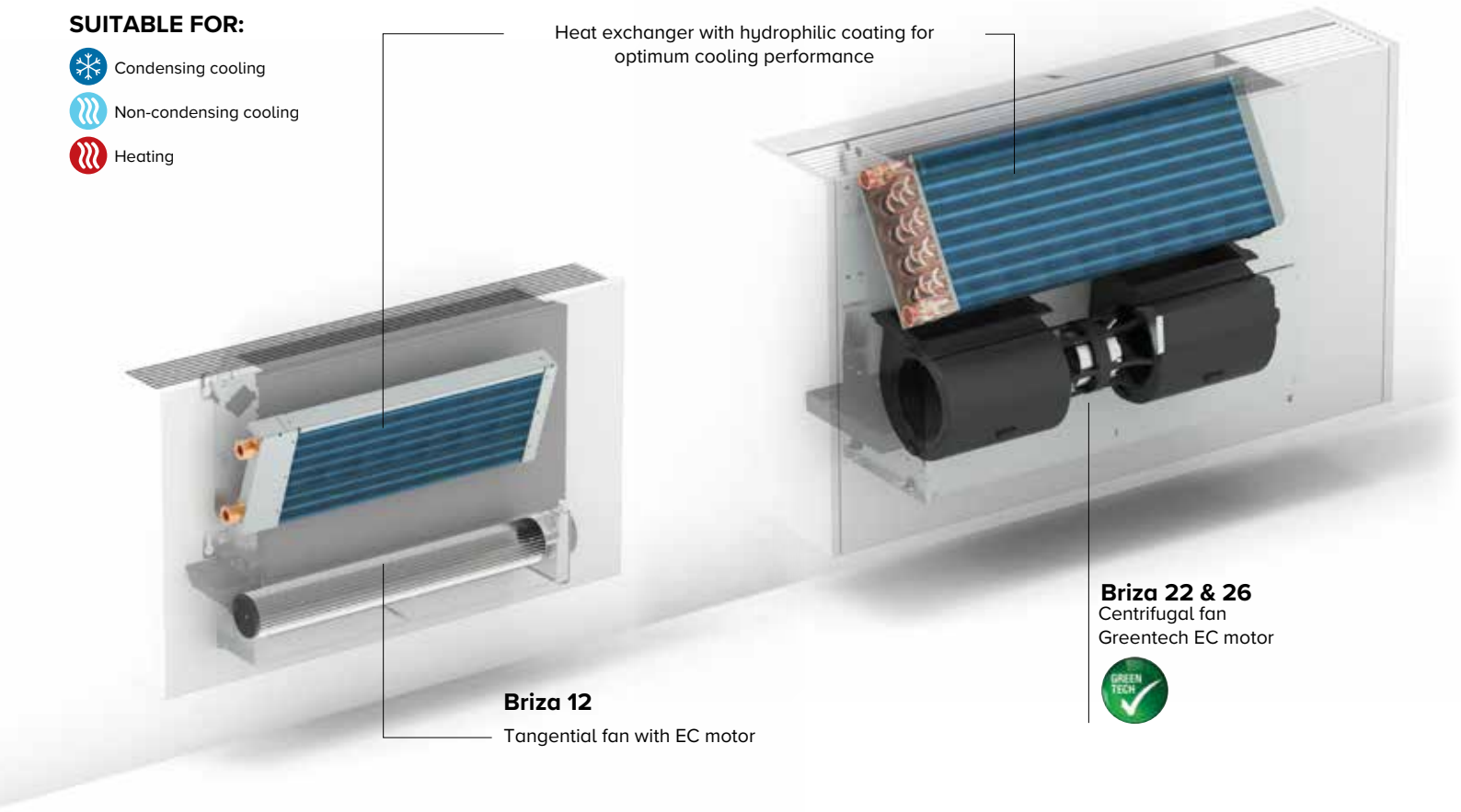
BRIZA 22

BRIZA - JAGA FAN COIL RADIATORS

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

SUITABLE FOR:

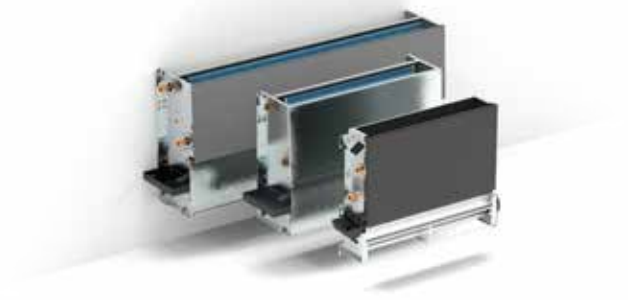
- Condensing cooling
- Non-condensing cooling
- Heating



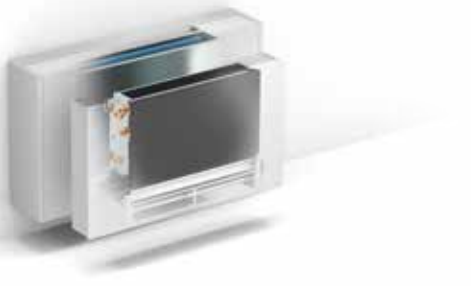
OVERALL USABILITY

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

INSTALLATION IN A WALL RECESS

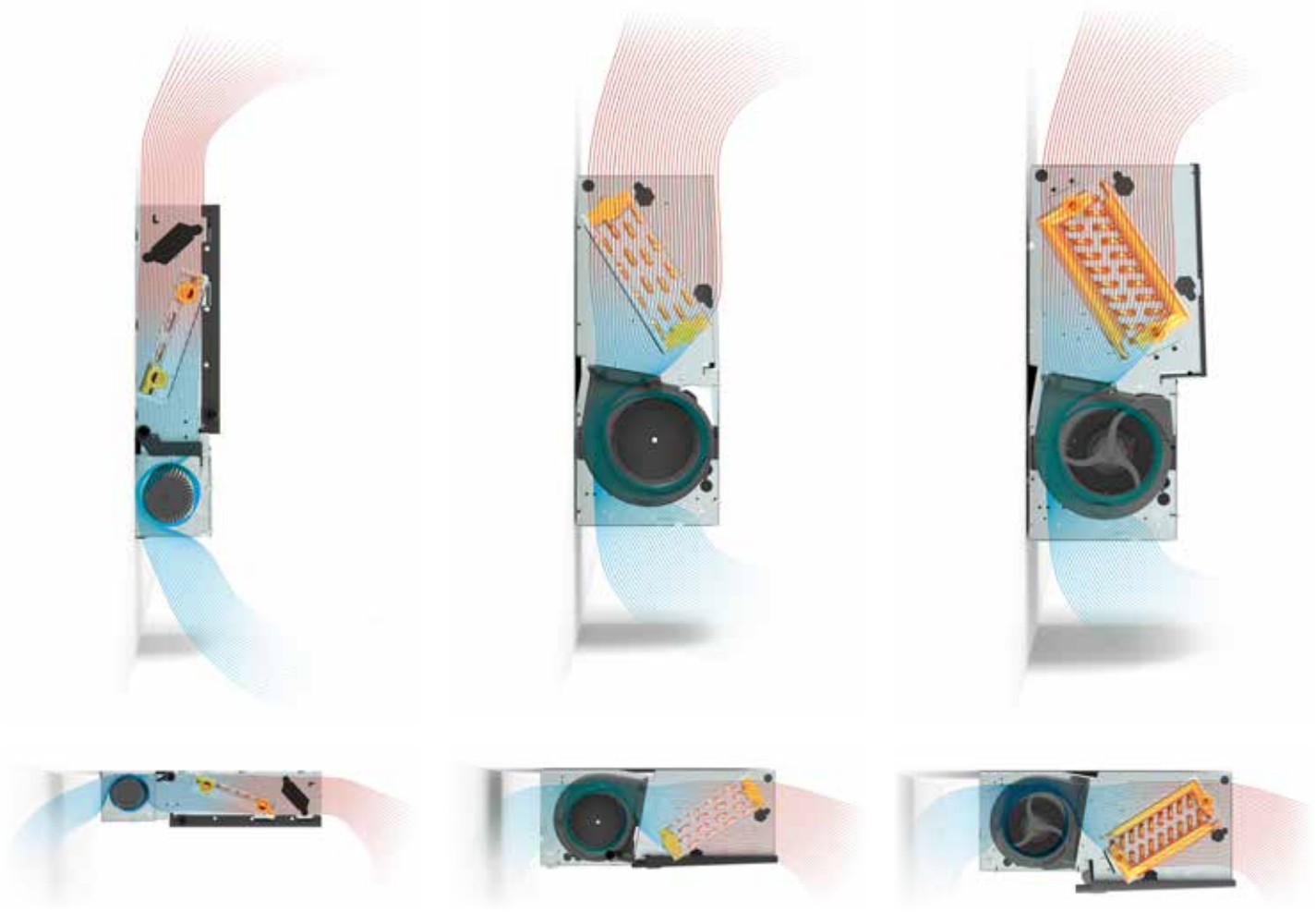


WALL-MOUNTED MODEL



BUILT-IN CEILING

CEILING-MOUNTED MODEL



BRIZA 12

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

APPLICATIONS:

- Residential
- Smaller commercial spaces

BRIZA 22

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

APPLICATIONS:

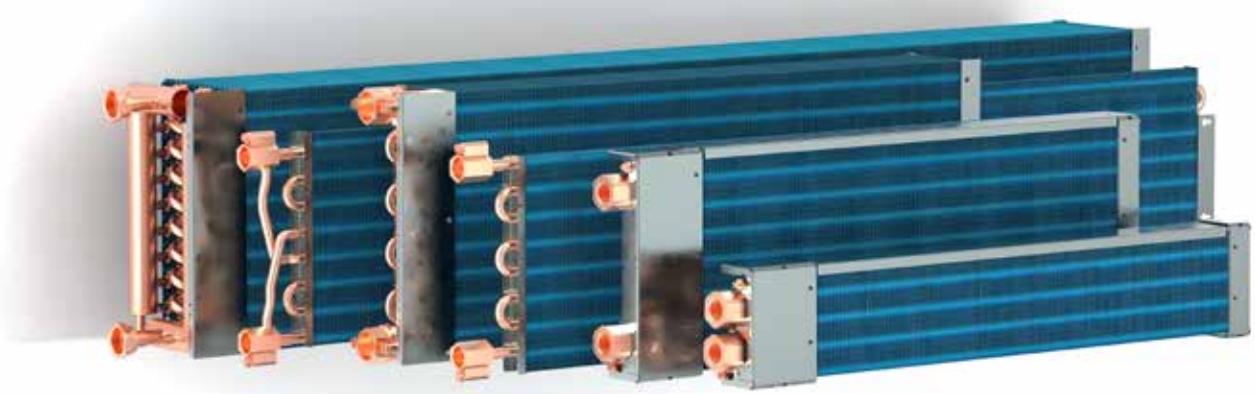
- Offices & commercial spaces
- Larger surfaces

BRIZA 26

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

APPLICATIONS:

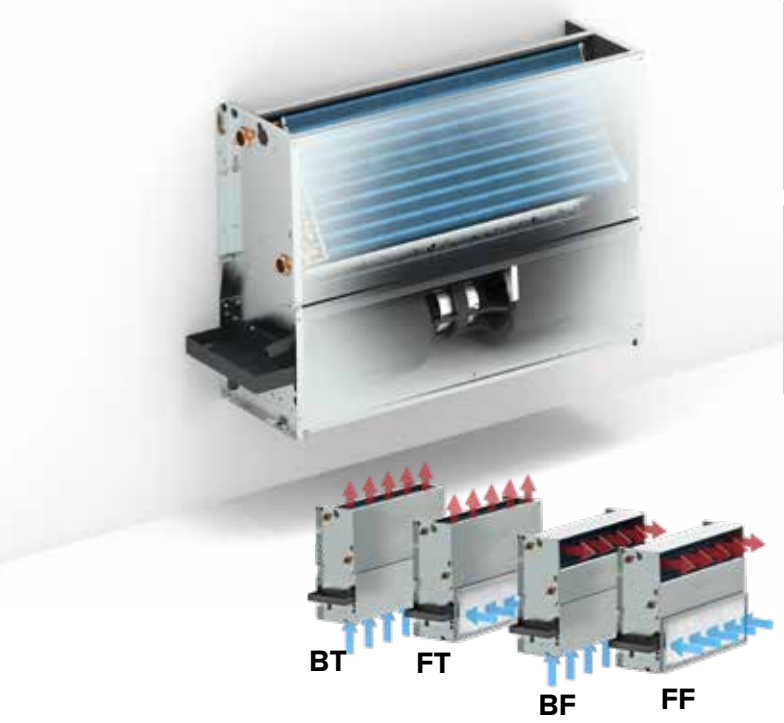
- Offices & commercial spaces
- Larger surfaces



Jaga hydrophilic heat exchangers

OVERVIEW BRIZA 22 RANGE

INSTALLATION IN A WALL RECESS



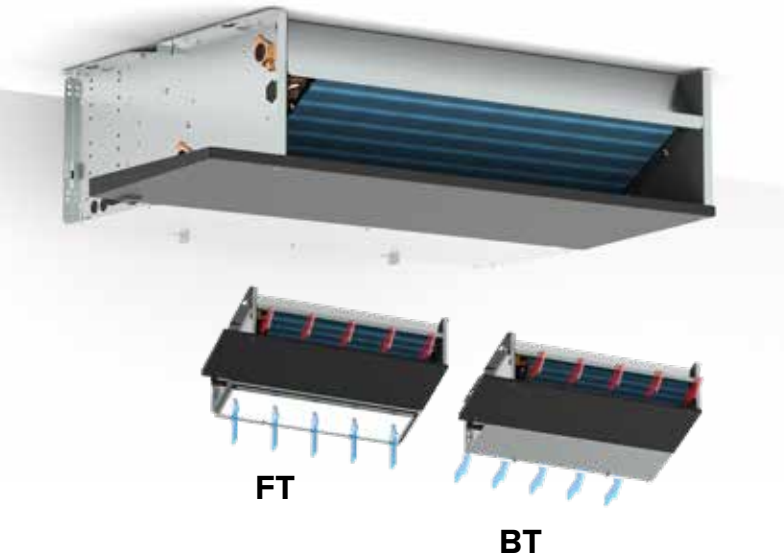
2-PIPE

- height 55 cm
- length 55, 75, 95, 125, 155 or 190 cm
- 35/30/20°C: from 1160 to 7030 Watts (10V)
- 16/18/27°C: from 1533 to 4540 Watts (10V)
- 7/12/27°C: from 4358 to 12790 Watts (10V)

4-PIPE

- height 55 cm
- length 55, 75, 95, 125, 155 or 190 cm
- 35/30/20°C: from 795 to 3027 Watts (10V)
- 16/18/27°C: from 1533 to 4540 Watts (10V)
- 7/12/27°C: from 4358 to 12790 Watts (10V)

BUILT-IN CEILING



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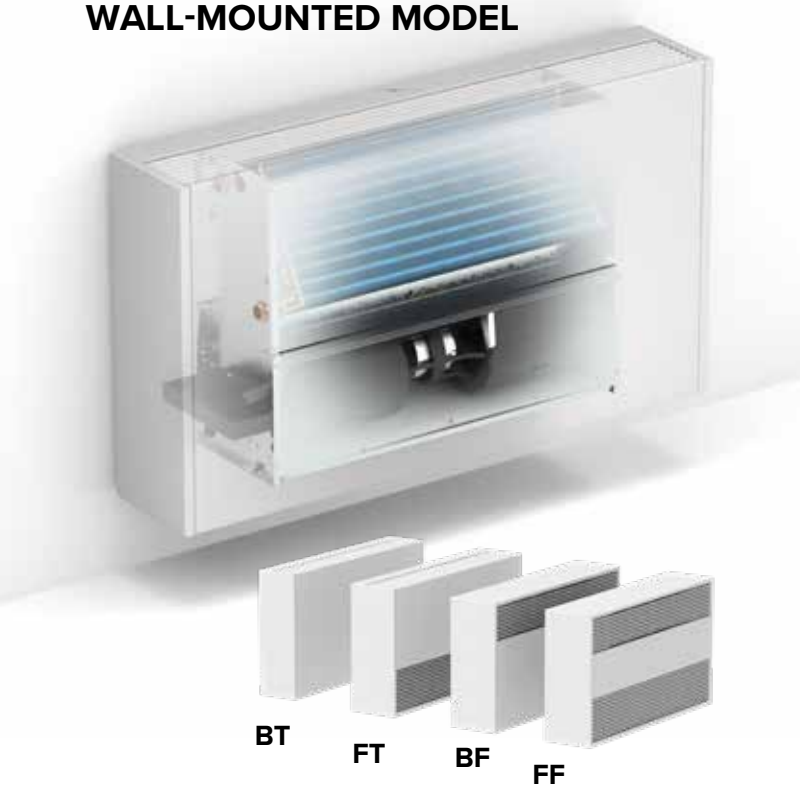
- 7/12/27°C: from 4358 to 12790 Watts (10V)

WALL-MOUNTED MODEL



2-PIPE

- height 63 cm
- length 90, 110, 130, 160, 190 or 225 cm
- 35/30/20°C: from 2171 to 6223 Watts (10V)
- 16/18/27°C: from 1044 to 4031 Watts (10V)
- 7/12/27°C: from 2645 to 11446 Watts (10V)

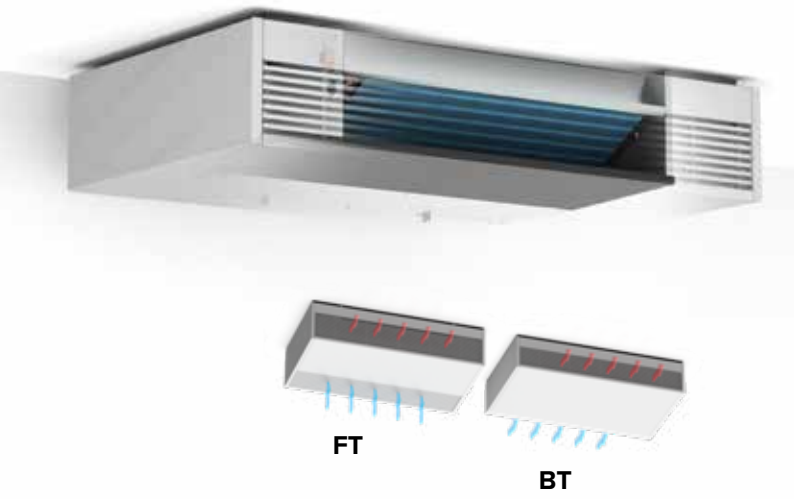
4-PIPE

- height 63 cm
- length 90, 110, 130, 160, 190 or 225 cm
- 35/30/20°C: from 752 to 2805 Watts (10V)
- 16/18/27°C: from 1044 to 4031 Watts (10V)
- 7/12/27°C: from 2645 to 11446 Watts (10V)

PLUG & PLAY

- Wi-fi touchscreen thermostat, integrated 230V power supply, pre-assembled connection set
- height 63 cm
- length 90, 110, 130, 160, 190 or 225 cm
- 35/30/20°C: from 2171 to 6223 Watts (10V)
- 16/18/27°C: from 1044 to 4031 Watts (10V)
- 7/12/27°C: from 2645 to 11446 Watts (10V)

CEILING MOUNTED MODEL



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CLIMATE
DESIGNERS

BRIZA 22
INSTALLATION IN A WALL RECESS

HYDRONIC CONNECTION

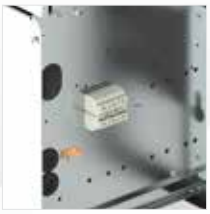
2-pipe

4-pipe

STURDY CASING
manufactured from electro-galvanised steel

HEAT EXCHANGER
with hydrophilic coating for optimum cooling performance

ELECTRICAL CONNECTION

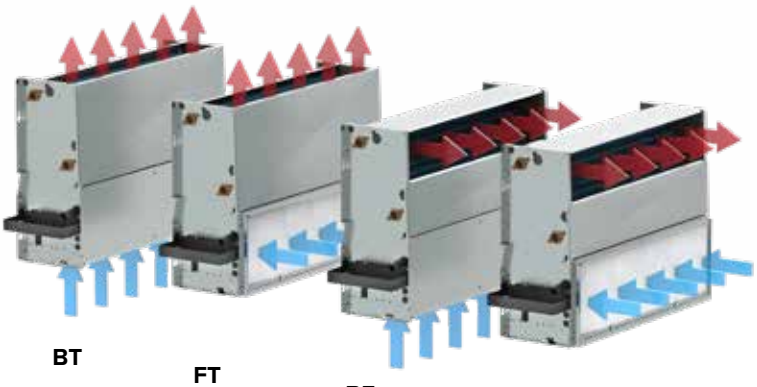


replaceable polypropylene
DUST FILTER (class G2)

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

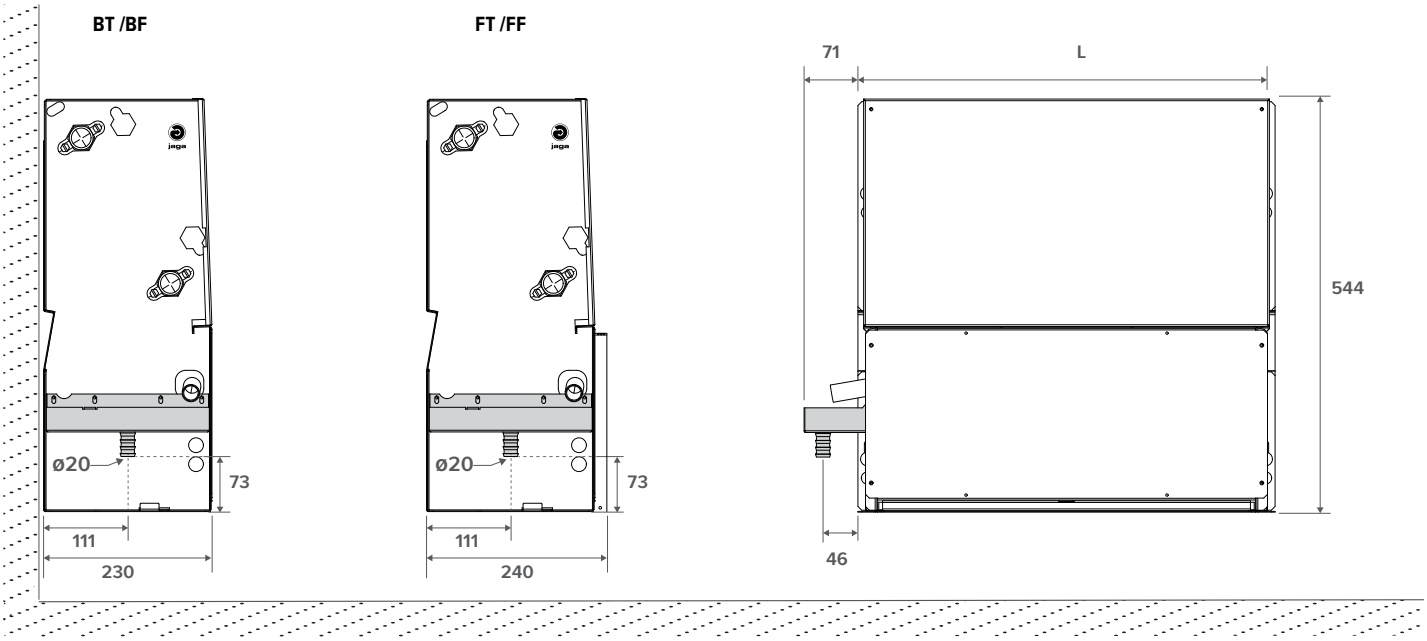
METAL CONDENSATE TRAY
with epoxy-polyester coating

CENTRIFUGAL FANS
with GreenTech-EC technology: energy efficient, easy operation, low noise level.



BRIZA 22 INSTALLATION IN A WALL RECESS

DIMENSIONS *(in mm)*



STANDARD DELIVERY

- sturdy casing manufactured from electro-galvanised steell
- aluminium-copper heat exchanger with hydrophilic coating
- centrifugal fan(s) with twin inlet
- condensation tray with drain
- replaceable polypropylene dust filter (class G2)

CONNECTION

Standard

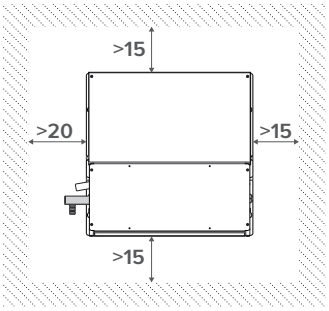
- hydronic connections on the left
  two-pipe system: G 3/4" connection
  4-pipe system: large heat exchanger: G 3/4" connection
  small heat exchanger: G 1/2" connection
- clamp connector for electric connection 230 VAC, to connect via an external power supply, on the right hand side.

Optional

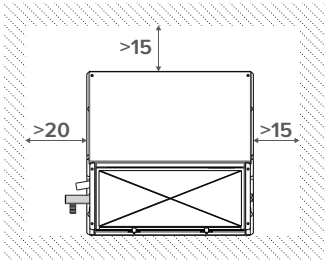
Hydronic right, electric left:
Connection code **RL** instead of **LR**. No surcharge.

INSTALLATION / FREE SPACE

Briza 22 BT - 'Bottom Top grill'
Briza 22 BF - 'Bottom Front grill'



Briza 22 FT - 'Front Top grill'
Briza 22 FF - 'Front Front grill'



ORDER CODE BRIZA 22 INSTALLATION IN A WALL RECESS 2-PIPE

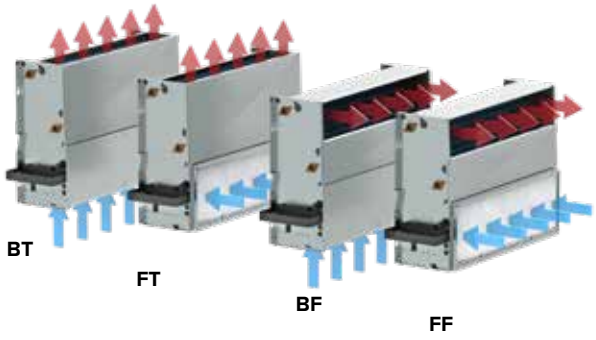
BABW 055 055 22 XX 2 LR G2 DDD

- *Control:*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D03*
  - *Jaga On/off: D07*
- *Model: BT, FT, BF, FF*
- *Length*

ORDER CODE BRIZA 22 INSTALLATION IN A WALL RECESS 4-PIPE

BABW 055 055 22 XX 4 LR G2 DDD

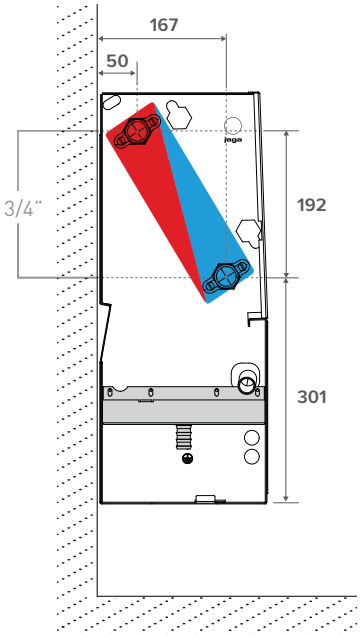
- *Control:*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D04*
  - *Jaga On/off: D08*
- *Model: BT, FT, BF, FF*
- *Length*



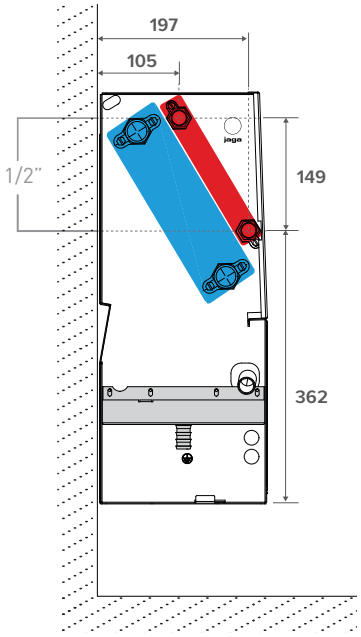
BRIZA 22 INSTALLATION IN A WALL RECESS

DIMENSIONS *(in mm)*

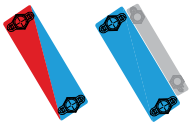
2-pipe



4-pipe



CONNECTION POSSIBILITIES:
LARGE HEAT EXCHANGER 3/4"
2-PIPE & 4-PIPE SYSTEM



CONNECTION POSSIBILITIES:
SMALL HEAT EXCHANGER 1/2"
4-PIPE SYSTEM

Connection set 2-pipe Jaga 3/4 DN20

set 301 **Kv max. 0.8 - 2.5**

TWO PIPE	
CODY WA5 24 0	24 VDC
CODY WA5 23 0	230 VDC

Connection set with 2 lockshield valves 3/4" 180°

set 302 **TWO PIPE**

CODY LO5 00 0

Connection set Jaga 1/2"

set 98 **Kv 1.5 without default setting**

TWO PIPE	
CODY WA4 24 0	24 VDC
CODY WA4 23 0	230 VAC

Connection set with 2 lockshield valves G 1/2"

set 99

CODY LOM 00 0

Stainless steel flexible connections 1/2"

CODE	Length	
7990 068	200 < 260 mm	2 units

Stainless steel flexible connections 3/4"

CODE	Length	
8776 00010002	300 < 600 mm	2 units

BRIZA 22 INSTALLATION IN A WALL RECESS

ELECTRICAL CONNECTION

POWER SUPPLIES

Provide 230 VAC for Briza installation. Do you prefer a Jaga controller?
Then choose one of these 24 VDC power supplies.
Jaga units are only CE: EN-60335 certified with use of the original Jaga power supplies

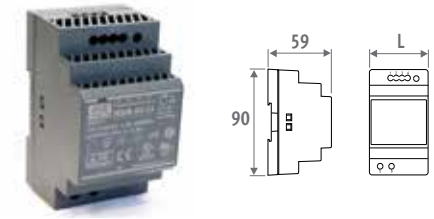
Waterproof power supply 24 VDC with waterproof cable gland

- 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.: BABW 055 055 22 2 LR G2 ***P***

Power supply DIN-rail assembly



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

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

MAXIMUM CABLE LENGTH

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

	CABLE LENGTH *(m)*									
	10	*20*	*30*	*40*	*50*	*60*	*70*	*80*	*90*	*100*
Ø CABLE	NUMBER OF BRIZA 22 L055									
1,5 mm²	255	127	85	63	51	42	36	31	28	25
2,5 mm²	425	212	141	106	85	70	60	53	47	42
	NUMBER OF BRIZA 22 L075									
1,5 mm²	228	114	76	57	45	38	32	28	25	22
2,5 mm²	380	190	126	95	76	63	54	47	42	38
	NUMBER OF BRIZA 22 L095									
1,5 mm²	206	103	68	51	41	34	29	25	22	20
2,5 mm²	343	171	114	85	68	57	49	40	38	34
	NUMBER OF BRIZA 22 L125									
1,5 mm²	120	60	40	30	24	20	17	15	13	12
2,5 mm²	200	100	66	50	40	33	28	25	22	20
	NUMBER OF BRIZA 22 L155									
1,5 mm²	112	56	37	28	22	18	16	14	12	11
2,5 mm²	188	94	62	47	37	31	26	23	20	18
	NUMBER OF BRIZA 22 L190									
1,5 mm²	81	40	27	20	16	13	11	10	9	8
2,5 mm²	135	67	45	33	27	22	19	16	15	13

JAGA CONTROLS (OPTIONAL)

Control panel

CODE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control - 2-pipe (D03)		-	✓	1	-
Jaga BMS 0-10V control - 4-pipe (D04)		-	✓	2	-
Jaga On/off - 2-pipe (D07)		-	-	1	-
Jaga On/off - 4-pipe (D08)		-	-	2	-

NO JAGA CONTROL SYSTEM

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

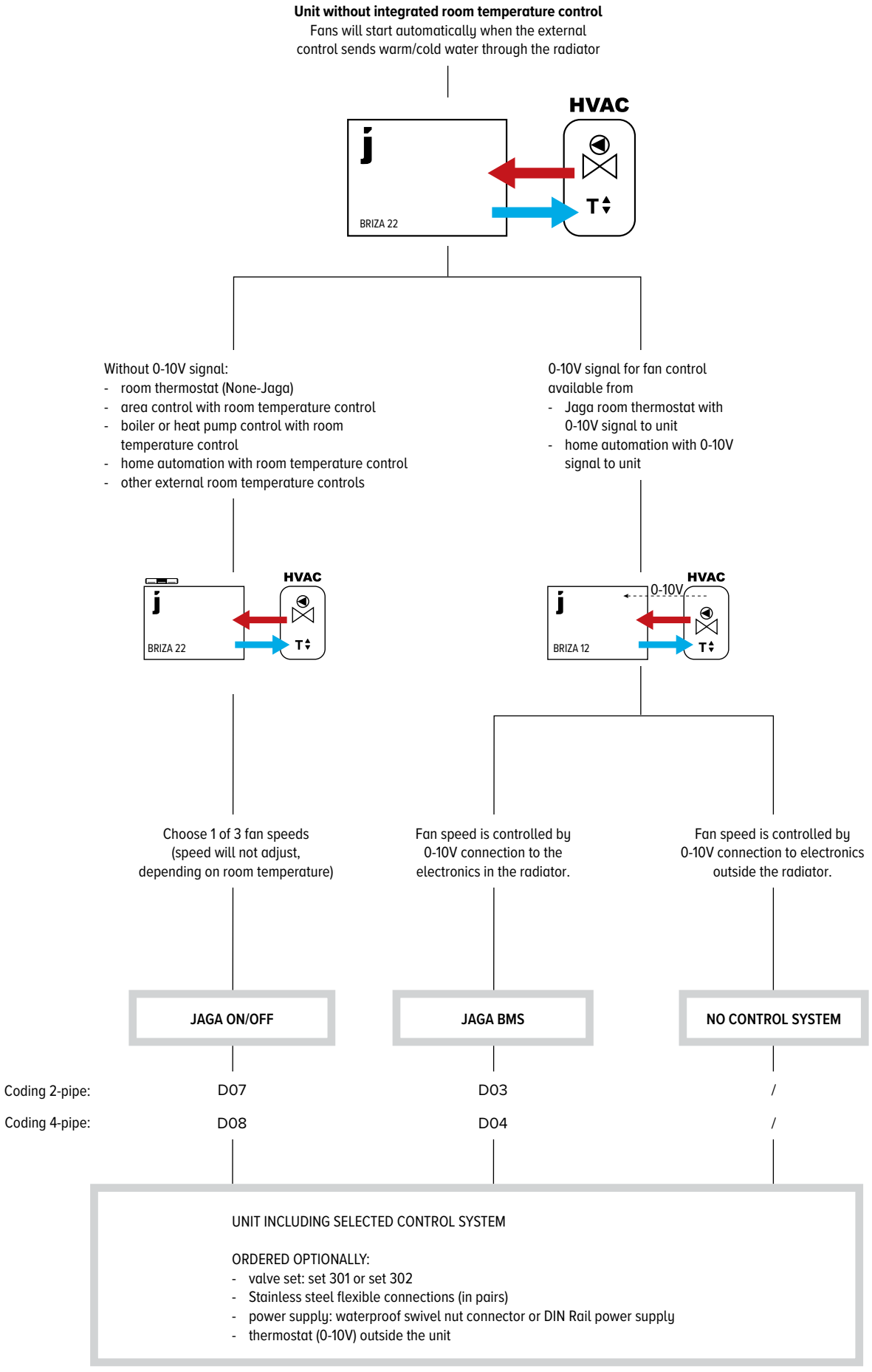
JAGA BMS 0-10V CONTROL

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

JAGA 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 22 INSTALLATION IN A WALL RECESS JAGA CONTROL SYSTEM TO CHOOSE



BRIZA 22 INSTALLATION IN A WALL RECESS

2-PIPE

	HEIGHT	LENGTH	TYPE	MAX. MEASURED CURRENT	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
	H	L	T	I	U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65				
	cm	cm	cm	A	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m^3/h	Watts	
BABW	**055**	**055**	**22**		**2**	390	939	677	532	978	1202	1305	2213	25 5	134	3 7	BABW 055 055 22 XX 2 LR G2 DDD
					4	674	1685	1214	943	1735	2133	2315	3924	35 0	254	8 7	
					6	866	2256	1626	1231	2265	2784	3022	5122	42 5	355	17 2	
					8	1061	2749	1981	1503	2765	2299	3690	6255	46 5	450	31 1	
					10	1185	2991	2155	1660	3055	3855	4076	6909	51 0	500	41 1	
		075	**22**		**2**	508	1445	1041	766	1375	1676	1814	3010	20 5	178	3 8	BABW 055 075 22 XX 2 LR G2 DDD
					4	870	2475	1784	1350	2424	2955	3197	5307	29 5	327	8 8	
					6	1146	3258	2348	1787	3209	3912	4233	7026	39 0	456	17 7	
					8	1372	3901	2811	2139	3841	4683	5067	8409	45 0	579	31 9	
					10	1533	4358	3141	2384	4280	5218	5646	9370	49 0	681	46 4	
		095	**22**		**2**	747	1882	1356	960	1776	2188	2377	4049	22 0	247	3 9	BABW 055 095 22 XX 2 LR G2 DDD
					4	1266	3189	2298	1650	3054	3761	4086	6960	29 5	413	9 9	
					6	1675	4221	3042	2200	4072	5015	5448	9281	37 0	565	20 6	
					8	2000	5040	3632	2642	4889	6021	6541	11143	42 5	707	35 9	
					10	2200	5543	3995	2918	5399	6649	7223	12305	46 5	809	51 2	
		125	**22**		**2**	787	2172	1565	1340	2426	2965	2311	5366	28 0	334	7 2	BABW 055 12522 XX 2 LR G2 DDD
					4	1367	3771	2718	2304	4170	5097	5520	9224	36 0	614	17 5	
					6	1812	4999	3603	2997	5424	6630	7181	11998	43 0	840	35 7	
					8	2251	6209	4475	3634	6577	8038	8706	14548	49 0	1072	62 8	
					10	2533	6985	5034	4016	7267	8882	9621	16076	52 5	1226	88 5	
		155	**22**		**2**	851	2420	1744	1373	2466	3006	3252	5398	25 0	392	7 2	BABW 055 155 22 XX 2 LR G2 DDD
					4	1533	4358	3140	2445	4390	5351	5790	9610	34 0	706	17 8	
					6	2127	6048	4359	3374	6059	7386	7992	13264	41 0	990	37 1	
					8	2660	7562	5450	4202	7547	9199	9954	16520	47 0	1252	65 8	
					10	3023	8596	6195	4765	8558	10432	11287	18733	51 0	1436	95 0	
		190	**22**		**2**	1450	4085	2943	2217	3985	4859	5228	8732	31 5	549	11 1	BABW 055 190 22 XX 2 LR G2 DDD
					4	2486	7003	5047	3812	6851	8354	9040	15015	39 0	972	25 9	
					6	3341	9411	6782	5140	9238	11265	12190	20246	46 5	1347	52 8	
					8	4094	11533	8312	6323	11364	13856	14994	24904	52 0	1700	93 0	
					10	4540	12790	9218	7030	12634	15405	16670	27688	55 0	1922	131 5	

Output measured in accordance with EN 1397
Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m^3 / reverberation time 0.5 sec.

model: BT / FT / BF / FF

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

jaga

BRIZA 22 INSTALLATION IN A WALL RECESS

4-PIPE

	HEIGHT	LENGTH	TYPE	MAX. MEASURED CURRENT	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
	H	L	T	I	U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65				
	cm	cm	cm	A	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m^3/h	Watts	
BABW	**055**	**055**	**22**		**2**	390	939	677	281	553	695	761	1367	25 5	134	3 7	BABW 055 055 22 XX 4 LR G2 DDD
					4	674	1685	1214	388	763	959	1050	1886	35 0	254	8 7	
					6	866	2256	1626	465	915	1151	1260	2263	42 5	355	17 2	
					8	1061	2749	1981	529	1040	1308	1432	2575	46 5	450	31 1	
					10	1185	2991	2155	558	1098	1380	1512	2715	51 0	500	41 1	
		075	**22**		**2**	508	1445	1041	343	675	848	929	1667	20 5	178	3 8	BABW 055 075 22 XX 4 LR G2 DDD
					4	870	2475	1784	537	1056	1327	1454	2609	29 5	327	8 8	
					6	1146	3258	2348	661	1299	1633	1788	3210	39 0	456	17 7	
					8	1372	3901	2811	745	1465	1841	2016	3619	45 0	579	31 9	
					10	1533	4358	3141	795	1562	1964	2151	3860	49 0	681	46 4	
		095	**22**		**2**	747	1882	1356	479	947	1193	1308	2359	22 0	247	3 9	BABW 055 095 22 XX 4 LR G2 DDD
					4	1266	3189	2298	656	1376	1733	1900	3427	29 5	413	9 9	
					6	1675	4221	3042	843	1666	2098	2300	4149	37 0	565	20 6	
					8	2000	5040	3632	942	1862	2346	2571	4638	42 5	707	35 9	
					10	2200	5543	3995	995	1968	2479	2717	4901	46 5	809	51 2	
		125	**22**		**2**	787	2172	1565	823	1592	1990	2174	3848	28 0	334	7 2	BABW 055 125 22 XX 4 LR G2 DDD
					4	1367	3771	2718	1146	2216	2770	3027	5357	36 0	614	17 5	
					6	1812	4999	3603	1363	2636	3295	3601	6373	43 0	840	35 7	
					8	2251	6209	4475	1547	2992	3740	4087	7233	49 0	1072	62 8	
					10	2533	6985	5034	1648	3186	3983	4353	7703	52 5	1226	88 5	
		155	**22**		**2**	851	2420	1744	806	1545	1925	2102	3691	25 0	392	7 2	BABW 055 155 22 XX 4 LR G2 DDD
					4	1533	4358	3140	1264	2423	3020	3297	5789	34 0	706	17 8	
					6	2127	6048	4359	1625	3115	3883	4238	7443	41 0	990	37 1	
					8	2660	7562	5450	1915	3671	4575	4994	8770	47 0	1252	65 8	
					10	3023	8596	6195	2093	4012	5000	5457	9585	51 0	1436	95 0	
		190	**22**		**2**	1450	4085	2943	1333	2560	3193	3486	6133	31 5	549	11 1	BABW 055 190 22 XX 4 LR G2 DDD
					4	2486	7003	5047	1982	3807	4748	5184	9119	39 0	972	25 9	
					6	3341	9411	6782	2462	4729	5897	6439	11328	46 5	1347	52 8	
					8	4094	11533	8312	2834	5443	6788	7411	13038	52 0	1700	93 0	
					10	4540	12790	9218	3027	5814	7250	7916	13927	55 0	1922	131 5	

Output measured in accordance with EN 1397
Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m^3 / reverberation time 0.5 sec.

model: BT / FT / BF / FF

enter control system code
no control system: (leave blank)
Jaga BMS 0-10V control: D04
Jaga On/off: D08

jaga

CLIMATE
DESIGNERS

BRIZA 22
BUILT-IN CEILING

HYDRONIC CONNECTION

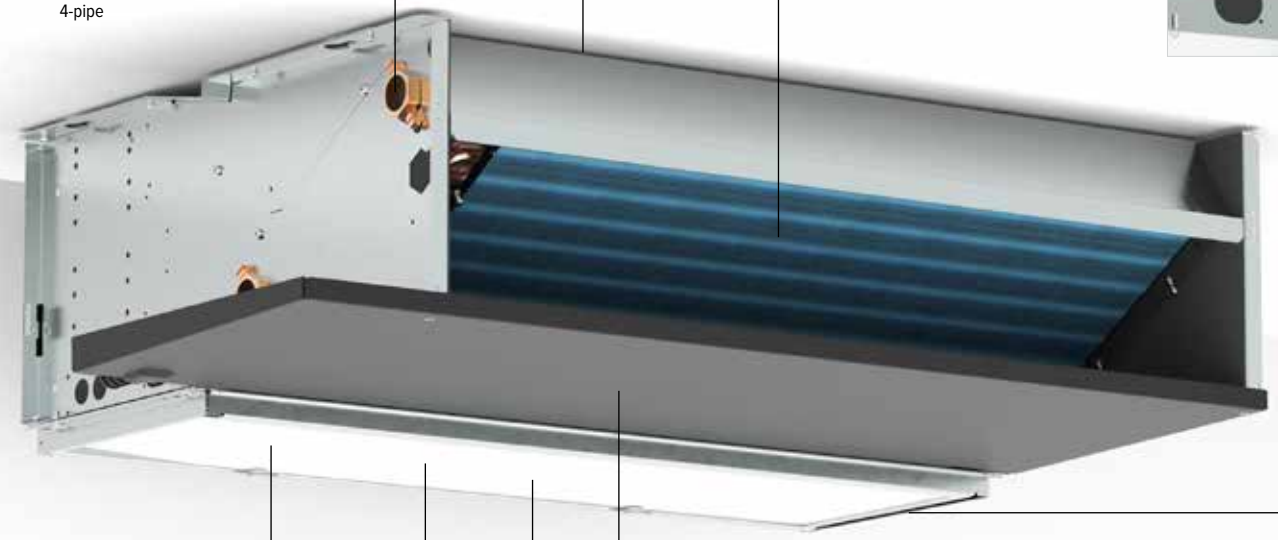
2-pipe

4-pipe

STURDY CASING
manufactured from electro-galvanised steel

HEAT EXCHANGER
with hydrophilic coating for optimum cooling performance

ELECTRICAL CONNECTION



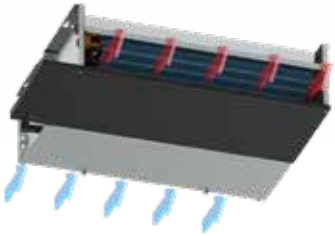
replaceable polypropylene
DUST FILTER (class G2)

METAL CONDENSATE TRAY
with epoxy-polyester coating

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

CENTRIFUGAL FANS
with GreenTech-EC technology: energy efficient, easy operation, low noise level.

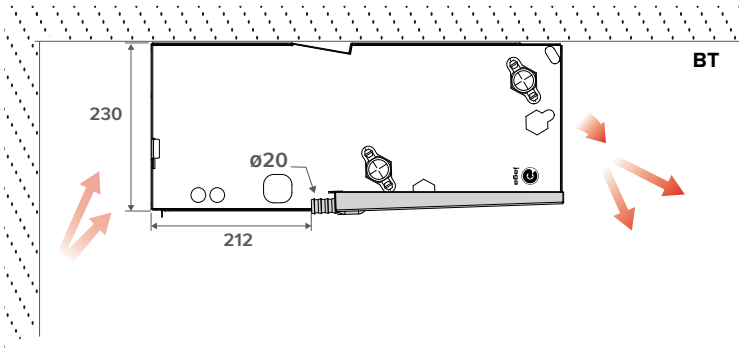
FT

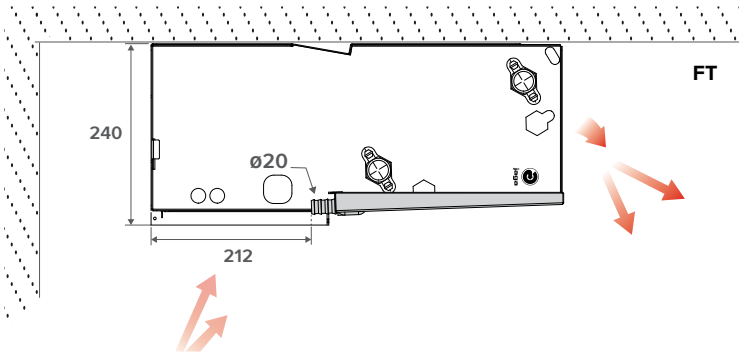


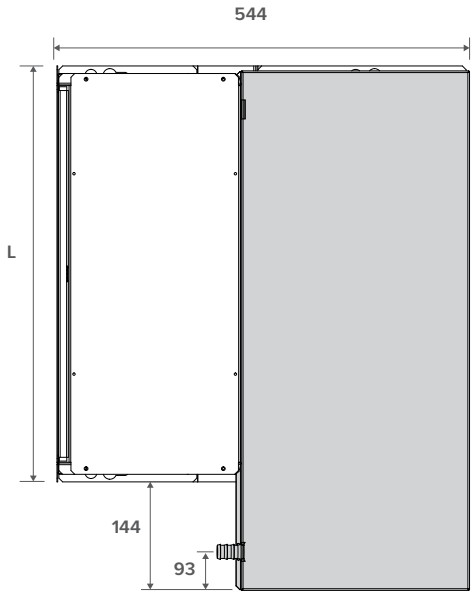
BT

BRIZA 22 BUILT-IN CEILING

DIMENSIONS *(in mm)*







STANDARD DELIVERY

- sturdy casing manufactured from electro-galvanised steell
- aluminium-copper heat exchanger with hydrophilic coating
- centrifugal fan(s) with twin inlet
- condensation tray with drain
- replaceable polypropylene dust filter (class G2)

CONNECTION

Standard

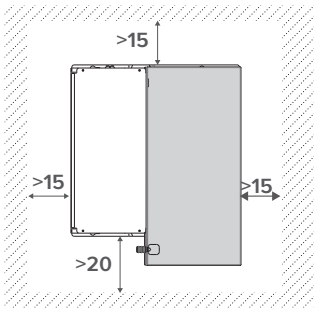
- hydronic connections on the left
  2-pipe Installation: G 3/4" connection
  4-pipe Installation: large heat exchanger: G 3/4" connection
  small heat exchanger: G 1/2" connection
- clamp connector for electric connection 230 VAC, to connect via an external power supply, on the right hand side.

Optional

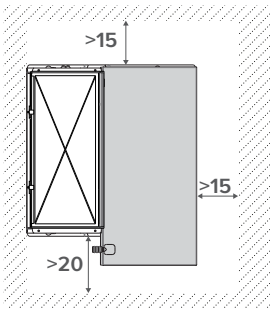
Hydronic right, electric left:
Connection code **RL** instead of **LR** No surcharge

INSTALLATION / FREE SPACE

Briza 22 BT - 'Bottom Top grill'



Briza 22 FT - 'Front Top grill'



ORDER CODE BRIZA 22 BUILT-IN CEILING 2-PIPE

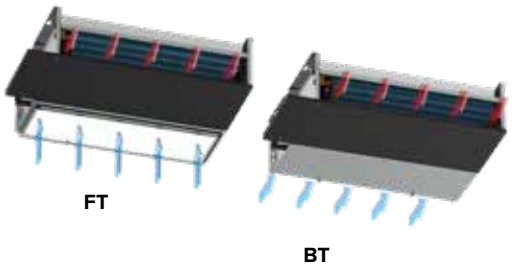
BABC 055 055 22 XX 2 LR G2 DDD

- DDD: *Control:*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D03*
  - *Jaga On/off: D07*
- XX: *Model: BT, FT*
- 055: *Length*

ORDER CODE BRIZA 22 BUILT-IN CEILING 4-PIPE

BABC 055 055 22 XX 4 LR G2 DDD

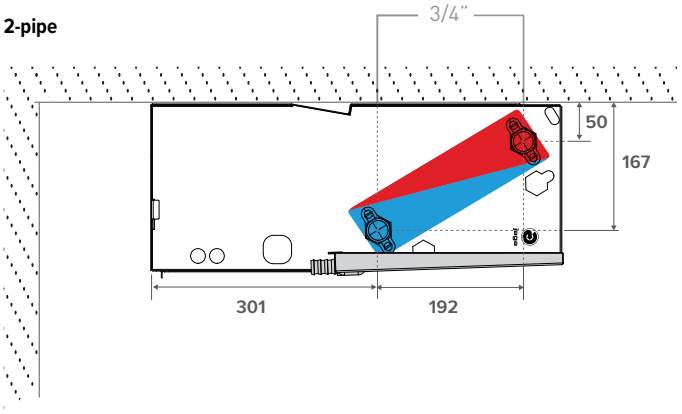
- DDD: *Control:*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D04*
  - *Jaga On/off: D08*
- XX: *Model: BT, FT*
- 055: *Length*



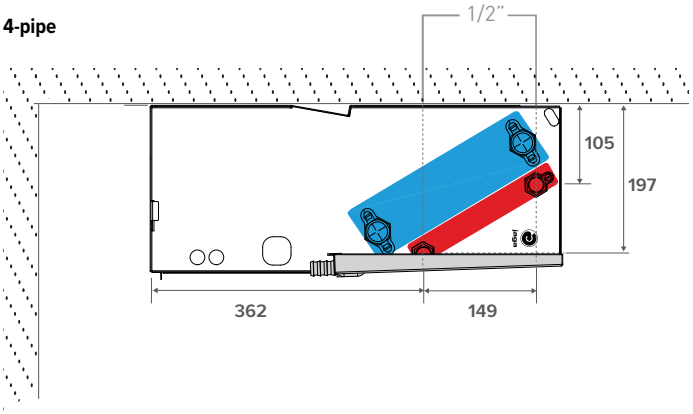
BRIZA 22 BUILT-IN CEILING

DIMENSIONS *(in mm)*

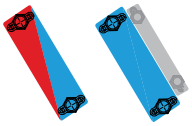
2-pipe



4-pipe



CONNECTION POSSIBILITIES:
LARGE HEAT EXCHANGER 3/4"
2-PIPE & 4-PIPE SYSTEM



Connection set 2-pipe Jaga 3/4 DN20

set 301 **Kv max. 0.8 - 2.5**

TWO PIPE	
CODY WA5 24 0	24 VDC
CODY WA5 23 0	230 VDC

Connection set with 2 lockshield valves 3/4" 180°

set 302 **TWO PIPE**

CODY LO5 00 0

CONNECTION POSSIBILITIES:
SMALL HEAT EXCHANGER 1/2"
4-PIPE SYSTEM

Connection set Jaga 1/2"

set 98 **Kv 1.5 without default setting**

TWO PIPE	
CODY WA4 24 0	24 VDC
CODY WA4 23 0	230 VAC

Connection set with 2 lockshield valves G 1/2"

set 99

CODY LOM 00 0

Stainless steel flexible connections 1/2"

CODE	Length	
7990 068	200 < 260 mm	2 units

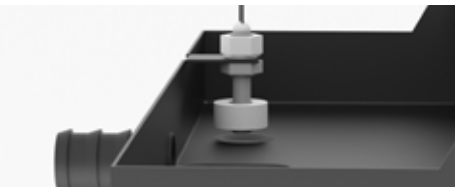
Stainless steel flexible connections 3/4"

CODE	Length	
8776 00010002	300 < 600 mm	2 units

Condensate pump

CODE
8773 0101

Condensate level sensor



sensor for monitoring the condensate level in the condensate collector

CODE
5127 000 100 03

ELECTRICAL CONNECTION

POWER SUPPLIES

⚠ ***Provide 230 VAC for Briza installation. Do you prefer a Jaga controller?***
Then choose one of these 24 VDC power supplies.
Jaga units are only CE: EN-60335 certified with use of the original Jaga power supplies

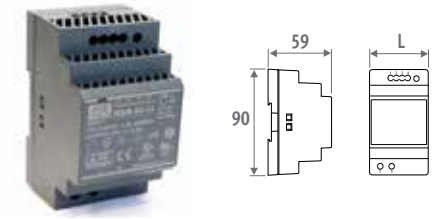
Waterproof power supply 24 VDC with waterproof cable gland

- 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.: BABW 055 055 22 2 LR G2 ***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 *(m)*

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

	CABLE LENGTH *(m)*									
	10	*20*	*30*	*40*	*50*	*60*	*70*	*80*	*90*	*100*
Ø CABLE	NUMBER OF BRIZA 22 L055									
1,5 mm²	255	127	85	63	51	42	36	31	28	25
2,5 mm²	425	212	141	106	85	70	60	53	47	42
	NUMBER OF BRIZA 22 L075									
1,5 mm²	228	114	76	57	45	38	32	28	25	22
2,5 mm²	380	190	126	95	76	63	54	47	42	38
	NUMBER OF BRIZA 22 L095									
1,5 mm²	206	103	68	51	41	34	29	25	22	20
2,5 mm²	343	171	114	85	68	57	49	40	38	34
	NUMBER OF BRIZA 22 L125									
1,5 mm²	120	60	40	30	24	20	17	15	13	12
2,5 mm²	200	100	66	50	40	33	28	25	22	20
	NUMBER OF BRIZA 22 L155									
1,5 mm²	112	56	37	28	22	18	16	14	12	11
2,5 mm²	188	94	62	47	37	31	26	23	20	18
	NUMBER OF BRIZA 22 L190									
1,5 mm²	81	40	27	20	16	13	11	10	9	8
2,5 mm²	135	67	45	33	27	22	19	16	15	13

JAGA CONTROLS (OPTIONAL)

JDPC (JAGA DYNAMIC PRODUCT CONTROLLER)

Control panel

CODE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control - 2-pijp (D03)		-	✓	1	-
Jaga BMS 0-10V control - 4-pijp (D04)		-	✓	2	-
Jaga Aan/uit - 2-pijp (D07)		-	-	1	-
Jaga Aan/uit - 2-pijp (D08)		-	-	2	-

NO JAGA CONTROL SYSTEM

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

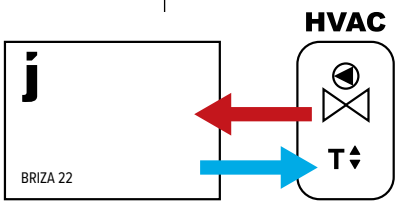
JAGA BMS 0-10V CONTROL

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

JAGA ON/OFF

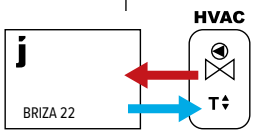
- When heat or cold is requested, a BMS/home automation system will open the thermoelectric valve. The fan will rotate at a fixed speed once the water has reached the setting of 28°C. The fan will rotate at a fixed speed once the water has reached the setting of 18°C.

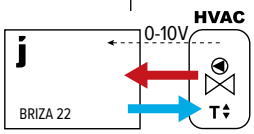
Unit without integrated room temperature control
Fans will start automatically when the external control sends warm/cold water through the radiator



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

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





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

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

	JAGA ON/OFF	JAGA BMS	NO CONTROL SYSTEM
Coding 2-pipe:	D07	D03	/
Coding 4-pipe:	D08	D04	/

UNIT INCLUDING SELECTED CONTROL SYSTEM

ORDERED OPTIONALLY:
- valve set: set 301 or set 302
- Stainless steel flexible connections (in pairs)
- power supply: waterproof swivel nut connector or DIN Rail power supply
- thermostat (0-10V) outside the unit

BRIZA 22 BUILT-IN CEILING

2-PIPE

	HEIGHT	LENGTH	TYPE	MAX. MEASURED CURRENT	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
	H	L	T	I	U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65				
	cm	cm	cm	A	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m^3/h	Watts	
BABC	055	055	22		2	390	939	677	532	978	1202	1305	2213	25 5	134	3 7	BABC 055 055 22 XX 2 LR G2 DDD
					4	674	1685	1214	943	1735	2133	2315	3924	35 0	254	8 7	
					6	866	2256	1626	1231	2265	2784	3022	5122	42 5	355	17 2	
					8	1061	2749	1981	1503	2765	2299	3690	6255	46 5	450	31 1	
					10	1185	2991	2155	1660	3055	3855	4076	6909	51 0	500	41 1	
		075	22		2	508	1445	1041	766	1375	1676	1814	3010	20 5	178	3 8	BABC 055 075 22 XX 2 LR G2 DDD
					4	870	2475	1784	1350	2424	2955	3197	5307	29 5	327	8 8	
					6	1146	3258	2348	1787	3209	3912	4233	7026	39 0	456	17 7	
					8	1372	3901	2811	2139	3841	4683	5067	8409	45 0	579	31 9	
					10	1533	4358	3141	2384	4280	5218	5646	9370	49 0	681	46 4	
		095	22		2	747	1882	1356	960	1776	2188	2377	4049	22 0	247	3 9	BABC 055 095 22 XX 2 LR G2 DDD
					4	1266	3189	2298	1650	3054	3761	4086	6960	29 5	413	9 9	
					6	1675	4221	3042	2200	4072	5015	5448	9281	37 0	565	20 6	
					8	2000	5040	3632	2642	4889	6021	6541	11143	42 5	707	35 9	
					10	2200	5543	3995	2918	5399	6649	7223	12305	46 5	809	51 2	
		125	22		2	787	2172	1565	1340	2426	2965	2311	5366	28 0	334	7 2	BABC 055 12522 XX 2 LR G2 DDD
					4	1367	3771	2718	2304	4170	5097	5520	9224	36 0	614	17 5	
					6	1812	4999	3603	2997	5424	6630	7181	11998	43 0	840	35 7	
					8	2251	6209	4475	3634	6577	8038	8706	14548	49 0	1072	62 8	
					10	2533	6985	5034	4016	7267	8882	9621	16076	52 5	1226	88 5	
		155	22		2	851	2420	1744	1373	2466	3006	3252	5398	25 0	392	7 2	BABC 055 155 22 XX 2 LR G2 DDD
					4	1533	4358	3140	2445	4390	5351	5790	9610	34 0	706	17 8	
					6	2127	6048	4359	3374	6059	7386	7992	13264	41 0	990	37 1	
					8	2660	7562	5450	4202	7547	9199	9954	16520	47 0	1252	65 8	
					10	3023	8596	6195	4765	8558	10432	11287	18733	51 0	1436	95 0	
		190	22		2	1450	4085	2943	2217	3985	4859	5228	8732	31 5	549	11 1	BABC 055 190 22 XX 2 LR G2 DDD
					4	2486	7003	5047	3812	6851	8354	9040	15015	39 0	972	25 9	
					6	3341	9411	6782	5140	9238	11265	12190	20246	46 5	1347	52 8	
					8	4094	11533	8312	6323	11364	13856	14994	24904	52 0	1700	93 0	
					10	4540	12790	9218	7030	12634	15405	16670	27688	55 0	1922	131 5	

Output measured in accordance with EN 1397
Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m^3 / reverberation time 0.5 sec.

model: BT / FT

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

jaga

BRIZA 22 BUILT-IN CEILING

4-PIPE

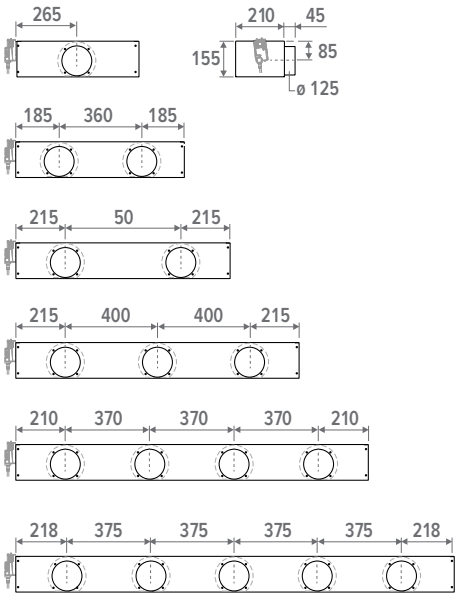
	HEIGHT	LENGTH	TYPE	MAX. MEASURED CURRENT	CONTROL VOLTAGE	COOLING (non-condensing) Room temperature 27°C	COOLING TOTAL Room temperature 27°C	PERCEPTIBLE COOLING Room temperature 27°C	HEATING Room temperature 20°C					SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	ORDER CODE
	H	L	T	I	U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65				
	cm	cm	cm	A	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m^3/h	Watts	
BABC	**055**	**055**	**22**		**2**	390	939	677	281	553	695	761	1367	25 5	134	3 7	BABC 055 055 22 XX 4 LR G2 DDD
					4	674	1685	1214	388	763	959	1050	1886	35 0	254	8 7	
					6	866	2256	1626	465	915	1151	1260	2263	42 5	355	17 2	
					8	1061	2749	1981	529	1040	1308	1432	2575	46 5	450	31 1	
					10	1185	2991	2155	558	1098	1380	1512	2715	51 0	500	41 1	
		075	**22**		**2**	508	1445	1041	343	675	848	929	1667	20 5	178	3 8	BABC 055 075 22 XX 4 LR G2 DDD
					4	870	2475	1784	537	1056	1327	1454	2609	29 5	327	8 8	
					6	1146	3258	2348	661	1299	1633	1788	3210	39 0	456	17 7	
					8	1372	3901	2811	745	1465	1841	2016	3619	45 0	579	31 9	
					10	1533	4358	3141	795	1562	1964	2151	3860	49 0	681	46 4	
		095	**22**		**2**	747	1882	1356	479	947	1193	1308	2359	22 0	247	3 9	BABC 055 095 22 XX 4 LR G2 DDD
					4	1266	3189	2298	656	1376	1733	1900	3427	29 5	413	9 9	
					6	1675	4221	3042	843	1666	2098	2300	4149	37 0	565	20 6	
					8	2000	5040	3632	942	1862	2346	2571	4638	42 5	707	35 9	
					10	2200	5543	3995	995	1968	2479	2717	4901	46 5	809	51 2	
		125	**22**		**2**	787	2172	1565	823	1592	1990	2174	3848	28 0	334	7 2	BABC 055 125 22 XX 4 LR G2 DDD
					4	1367	3771	2718	1146	2216	2770	3027	5357	36 0	614	17 5	
					6	1812	4999	3603	1363	2636	3295	3601	6373	43 0	840	35 7	
					8	2251	6209	4475	1547	2992	3740	4087	7233	49 0	1072	62 8	
					10	2533	6985	5034	1648	3186	3983	4353	7703	52 5	1226	88 5	
		155	**22**		**2**	851	2420	1744	806	1545	1925	2102	3691	25 0	392	7 2	BABC 055 155 22 XX 4 LR G2 DDD
					4	1533	4358	3140	1264	2423	3020	3297	5789	34 0	706	17 8	
					6	2127	6048	4359	1625	3115	3883	4238	7443	41 0	990	37 1	
					8	2660	7562	5450	1915	3671	4575	4994	8770	47 0	1252	65 8	
					10	3023	8596	6195	2093	4012	5000	5457	9585	51 0	1436	95 0	
		190	**22**		**2**	1450	4085	2943	1333	2560	3193	3486	6133	31 5	549	11 1	BABC 055 190 22 XX 4 LR G2 DDD
					4	2486	7003	5047	1982	3807	4748	5184	9119	39 0	972	25 9	
					6	3341	9411	6782	2462	4729	5897	6439	11328	46 5	1347	52 8	
					8	4094	11533	8312	2834	5443	6788	7411	13038	52 0	1700	93 0	
					10	4540	12790	9218	3027	5814	7250	7916	13927	55 0	1922	131 5	

Output measured in accordance with EN 1397
Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m^3 / reverberation time 0.5 sec.

model: BT / FT

enter control system code
no control system: (leave blank)
Jaga BMS 0-10V control: D04
Jaga On/off: D08

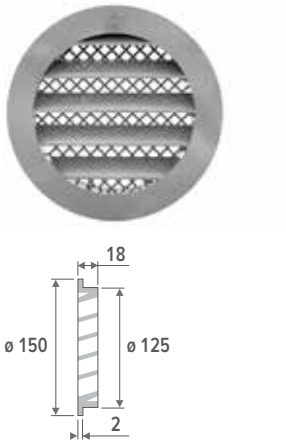
AIR MIXING BOX WITH 0...10V MODULATING MOTOR



- 230 VAC motorised air in take unit, with modulating adjustable damper (damper position determined by modulating 0 ... 10V signal)
- connection ø 12 5 cm
- dark grey painted steel plate - RAL 7024

CODE	L BRIZA 22	# connections
8763 0301	550	1
8763 0302	750	2
8763 0303	950	2
8763 0304	1250	3
8763 0305	1550	4
8763 0306	1900	5

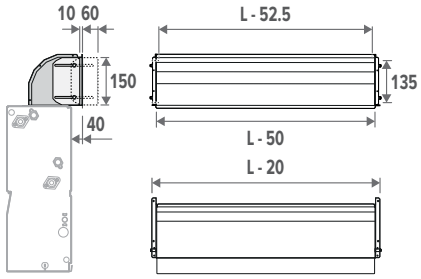
EXTERNAL GRILLE



- natural coloured aluminum external grille ø 12.5 cm
- with fine structured metal anti-vermin grille
- protection against rain

CODE
8776 1750

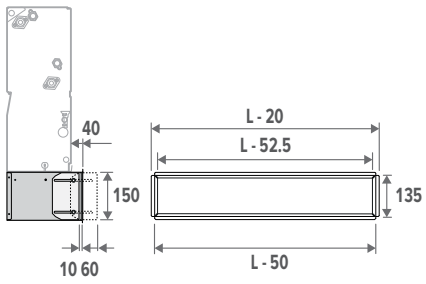
AIR OUTLET CORNER PIECE 90°



- made from galvanised steel plate
- with rubber strip for optimal connection
- with perforations for exhaust grille installation
- height control -1 to + 4 cm

CODE	L BRIZA 22
8788 0101	550
8788 0102	750
8788 0103	950
8788 0104	1250
8788 0105	1550
8788 0106	1900

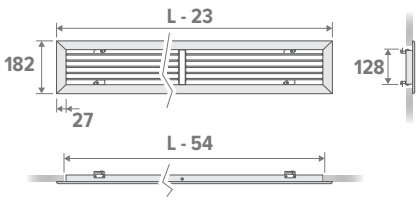
AIR INLET CORNER PIECE 90°



- made from galvanised steel plate
- with rubber strip for optimal connection
- with perforations for exhaust grille installation
- height control -1 to + 4 cm

CODE	L BRIZA 22
8787 0101	550
8787 0102	750
8787 0103	950
8787 0104	1250
8787 0105	1550
8787 0106	1900

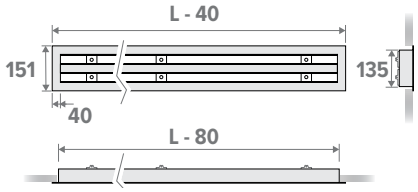
ADJUSTABLE GRILLE FOR 90° CORNER PIECE



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

CODE	L BRIZA 22	Installation opening
8789 201	550	500 x 150
8789 202	750	700 x 150
8789 203	950	900 x 150
8789 204	1250	1200 x 150
8789 205	1550	1500 x 150
8789 206	1900	1850 x 150

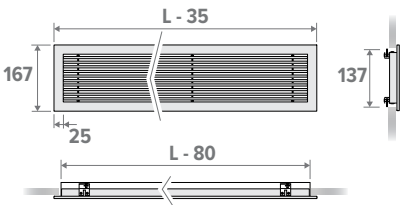
LINEAR SLOT GRILLE FOR 90° CORNER PIECE



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

CODE	L BRIZA 22	Installation opening
8789 225	550	475 x 135
8789 226	750	675 x 135
8789 227	950	875 x 135
8789 228	1250	1175 x 135
8789 229	1550	1475 x 135
8789 230	1900	1825 x 135

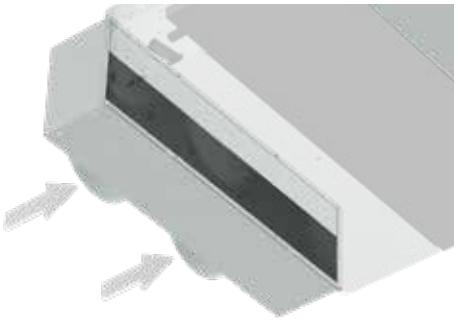
BAR GRILLE FOR 90° CORNER PIECE

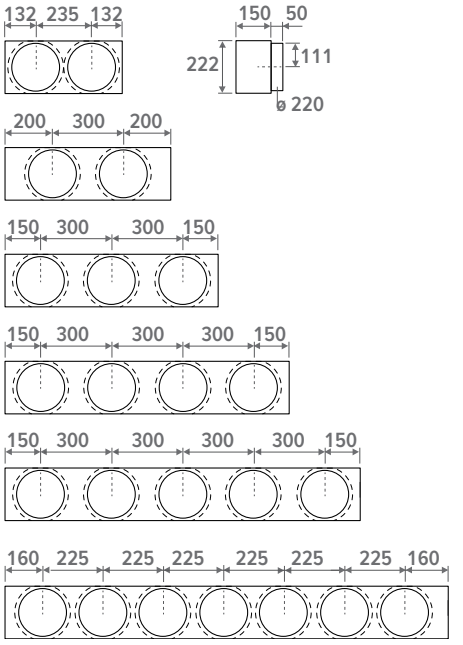


- anodised aluminium grille
- fixed bars
- clamping springs for mounting to wall, ceiling or air diffuser

CODE	L BRIZA 22	Installation opening
8789 215	550	485 x 137
8789 216	750	685 x 137
8789 217	950	885 x 137
8789 218	1250	1185 x 137
8789 219	1550	1485 x 137
8789 220	1900	1835 x 137

AIR INLET PLENUM 180°

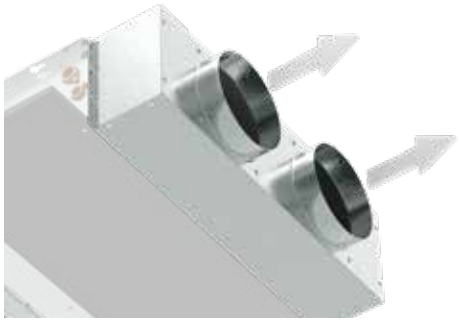


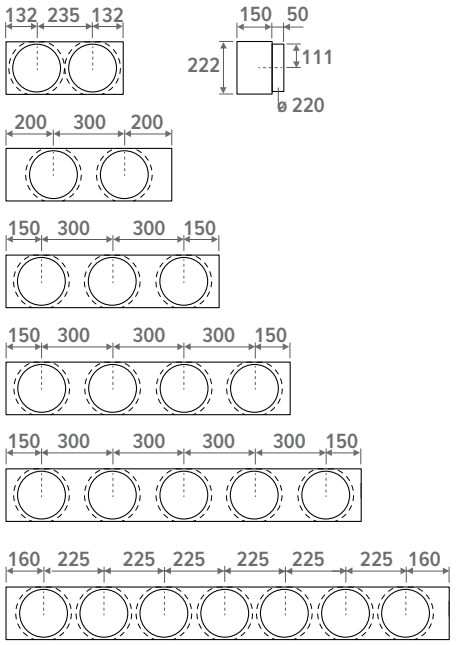


- connection Ø 20cm
- to fit on the air inlet side
- made from galvanised steel plate

CODE	L BRIZA 22	# connections
8764 0501	550	2
8764 0502	750	2
8764 0503	950	3
8764 0504	1250	4
8764 0505	1550	5
8764 0506	1900	7

AIR EXHAUST PLENUM 180°

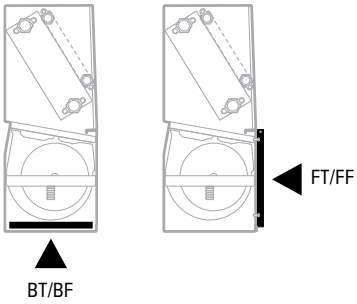




- connection Ø 20cm
- to fit on the air inlet side
- made from galvanised steel plate

CODE	L BRIZA 22	# connections
8764 0601	550	2
8764 0602	750	2
8764 0603	950	3
8764 0604	1250	4
8764 0605	1550	5
8764 0606	1900	7

FILTER

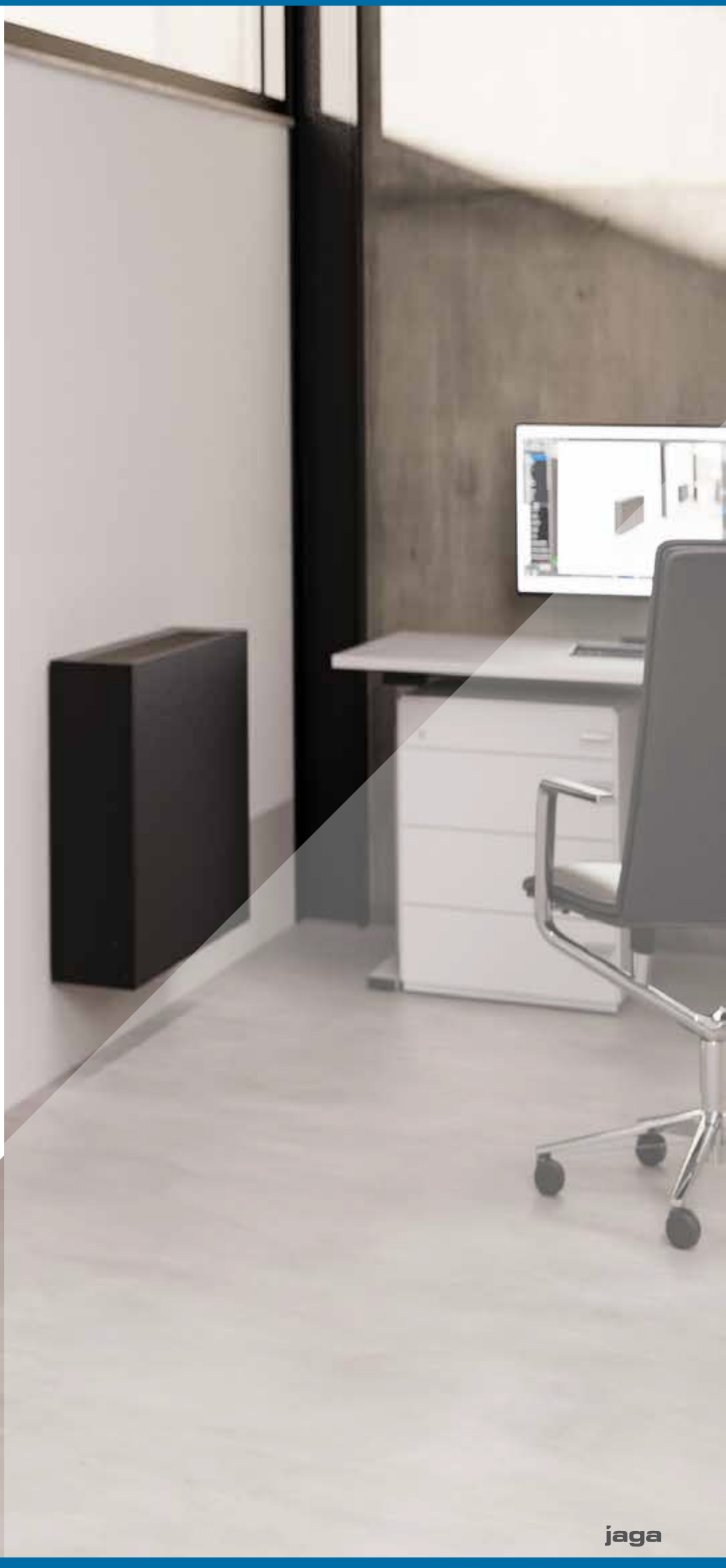


CODE	Length
8721 401	550
8721 402	750
8721 403	950
8721 404	1250
8721 405	1550
8721 406	1900

jaga

CLIMATE
DESIGNERS

BRIZA 22
PLUG&PLAY



STURDY CASING
manufactured from electro-galvanised steel

HYDRONIC CONNECTION

2-pipe

WI-FI THERMOSTAT
with touchscreen and app

ELECTRICAL CONNECTION

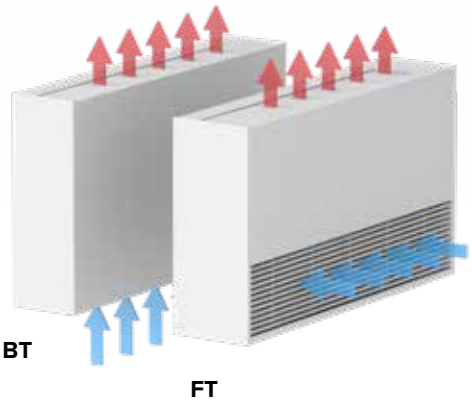
HEAT EXCHANGER
with hydrophilic coating for optimum cooling performance

replaceable polypropylene
DUST FILTER (class G2)

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

METAL CONDENSATE TRAY
with epoxy-polyester coating

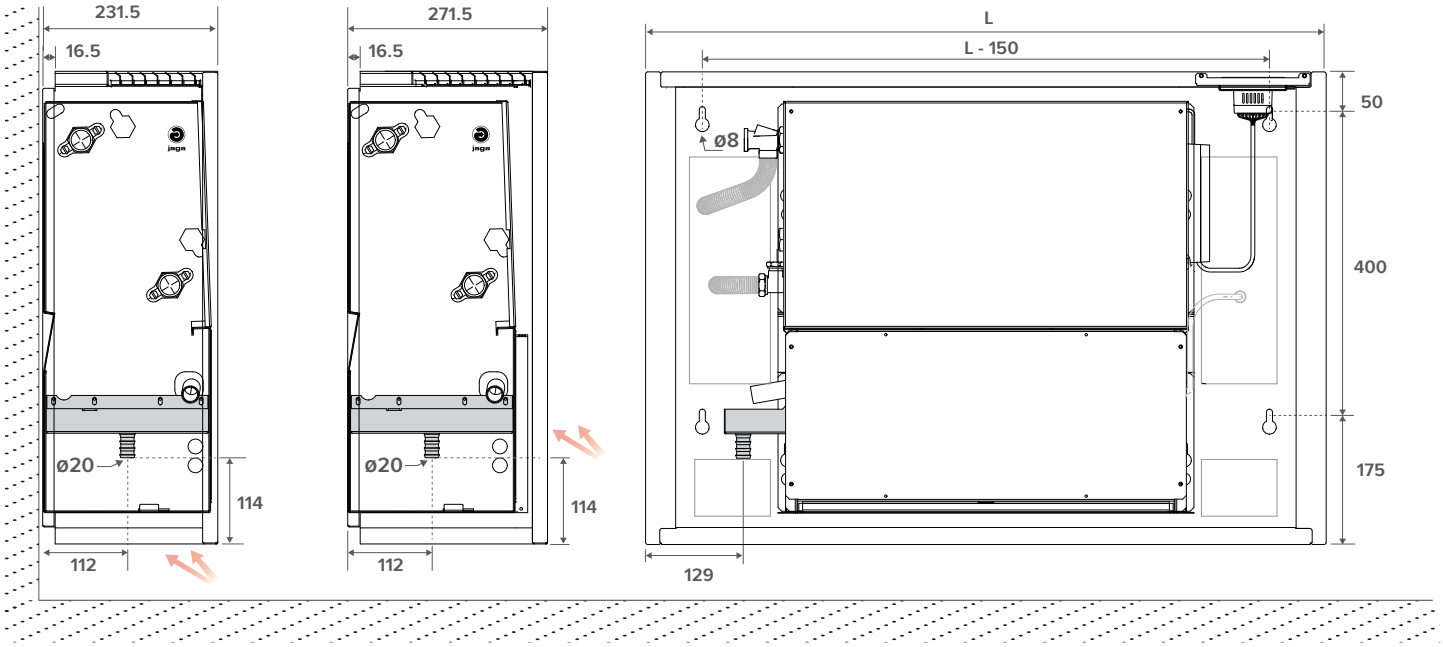
CENTRIFUGAL FANS
with GreenTech-EC technology: energy efficient, easy operation, low noise level.



BRIZA 22 PLUG&PLAY

DIMENSIONS *(in mm)*

BT **FT**



STANDARD DELIVERY

- coated housing in sendzimir galvanised steel plate
- sturdy casing manufactured from electro-galvanised steell
- aluminium-copper heat exchanger with hydrophilic coating
- centrifugal fan(s) with twin inlet
- condensation tray with drain
- replaceable polypropylene dust filter (class G2)
- Wi-Fi thermostat JRT 100TW
- integrated 230 V power supply, with clamp connector
- preassembled valves, connection Eurocone 3/4"

STANDARD COLOURS

Eco-friendly, scratch-resistant powder coating with high UV-resistance

- traffic whiteRAL 9016 (133) Soft touch: finely-textured matte look, gloss degree < 10%
- sandblast grey (001), fine texture metallic lak
- off-black (145) Soft touch: finely-textured matte look, gloss degree < 10%

OTHER COLOURS

See colour chart

CONNECTION

Standard

- hydronic connections on the left
  2-pipe Installation: G 3/4" connection
- clamp connector for electric connection 230 VAC, to connect via an external power supply, on the right hand side.

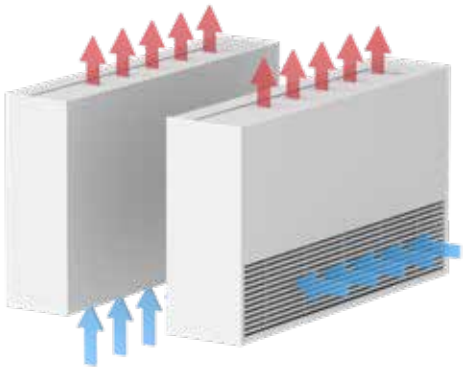
Optional

Hydronic right, electric left:
connection code **RL** instead of **LR**. No surcharge.

ORDER CODE BRIZA 22 PLUG&PLAY

BAMW 063 055 22 XXX XX 2 LR G2 F11 TW

- XX — *Model: BT, FT*
- XXX — *Colour*
- 055 — *Length*

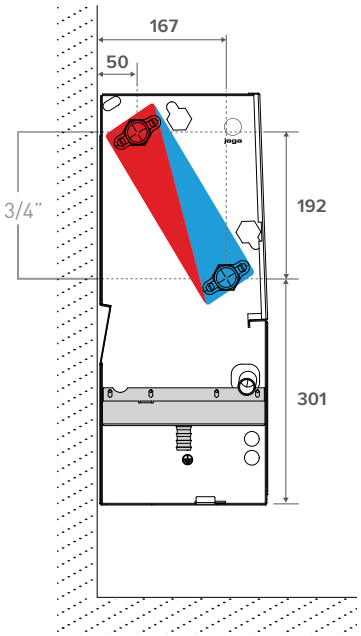


BT

FT

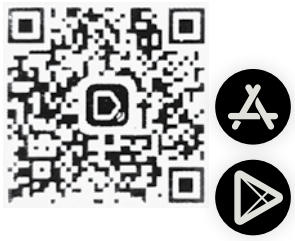
DIMENSIONS *(in mm)*

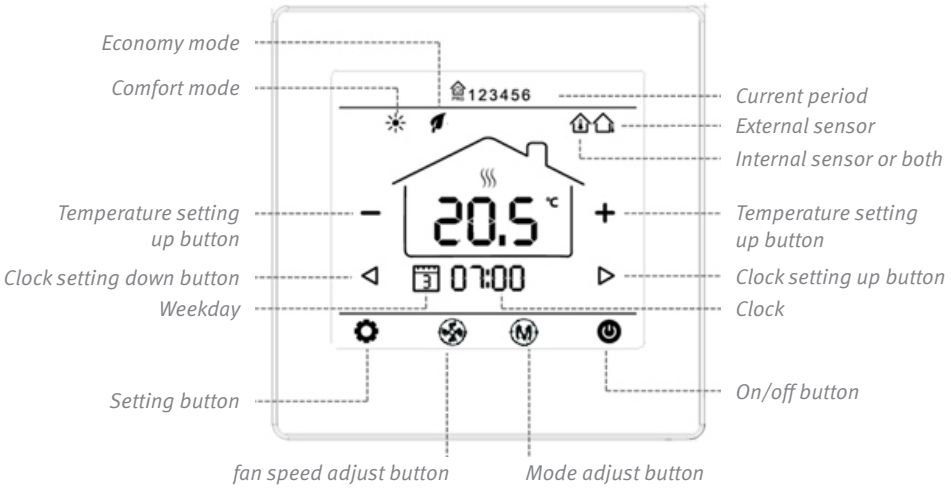
2-pipe



INTEGRATED WI-FI THERMOSTAT (TW)

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





Manual selection of the ideal temperature

Program your weekly program

Select the desired temperature

BRIZA 22 PLUG&PLAY

TECHNICAL TABLE

HEIGHT	LENGTH	TYPE	MAX. MEASURED CURRENT	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
H	L	T	I	U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65				
cm	cm	cm	A	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m^3/h	Watts	
BAMW 063	090	22		2	322	831	594	461	848	1042	1131	1918	25,5	116	3,6	BAMW 063 090 22 XXX XX 2 LR G2 F11 TW
				4	581	1497	1070	839	1545	1898	2061	3493	35,0	221	8,3	
				6	781	2014	1440	1101	2025	2489	2702	4580	42,5	308	16,1	
				8	957	2467	1764	1331	2450	3011	3269	5541	46,5	391	29,0	
				10	1044	2692	1925	1456	2679	3293	3575	6060	51,0	434	38,2	
	110	22		2	446	1279	915	665	1194	1456	1575	2615	20,5	155	3,5	BAMW 063 110 22 XXX XX 2 LR G2 F11 TW
				4	771	2209	1579	1190	2137	2605	2819	4678	29,5	284	8,3	
				6	1023	2933	2097	1593	2861	3488	3774	6264	39,0	396	16,7	
				8	1236	3543	2533	1929	3463	4222	4568	7581	45,0	503	30,1	
				10	1392	3991	2853	2171	3898	4752	5141	8533	49,0	591	43,8	
	130	22		2	636	1616	1155	813	1505	1854	2014	3430	22,0	215	3,8	BAMW 063 130 22 XXX XX 2 LR G2 F11 TW
				4	1104	2804	2005	1435	2655	3270	3552	6051	29,5	359	9,3	
				6	1483	3767	2694	1942	3594	4426	4808	8190	37,0	491	19,1	
				8	1794	4557	3258	2361	4370	5381	5846	9959	42,5	614	33,5	
				10	1992	5060	3618	2631	4869	5997	6515	11098	46,5	703	47,8	
	160	22		2	694	1930	1380	1180	2135	2609	2826	4722	28,0	290	7,0	BAMW 063 160 22 XXX XX 2 LR G2 F11 TW
				4	1203	3345	2392	2038	3689	4509	4884	8160	36,0	534	16,6	
				6	1597	4439	3174	2667	4827	5899	6390	10677	43,0	730	33,9	
				8	1987	5524	3949	3256	5893	7203	7802	13036	49,0	931	59,4	
				10	2239	6224	4450	3617	6546	8000	8665	14479	52,5	1065	83,5	
	190	22		2	737	2112	1510	1193	2143	2612	2826	4691	25,0	341	7,0	BAMW 063 190 22 XXX XX 2 LR G2 F11 TW
				4	1334	3823	2733	2133	3830	4668	5051	8383	34,0	614	16,9	
				6	1857	5322	3805	2952	5301	6462	6992	11605	41,0	860	34,8	
				8	2327	6670	4769	3686	6620	8069	8731	14491	47,0	1088	61,8	
				10	2650	7595	5430	4188	7520	9167	9919	16462	51,0	1247	89,2	
	225	22		2	1266	3594	2570	1936	3479	4242	4590	7624	31,5	477	10,7	BAMW 063 225 22 XXX XX 2 LR G2 F11 TW
				4	2181	6194	4428	3341	6005	7322	7924	13160	39,0	845	25,0	
				6	2944	8360	5977	4522	8128	9911	10725	17812	46,5	1170	50,1	
				8	3624	10291	7358	5584	10035	12237	13242	21993	52,0	1477	87,9	
				10	4031	11446	8183	6223	11184	13638	14758	24511	55,0	1670	125,3	

Output measured in accordance with EN 1397
Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m^3 / reverberation time 0.5 sec.

enter colour code

model: BT FT

jaga

jaga

CLIMATE
DESIGNERS

BRIZA 22
WALL MOUNTED
MODEL

HYDRONIC CONNECTION

2-pipe

4-pipe

HEAT EXCHANGER
with hydrophilic coating for optimum cooling performance

STURDY CASING
manufactured from electro-galvanised steel

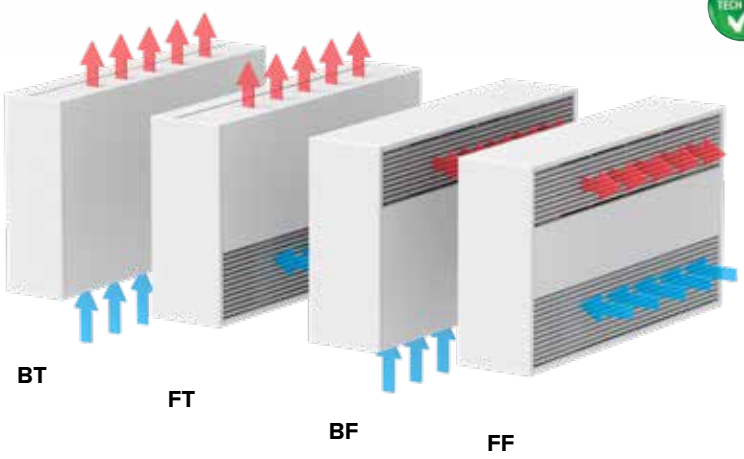
ELECTRICAL CONNECTION

replaceable polypropylene
DUST FILTER (class G2)

METAL CONDENSATE TRAY
with epoxy-polyester coating

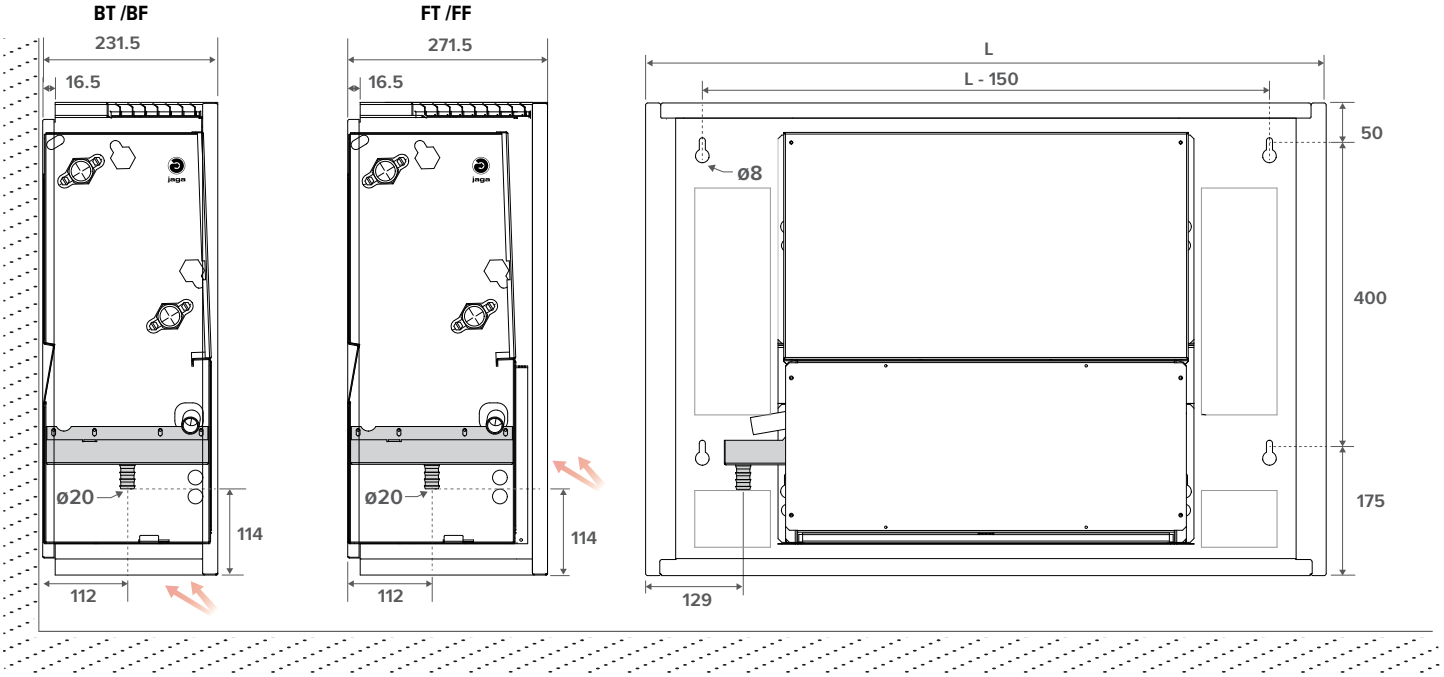
BUILT-IN EC MOTOR
for a much lower energy consumption and a longer service life

CENTRIFUGAL FANS
with GreenTech-EC technology: energy efficient, easy operation, low noise level.



BRIZA 22 WALL-MOUNTED MODEL

DIMENSIONS *(in mm)*



STANDARD DELIVERY

- coated housing in sendzimir galvanised steel plate
- sturdy casing manufactured from electro-galvanised steell
- aluminium-copper heat exchanger with hydrophilic coating
- centrifugal fan(s) with twin inlet
- condensation tray with drain
- replaceable polypropylene dust filter (class G2)

STANDARD COLOURS

Eco-friendly, scratch-resistant powder coating with high UV-resistance

- traffic white RAL 9016 (133) Soft touch:
  finely-textured matte look, gloss degree < 10%
- sandblast grey (001), fine texture metallic lak
- off-black (145) Soft touch: finely-textured matte look, gloss degree < 10%

OTHER COLOURS

See colour chart

CONNECTION

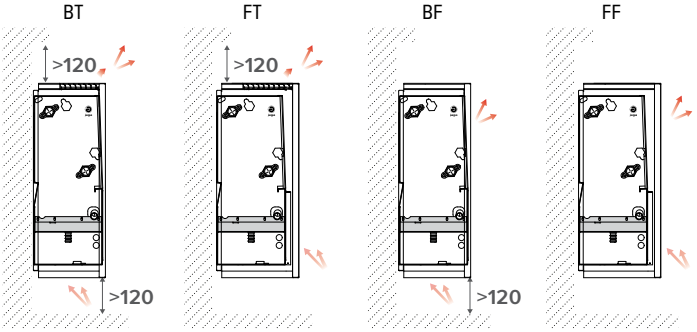
Standard

- hydronic connections on the left
  2-pipe Installation: G 3/4" connection
  4-pipe Installation: large heat exchanger: G 3/4" connection
  small heat exchanger: G 1/2" connection
- clamp connector for electric connection 230 VAC, to connect via an external power supply, on the right hand side.

Optional

Hydronic right, electric left:
Connection code **RL** instead of **LR**. No surcharge.

INSTALLATION / FREE SPACE



ORDER CODE BRIZA 22 WALL-MOUNTED MODEL 2-PIPE

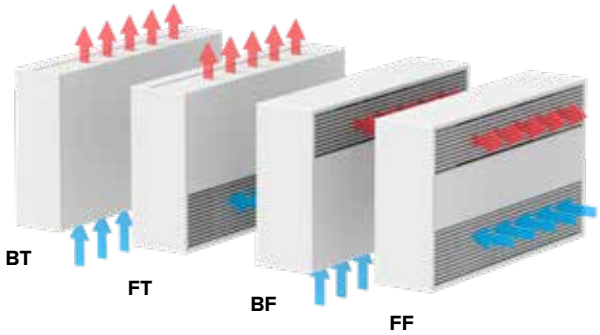
BAMW 063 055 22 XXX XX 2 LR G2 DDD

- *Control:*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D03*
  - *Jaga 3 settings controller: D05*
  - *Jaga On/off: D07*
- *Model: BT, FT, BF, FF*
- *Colour*
- *Length*

ORDER CODE BRIZA 22 WALL-MOUNTED MODEL 4-PIPE

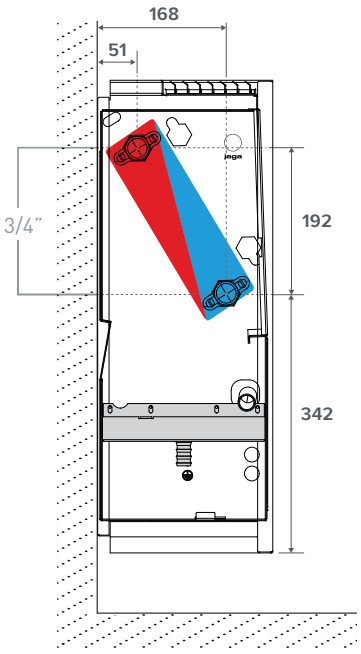
BAMW 063 055 22 XXX XX 4 LR G2 DDD

- *Control:*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D04*
  - *Jaga 3 settings controller: D06*
  - *Jaga On/off: D08*
- *Model: BT, FT, BF, FF*
- *Colour*
- *Length*

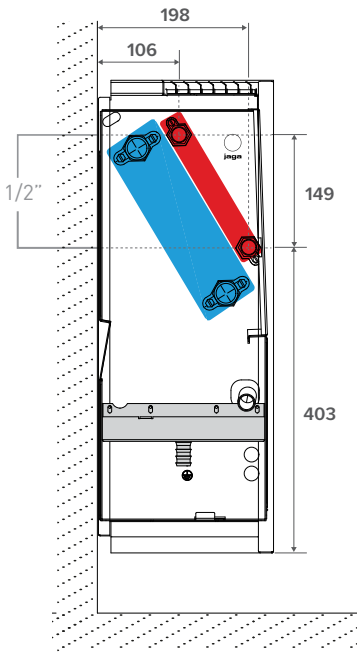


DIMENSIONS *(in mm)*

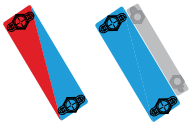
2-pijp



4-pijp



CONNECTION POSSIBILITIES:
LARGE HEAT EXCHANGER 3/4"
2-PIPE & 4-PIPE SYSTEM



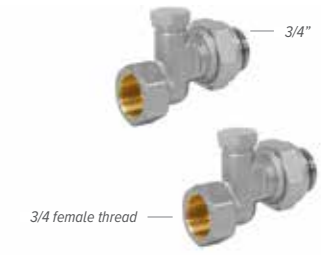
CONNECTION POSSIBILITIES:
SMALL HEAT EXCHANGER 1/2"
4-PIPE SYSTEM

Connection set 2-pipe Jaga 3/4 DN20

set 301 **Kv max. 0.8 - 2.5**

TWO PIPE	
CODY WA5 24 0	24 VDC
CODY WA5 23 0	230 VDC

Connection set with 2 lockshield valves 3/4" 180°



set 302 **TWO PIPE**

CODY LO5 00 0

Connection set Jaga 1/2"

set 98 **Kv 1.5 without default setting**

TWO PIPE	
CODY WA4 24 0	24 VDC
CODY WA4 23 0	230 VAC

Connection set with 2 lockshield valves G 1/2"

set 99

CODY LOM 00 0

Stainless steel flexible connections 1/2"

CODE	Length	
7990 068	200 < 260 mm	2 units

Stainless steel flexible connections 3/4"

CODE	Length	
8776 00010002	300 < 600 mm	2 units

ELECTRICAL CONNECTION

POWER SUPPLIES

⚠ ***Provide 230 VAC for Briza installation. Do you prefer a Jaga controller?***
Then choose one of these 24 VDC power supplies.
Jaga units are only CE: EN-60335 certified with use of the original Jaga power supplies

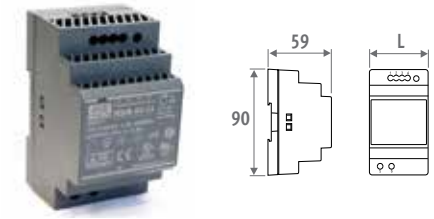
Waterproof power supply 24 VDC with waterproof cable gland

- 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.: BABW 055 055 22 2 LR G2 ***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 *(m)*

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

	CABLE LENGTH *(m)*									
	10	*20*	*30*	*40*	*50*	*60*	*70*	*80*	*90*	*100*
Ø CABLE	NUMBER OF BRIZA 22 L055									
1,5 mm²	255	127	85	63	51	42	36	31	28	25
2,5 mm²	425	212	141	106	85	70	60	53	47	42
	NUMBER OF BRIZA 22 L075									
1,5 mm²	228	114	76	57	45	38	32	28	25	22
2,5 mm²	380	190	126	95	76	63	54	47	42	38
	NUMBER OF BRIZA 22 L095									
1,5 mm²	206	103	68	51	41	34	29	25	22	20
2,5 mm²	343	171	114	85	68	57	49	40	38	34
	NUMBER OF BRIZA 22 L125									
1,5 mm²	120	60	40	30	24	20	17	15	13	12
2,5 mm²	200	100	66	50	40	33	28	25	22	20
	NUMBER OF BRIZA 22 L155									
1,5 mm²	112	56	37	28	22	18	16	14	12	11
2,5 mm²	188	94	62	47	37	31	26	23	20	18
	NUMBER OF BRIZA 22 L190									
1,5 mm²	81	40	27	20	16	13	11	10	9	8
2,5 mm²	135	67	45	33	27	22	19	16	15	13

JAGA STURINGEN (OPTIONAL)

JDPC (JAGA DYNAMIC PRODUCT CONTROLLER)

Control panel

CODE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control - 2-pijp (D03)		-	✓	1	-
Jaga BMS 0-10V control - 4-pijp (D04)		-	✓	2	-
Jaga 3 settings controller - 2-pijp (D05)		1	-	1	-
Jaga 3 settings controller - 4-pijp (D06)		1	-	2	-

NO JAGA CONTROL SYSTEM

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

JAGA BMS 0-10V CONTROL

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

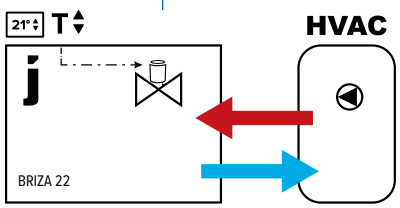
JAGA 3 SETTINGS CONTROLLER

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

BRIZA 22 WALL-MOUNTED MODEL WHICH JAGA CONTROL SYSTEM TO CHOOSE

Would you like the unit to have room temperature control?

Yes, unit with integrated room temperature control
Fans will start automatically when the internal control sends warm/cold water through the radiator.



Plug & Play

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

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

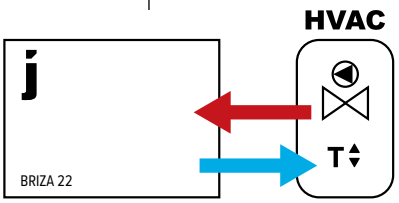
JAGA TW

Coding 2-pipe: F11 TW
Coding 4-pipe: /

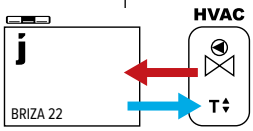
UNIT INCLUDED
- valve set
- power supply
- integrated temperature regulation (JRT 100 TW)

(Order sleeve couplings 3/4" Eurocone seperate)

No, unit without integrated room temperature control
Fans will start automatically when the external control sends warm/cold water through the radiator



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

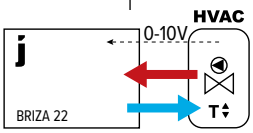


Choose 1 of 3 fan speeds (speed will not adjust, depending on room temperature)

JAGA 3 SETTINGS CONTROLLER

Coding 2-pipe: D05
Coding 4-pipe: D06

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



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

JAGA BMS

Coding 2-pipe: D03
Coding 4-pipe: D04

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

NO CONTROL SYSTEM

Coding 2-pipe: /
Coding 4-pipe: /

UNIT INCLUDING SELECTED CONTROL SYSTEM

ORDERED OPTIONALLY:
- valve set: set 301 or set 302
- Stainless steel flexible connections (in pairs)
- power supply: waterproof swivel nut connector or DIN Rail power supply
- thermostat (0-10V) outside the unit

BRIZA 22 WALL MOUNTED MODEL

2-PIPE

	HEIGHT	LENGTH	TYPE	MAX. MEASURED CURRENT	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
	H	L	T	I	U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65				
	cm	cm	cm	A	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m^3/h	Watts	
BAMW	063	090	22		2	322	831	594	461	848	1042	1131	1918	25,5	116	3,6	BAMW 063 090 22 XXX XX 2 LR G2 DDD
					4	581	1497	1070	839	1545	1898	2061	3493	35,0	221	8,3	
					6	781	2014	1440	1101	2025	2489	2702	4580	42,5	308	16,1	
					8	957	2467	1764	1331	2450	3011	3269	5541	46,5	391	29,0	
					10	1044	2692	1925	1456	2679	3293	3575	6060	51,0	434	38,2	
		110	22		2	446	1279	915	665	1194	1456	1575	2615	20,5	155	3,5	BAMW 063 110 22 XXX XX 2 LR G2 DDD
					4	771	2209	1579	1190	2137	2605	2819	4678	29,5	284	8,3	
					6	1023	2933	2097	1593	2861	3488	3774	6264	39,0	396	16,7	
					8	1236	3543	2533	1929	3463	4222	4568	7581	45,0	503	30,1	
					10	1392	3991	2853	2171	3898	4752	5141	8533	49,0	591	43,8	
		130	22		2	636	1616	1155	813	1505	1854	2014	3430	22,0	215	3,8	BAMW 063 130 22 XXX XX 2 LR G2 DDD
					4	1104	2804	2005	1435	2655	3270	3552	6051	29,5	359	9,3	
					6	1483	3767	2694	1942	3594	4426	4808	8190	37,0	491	19,1	
					8	1794	4557	3258	2361	4370	5381	5846	9959	42,5	614	33,5	
					10	1992	5060	3618	2631	4869	5997	6515	11098	46,5	703	47,8	
		160	22		2	694	1930	1380	1180	2135	2609	2826	4722	28,0	290	7,0	BAMW 063 160 22 XXX XX 2 LR G2 DDD
					4	1203	3345	2392	2038	3689	4509	4884	8160	36,0	534	16,6	
					6	1597	4439	3174	2667	4827	5899	6390	10677	43,0	730	33,9	
					8	1987	5524	3949	3256	5893	7203	7802	13036	49,0	931	59,4	
					10	2239	6224	4450	3617	6546	8000	8665	14479	52,5	1065	83,5	
		190	22		2	737	2112	1510	1193	2143	2612	2826	4691	25,0	341	7,0	BAMW 063 190 22 XXX XX 2 LR G2 DDD
					4	1334	3823	2733	2133	3830	4668	5051	8383	34,0	614	16,9	
					6	1857	5322	3805	2952	5301	6462	6992	11605	41,0	860	34,8	
					8	2327	6670	4769	3686	6620	8069	8731	14491	47,0	1088	61,8	
					10	2650	7595	5430	4188	7520	9167	9919	16462	51,0	1247	89,2	
		225	22		2	1266	3594	2570	1936	3479	4242	4590	7624	31,5	477	10,7	BAMW 063 225 22 XXX XX 2 LR G2 DDD
					4	2181	6194	4428	3341	6005	7322	7924	13160	39,0	845	25,0	
					6	2944	8360	5977	4522	8128	9911	10725	17812	46,5	1170	50,1	
					8	3624	10291	7358	5584	10035	12237	13242	21993	52,0	1477	87,9	
					10	4031	11446	8183	6223	11184	13638	14758	24511	55,0	1670	125,3	

Output measured in accordance with EN 1397
Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m^3 / reverberation time 0.5 sec.

enter colour code
model: BT / FT / BF / FF
enter control system code
no control system: (leave blank)
Jaga BMS 0-10V control: D03
Jaga 3 settings controller: D05

jaga

BRIZA 22 WALL MOUNTED MODEL

4-PIPE

	HEIGHT	LENGTH	TYPE	MAX. MEASURED CURRENT	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
	H	L	T	I	U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65				
	cm	cm	cm	A	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m^3/h	Watts	
BAMW 063		**090**	**22**		**2**	322	831	594	264	520	653	716	1285	25,5	116	3,6	BAMW 063 090 22 XXX XX 4 LR G2 DDD
					4	581	1497	1070	360	708	890	974	1749	35,0	221	8,3	
					6	781	2014	1440	431	847	1065	1167	2095	42,5	308	16,1	
					8	957	2467	1764	491	965	1213	1329	2385	46,5	391	29,0	
					10	1044	2692	1925	519	1021	1283	1406	2524	51,0	434	38,2	
		110	**22**		**2**	446	1279	915	307	603	758	830	1490	20,5	155	3,5	BAMW 063 110 22 XXX XX 4 LR G2 DDD
					4	771	2209	1579	487	958	1204	1318	2366	29,5	284	8,3	
					6	1023	2933	2097	608	1196	1503	1646	2955	39,0	396	16,7	
					8	1236	3543	2533	696	1369	1721	1885	3382	45,0	503	30,1	
					10	1392	3991	2853	752	1478	1858	2035	3652	49,0	591	43,8	
		130	**22**		**2**	636	1616	1155	429	847	1067	1170	2110	22,0	215	3,8	BAMW 063 130 22 XXX XX 4 LR G2 DDD
					4	1104	2804	2005	632	1250	1574	1725	3112	29,5	359	9,3	
					6	1483	3767	2694	777	1536	1934	2120	3825	37,0	491	19,1	
					8	1794	4557	3258	881	1741	2193	2404	4336	42,5	614	33,5	
					10	1992	5060	3618	940	1858	2340	2565	4627	46,5	703	47,8	
		160	**22**		**2**	694	1930	1380	767	1484	1855	2027	3587	28,0	290	7,0	BAMW 063 160 22 XXX XX 4 LR G2 DDD
					4	1203	3345	2392	1059	2048	2560	2798	4951	36,0	534	16,6	
					6	1597	4439	3174	1262	2440	3050	3333	5898	43,0	730	33,9	
					8	1987	5524	3949	1440	2785	3481	3805	6733	49,0	931	59,4	
					10	2239	6224	4450	1542	2983	3729	4075	7211	52,5	1065	83,5	
		190	**22**		**2**	737	2112	1510	725	1390	1732	1891	3320	25,0	341	7,0	BAMW 063 190 22 XXX XX 4 LR G2 DDD
					4	1334	3823	2733	1135	2176	2712	2960	5199	34,0	614	16,9	
					6	1857	5322	3805	1466	2810	3502	3822	6713	41,0	860	34,8	
					8	2327	6670	4769	1738	3332	4152	4533	7960	47,0	1088	61,8	
					10	2650	7595	5430	1910	3661	4563	4981	8748	51,0	1247	89,2	
		225	**22**		**2**	1266	3594	2570	1211	2326	2901	3167	5572	31,5	477	10,7	BAMW 063 225 22 XXX XX 4 LR G2 DDD
					4	2181	6194	4428	1798	3454	4307	4703	8273	39,0	845	25,0	
					6	2944	8360	5977	2246	4314	5381	5875	10335	46,5	1170	50,1	
					8	3624	10291	7358	2608	5009	6247	6821	12000	52,0	1477	87,9	
					10	4031	11446	8183	2805	5387	6718	7335	12904	55,0	1670	125,3	

Output measured in accordance with EN 1397
Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/room volume 100 m^3 / reverberation time 0.5 sec.

BAMW 063 225 22 XXX XX 4 LR G2 DDD

enter colour code
model: BT / FT / BF / FF

enter control system code
no control system: (leave blank)
Jaga BMS 0-10V control: D04
Jaga 3 settings controller: D06

jaga

CLIMATE
DESIGNERS

BRIZA 22
CEILING MOUNTED
MODEL

HYDRONIC CONNECTION

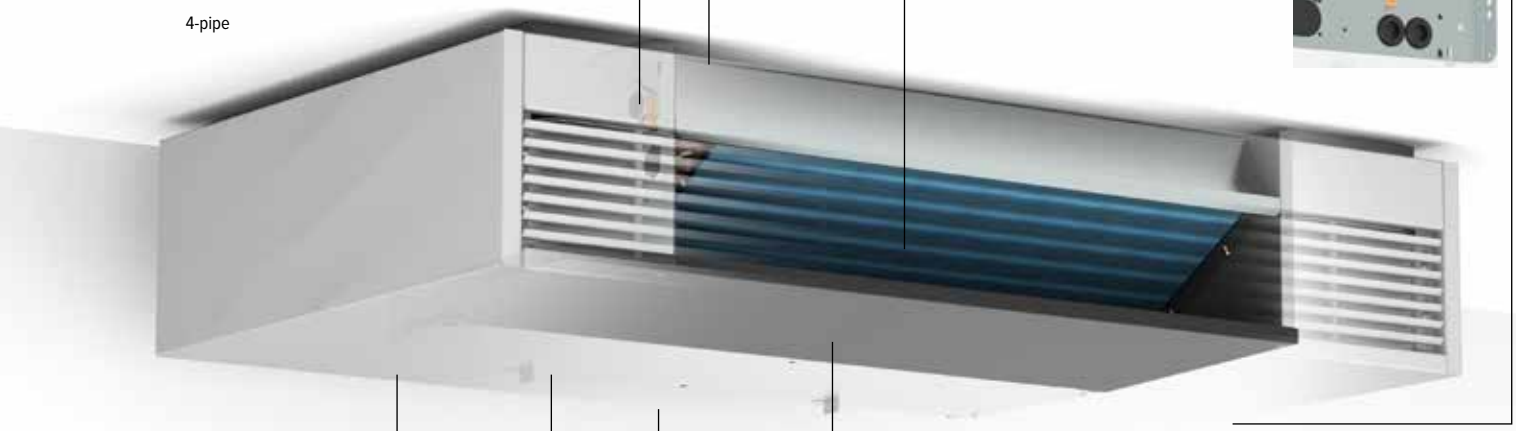
2-pipe

4-pipe

STURDY CASING
manufactured from electro-galvanised steel

HEAT EXCHANGER
with hydrophilic coating for optimum cooling performance

ELECTRICAL CONNECTION

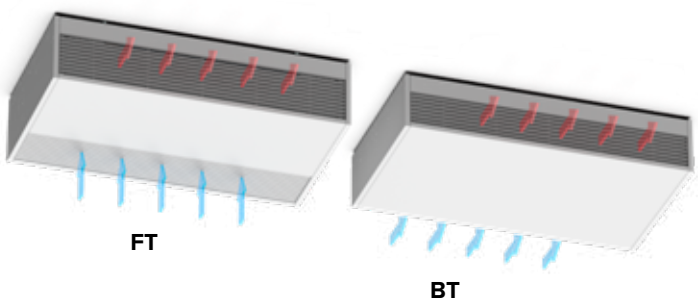


replaceable polypropylene
DUST FILTER (class G2)

METAL CONDENSATE TRAY
with epoxy-polyester coating

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

CENTRIFUGAL FANS
with GreenTech-EC technology: energy efficient, easy operation, low noise level.

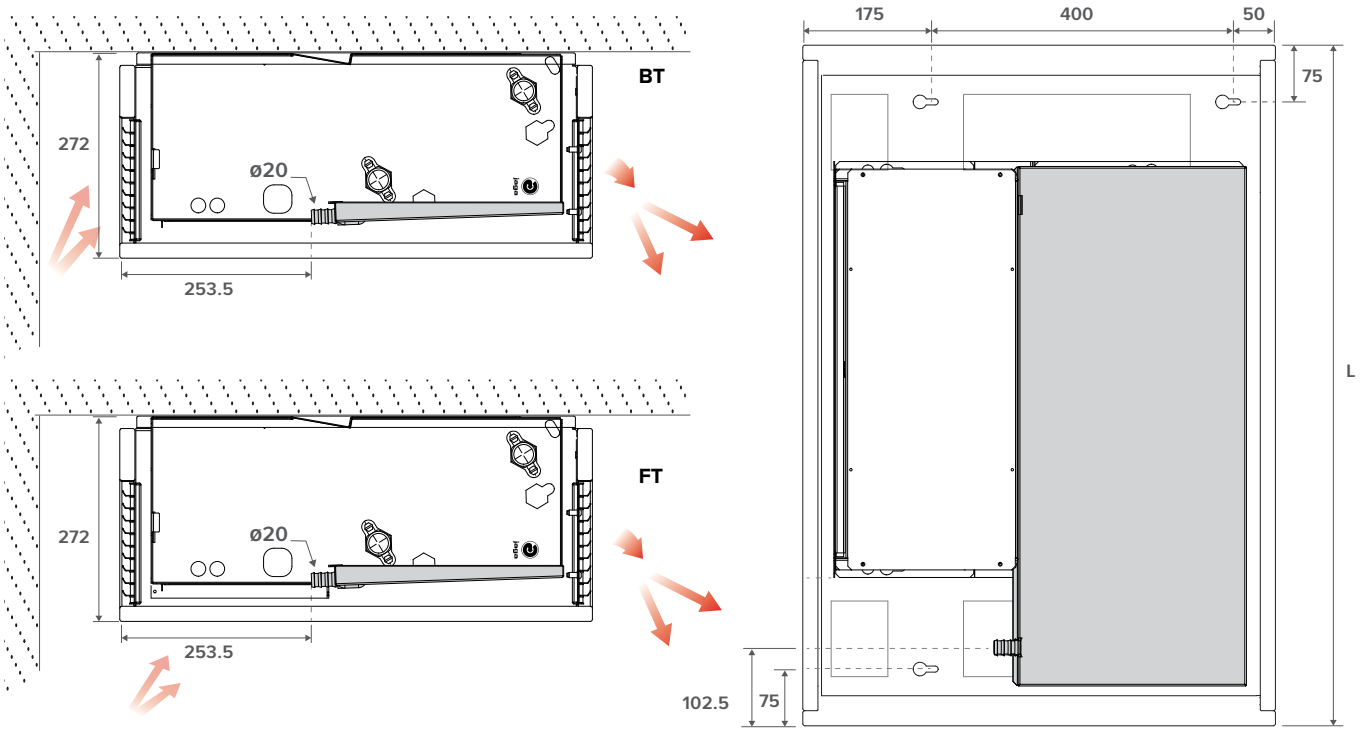


FT

BT

BRIZA 22 CEILING MOUNTED MODEL

DIMENSIONS *(in mm)*



STANDARD DELIVERY

- coated casing made from Sendzimir galvanised steel sheet
- sturdy casing manufactured from electro-galvanised steell
- aluminium-copper heat exchanger with hydrophilic coating
- centrifugal fan(s) with twin inlet
- condensation tray with drain
- replaceable polypropylene dust filter (class G2)

STANDARD COLOURS

Eco-friendly, scratch-resistant powder coating with high UV-resistance

- traffic whiteRAL 9016 (133) Soft touch: finely-textured matte look, gloss degree < 10%
- sandblast grey (001), fine texture metallic lak
- off-black (145) Soft touch: finely-textured matte look, gloss degree < 10%

OTHER COLOURS

See colour chart

CONNECTION

Standard

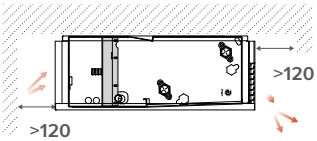
- hydronic connections on the left
  2-pipe Installation: G 3/4" connection
  4-pipe Installation: large heat exchanger: G 3/4" connection
  small heat exchanger: G 1/2" connection
- clamp connector for electric connection 230 VAC, to connect via an external power supply, on the right hand side.

Optional

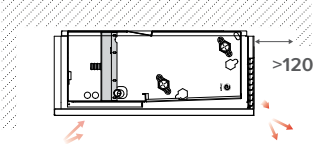
Hydronic right, electric left:
Connection code **RL** instead of **LR**. No surcharge.

INSTALLATION / FREE SPACE

BT



FT



ORDER CODE BRIZA 22 CEILING MOUNTED MODEL 2-PIPE

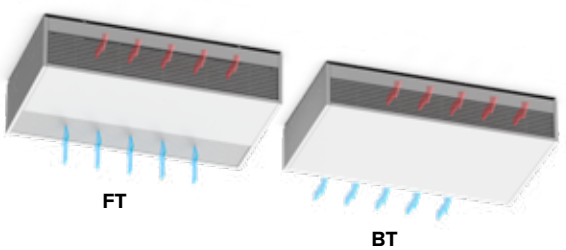
BAMC 063 055 22 XXX XX 2 LR G2 DDD

- DDD — *Control:*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D03*
  - *Jaga On/off: D07*
- XX — *Model: BT, FT*
- XXX — *Colour*
- 055 — *Length*

ORDER CODE BRIZA 22 CEILING MOUNTED MODEL 4-PIPE

BAMC 063 055 22 XXX XX 4 LR G2 DDD

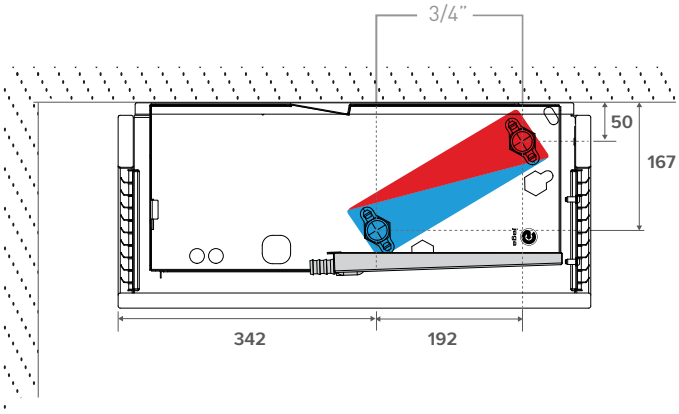
- DDD — *Control:*
  - *No control system: (leave blank)*
  - *Jaga BMS 0-10V control: D04*
  - *Jaga On/off: D08*
- XX — *Model: BT, FT*
- XXX — *Colour*
- 055 — *Length*



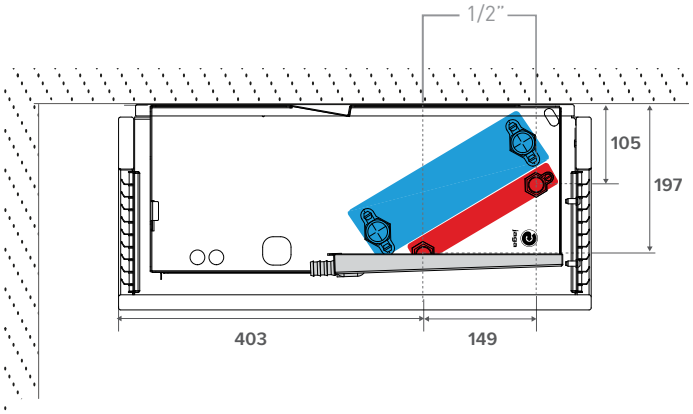
BRIZA 22 CEILING MOUNTED MODEL

DIMENSIONS *(in mm)*

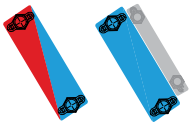
2-pipe



4-pipe



CONNECTION POSSIBILITIES:
LARGE HEAT EXCHANGER 3/4"
2-PIPE & 4-PIPE SYSTEM

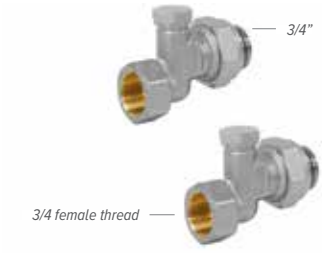


Connection set 2-pipe Jaga 3/4 DN20

set 301 **Kv max. 0.8 - 2.5**

TWO PIPE	
CODY WA5 24 0	24 VDC
CODY WA5 23 0	230 VDC

Connection set with 2 lockshield valves 3/4" 180°



set 302 **TWO PIPE**

CODY LO5 00 0

CONNECTION POSSIBILITIES:
SMALL HEAT EXCHANGER 1/2"
4-PIPE SYSTEM

Connection set Jaga 1/2"

set 98 **Kv 1.5 without default setting**

TWO PIPE	
CODY WA4 24 0	24 VDC
CODY WA4 23 0	230 VAC

Connection set with 2 lockshield valves G 1/2"

set 99

CODY LOM 00 0

Stainless steel flexible connections 1/2"

CODE	Length	
7990 068	200 < 260 mm	2 units

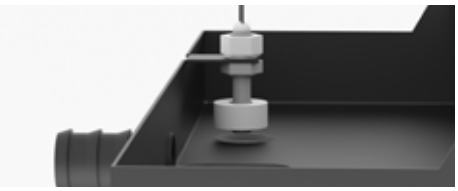
Stainless steel flexible connections 3/4"

CODE	Length	
8776 00010002	300 < 600 mm	2 units

Condensate pump

CODE
8773 0101

Condensate level sensor



sensor for monitoring the condensate level in the condensate collector

CODE
5127 000 100 03

ELECTRICAL CONNECTION

POWER SUPPLIES

Provide 230 VAC for Briza installation. Do you prefer a Jaga controller? Then choose one of these 24 VDC power supplies. Jaga units are only CE: EN-60335 certified with use of the original Jaga power supplies

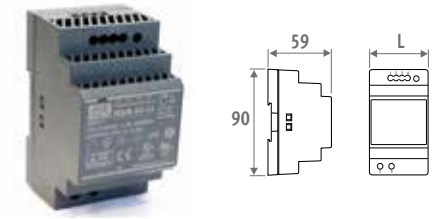
Waterproof power supply 24 VDC with waterproof cable gland

- 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.: BABW 055 055 22 2 LR G2 ***P***

Power supply DIN-rail assembly



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

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

MAXIMUM CABLE LENGTH

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

	CABLE LENGTH *(m)*									
	10	*20*	*30*	*40*	*50*	*60*	*70*	*80*	*90*	*100*
Ø CABLE	NUMBER OF BRIZA 22 L055									
1,5 mm²	255	127	85	63	51	42	36	31	28	25
2,5 mm²	425	212	141	106	85	70	60	53	47	42
	NUMBER OF BRIZA 22 L075									
1,5 mm²	228	114	76	57	45	38	32	28	25	22
2,5 mm²	380	190	126	95	76	63	54	47	42	38
	NUMBER OF BRIZA 22 L095									
1,5 mm²	206	103	68	51	41	34	29	25	22	20
2,5 mm²	343	171	114	85	68	57	49	40	38	34
	NUMBER OF BRIZA 22 L125									
1,5 mm²	120	60	40	30	24	20	17	15	13	12
2,5 mm²	200	100	66	50	40	33	28	25	22	20
	NUMBER OF BRIZA 22 L155									
1,5 mm²	112	56	37	28	22	18	16	14	12	11
2,5 mm²	188	94	62	47	37	31	26	23	20	18
	NUMBER OF BRIZA 22 L190									
1,5 mm²	81	40	27	20	16	13	11	10	9	8
2,5 mm²	135	67	45	33	27	22	19	16	15	13

JAGA STURINGEN (OPTIONAL)

JDPC (JAGA DYNAMIC PRODUCT CONTROLLER)

Control panel

CODE	POSITION	CONTROL PANEL	EXTERNAL 0-10 V CONTROL	WATER TEMPERATURE SENSOR	AIR TEMPERATURE SENSOR
Jaga BMS 0-10V control - 2-pipe (D03)		-	✓	1	-
Jaga BMS 0-10V control - 4-pipe (D04)		-	✓	2	-
Jaga On/off - 2-pipe (D07)		-	-	1	-
Jaga On/off - 4-pipe (D08)		-	-	2	-

NO JAGA CONTROL SYSTEM

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

JAGA BMS 0-10V CONTROL

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

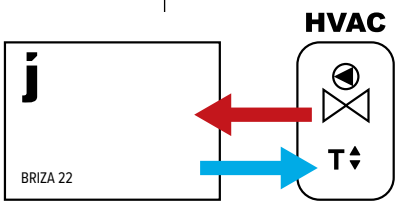
JAGA ON/OFF

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

BRIZA 22 CEILING MOUNTED MODEL

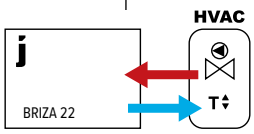
WHICH JAGA CONTROL SYSTEM TO CHOOSE

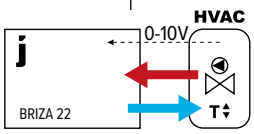
Unit without integrated room temperature control
Fans will start automatically when the external control sends warm/cold water through the radiator



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

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





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

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

	JAGA ON/OFF	JAGA BMS	NO CONTROL SYSTEM
Coding 2-pipe:	D07	D03	/
Coding 4-pipe:	D08	D04	/

UNIT INCLUDING SELECTED CONTROL SYSTEM

ORDERED OPTIONALLY:
- valve set: set 301 or set 302
- Stainless steel flexible connections (in pairs)
- power supply: waterproof swivel nut connector or DIN Rail power supply
- thermostat (0-10V) outside the unit

BRIZA 22 CEILING MOUNTED MODEL

2-PIPE

	HEIGHT	LENGTH	TYPE	MAX. MEASURED CURRENT	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
	H	L	T	I	U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65				
	cm	cm	cm	A	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m^3/h	Watts	
BAMC	**063**	**090**	**22**		**2**	322	831	594	461	848	1042	1131	1918	25.5	116	3.6	BAMC 063 090 22 XXX XX 2 LR G2 DDD
					4	581	1497	1070	839	1545	1898	2061	3493	35.0	221	8.3	
					6	781	2014	1440	1101	2025	2489	2702	4580	42.5	308	16.1	
					8	957	2467	1764	1331	2450	3011	3269	5541	46.5	391	29.0	
					10	1044	2692	1925	1456	2679	3293	3575	6060	51.0	434	38.2	
		110	**22**		**2**	446	1279	915	665	1194	1456	1575	2615	20.5	155	3.5	BAMC 063 110 22 XXX XX 2 LR G2 DDD
					4	771	2209	1579	1190	2137	2605	2819	4678	29.5	284	8.3	
					6	1023	2933	2097	1593	2861	3488	3774	6264	39.0	396	16.7	
					8	1236	3543	2533	1929	3463	4222	4568	7581	45.0	503	30.1	
					10	1392	3991	2853	2171	3898	4752	5141	8533	49.0	591	43.8	
		130	**22**		**2**	636	1616	1155	813	1505	1854	2014	3430	22.0	215	3.8	BAMC 063 130 22 XXX XX 2 LR G2 DDD
					4	1104	2804	2005	1435	2655	3270	3552	6051	29.5	359	9.3	
					6	1483	3767	2694	1942	3594	4426	4808	8190	37.0	491	19.1	
					8	1794	4557	3258	2361	4370	5381	5846	9959	42.5	614	33.5	
					10	1992	5060	3618	2631	4869	5997	6515	11098	46.5	703	47.8	
		160	**22**		**2**	694	1930	1380	1180	2135	2609	2826	4722	28.0	290	7.0	BAMC 063 160 22 XXX XX 2 LR G2 DDD
					4	1203	3345	2392	2038	3689	4509	4884	8160	36.0	534	16.6	
					6	1597	4439	3174	2667	4827	5899	6390	10677	43.0	730	33.9	
					8	1987	5524	3949	3256	5893	7203	7802	13036	49.0	931	59.4	
					10	2239	6224	4450	3617	6546	8000	8665	14479	52.5	1065	83.5	
		190	**22**		**2**	737	2112	1510	1193	2143	2612	2826	4691	25.0	341	7.0	BAMC 063 190 22 XXX XX 2 LR G2 DDD
					4	1334	3823	2733	2133	3830	4668	5051	8383	34.0	614	16.9	
					6	1857	5322	3805	2952	5301	6462	6992	11605	41.0	860	34.8	
					8	2327	6670	4769	3686	6620	8069	8731	14491	47.0	1088	61.8	
					10	2650	7595	5430	4188	7520	9167	9919	16462	51.0	1247	89.2	
		225	**22**		**2**	1266	3594	2570	1936	3479	4242	4590	7624	31.5	477	10.7	BAMC 063 225 22 XXX XX 2 LR G2 DDD
					4	2181	6194	4428	3341	6005	7322	7924	13160	39.0	845	25.0	
					6	2944	8360	5977	4522	8128	9911	10725	17812	46.5	1170	50.1	
					8	3624	10291	7358	5584	10035	12237	13242	21993	52.0	1477	87.9	
					10	4031	11446	8183	6223	11184	13638	14758	24511	55.0	1670	125.3	

Output measured in accordance with EN 1397
Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/ room volume 100 m³ / reverberation time 0.5 sec.

enter colour code

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

jaga

BRIZA 22 CEILING MOUNTED MODEL

4-PIPE

	HEIGHT	LENGTH	TYPE	MAX. MEASURED CURRENT	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
	H	L	T	I	U	16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65				
	cm	cm	cm	A	V	Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)	m^3/h	Watts	
BAMC	**063**	**090**	**22**		**2**	322	831	594	264	520	653	716	1285	25.5	116	3.6	BAMC 063 090 22 XXX XX 4 LR G2 DDD
					4	581	1497	1070	360	708	890	974	1749	35.0	221	8.3	
					6	781	2014	1440	431	847	1065	1167	2095	42.5	308	16.1	
					8	957	2467	1764	491	965	1213	1329	2385	46.5	391	29.0	
					10	1044	2692	1925	519	1021	1283	1406	2524	51.0	434	38.2	
		110	**22**		**2**	446	1279	915	307	603	758	830	1490	20.5	155	3.5	BAMC 063 110 22 XXX XX 4 LR G2 DDD
					4	771	2209	1579	487	958	1204	1318	2366	29.5	284	8.3	
					6	1023	2933	2097	608	1196	1503	1646	2955	39.0	396	16.7	
					8	1236	3543	2533	696	1369	1721	1885	3382	45.0	503	30.1	
					10	1392	3991	2853	752	1478	1858	2035	3652	49.0	591	43.8	
		130	**22**		**2**	636	1616	1155	429	847	1067	1170	2110	22.0	215	3.8	BAMC 063 130 22 XXX XX 4 LR G2 DDD
					4	1104	2804	2005	632	1250	1574	1725	3112	29.5	359	9.3	
					6	1483	3767	2694	777	1536	1934	2120	3825	37.0	491	19.1	
					8	1794	4557	3258	881	1741	2193	2404	4336	42.5	614	33.5	
					10	1992	5060	3618	940	1858	2340	2565	4627	46.5	703	47.8	
		160	**22**		**2**	694	1930	1380	767	1484	1855	2027	3587	28.0	290	7.0	BAMC 063 160 22 XXX XX 4 LR G2 DDD
					4	1203	3345	2392	1059	2048	2560	2798	4951	36.0	534	16.6	
					6	1597	4439	3174	1262	2440	3050	3333	5898	43.0	730	33.9	
					8	1987	5524	3949	1440	2785	3481	3805	6733	49.0	931	59.4	
					10	2239	6224	4450	1542	2983	3729	4075	7211	52.5	1065	83.5	
		190	**22**		**2**	737	2112	1510	725	1390	1732	1891	3320	25.0	341	7.0	BAMC 063 190 22 XXX XX 4 LR G2 DDD
					4	1334	3823	2733	1135	2176	2712	2960	5199	34.0	614	16.9	
					6	1857	5322	3805	1466	2810	3502	3822	6713	41.0	860	34.8	
					8	2327	6670	4769	1738	3332	4152	4533	7960	47.0	1088	61.8	
					10	2650	7595	5430	1910	3661	4563	4981	8748	51.0	1247	89.2	
		225	**22**		**2**	1266	3594	2570	1211	2326	2901	3167	5572	31.5	477	10.7	BAMC 063 225 22 XXX XX 4 LR G2 DDD
					4	2181	6194	4428	1798	3454	4307	4703	8273	39.0	845	25.0	
					6	2944	8360	5977	2246	4314	5381	5875	10335	46.5	1170	50.1	
					8	3624	10291	7358	2608	5009	6247	6821	12000	52.0	1477	87.9	
					10	4031	11446	8183	2805	5387	6718	7335	12904	55.0	1670	125.3	

Output measured in accordance with EN 1397
Noise measurement according to ISO 3741:2010, at a 2-m distance from the unit and with an assumed room attenuation of 8 dB(A)/ room volume 100 m^3 / reverberation time 0.5 sec.

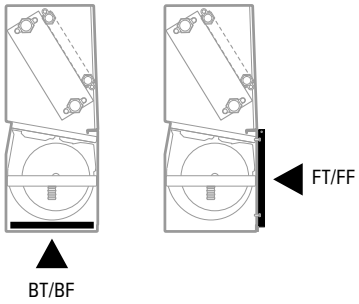
BAMC 063 225 22 XXX XX 4 LR G2 DDD

enter colour code

enter control system code
no control system: (leave blank)
Jaga BMS 0-10V control: D04
Jaga On/off: D08

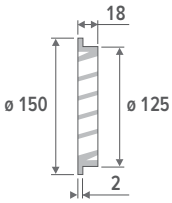
BRIZA 22 COMPOSITION

FILTER



CODE	Length
8721 401	550
8721 402	750
8721 403	950
8721 404	1250
8721 405	1550
8721 406	1900

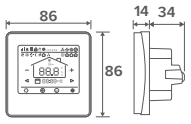
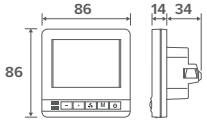
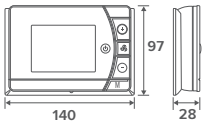
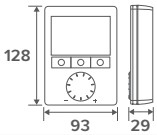
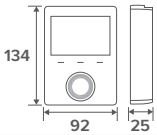
EXTERNAL GRILLE



- natural coloured aluminum external grille ø 12.5 cm
- with fine structured metal anti-vermin grille
- protection against rain

CODE
8776 1750

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

	JRT-100 TB / TW	JRT-100	JRT-200	RDG 160T	RDG264KN
POWER SUPPLY					
supply voltage	24V DC	24V DC	24V DC	24V DC	24V DC
OUTPUT / INPUT VOLTAGE					
valve 24V DC contact	2 (NO)	2 (NO)	-	-	-
potential-free contact	-	-	2 (NO)	3 (NO)	3 (NO)
input from keycard	-	-	✓	✓	✓
input from window contact	-	-	-	✓	✓
fan (0 - 10 V DC)	max. +/- 10 mA	max. +/- 10 mA	max. +/- 10 mA	max. +/- 5 mA	max. +/- 5 mA
manual 3-position speed controller	✓	✓	✓	✓	✓
automatic mode	✓	✓	✓	✓	✓
APPLICATIONS					
2-pipe					
manual (H/C)	✓	✓	✓	✓	✓
auto (H/C) - water temperature sensor required	-	-	-	✓	✓
4-pipe					
manual (H/C)	✓	✓	✓	✓	✓
auto (H/C)	✓	✓	✓	✓	✓
DIMENSIONS					
for wall mounting	-	-	✓	✓	✓
for recessed-mounting	✓	✓	optional	optional	optional
					
POSITION					
LCD display with backlight	-	✓	✓	✓	✓
LCD touch screen with backlight	✓	-	-	-	-
protection category IP20	-	-	-	-	-
protection category IP30	✓	✓	✓	✓	✓
Integrated CO2-sensor	-	-	-	-	✓
humidity sensor	-	-	-	-	✓
FEATURES					
programmable time zones	✓	✓	✓	✓	✓
control via Wi-Fi (smartphone app)	✓	-	-	-	-
fan start delay	-	-	-	✓	✓
continuous fan speed	-	-	-	✓	✓
temperature sensor 80 cm	✓	✓	optional	optional	optional

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

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

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

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

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

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

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

GUIDELINE FOR LIMITING FLOW NOISE

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

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

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

1. POWER SUPPLY

Option 1: component power (inside the unit)

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

2. THERMOSTATIC VALVE

Option 1: on the tap (inside the unit)

Option 2: on the collector (outside the unit)

3. CHOICE OF CONTROL SYSTEM

Option 1: thermostat JRT-100TW

Option 2: thermostat JRT-100

Option 3: thermostat JRT-200

Option 4: thermostat RDG 160T

Option 5: home automation

4. HYDRONIC

Option 1: two-pipe system

Option 2: 4-pipe system

5. TEMPERATURE MONITORING

Option 1: with temperature monitoring

Option 2: without temperature monitoring

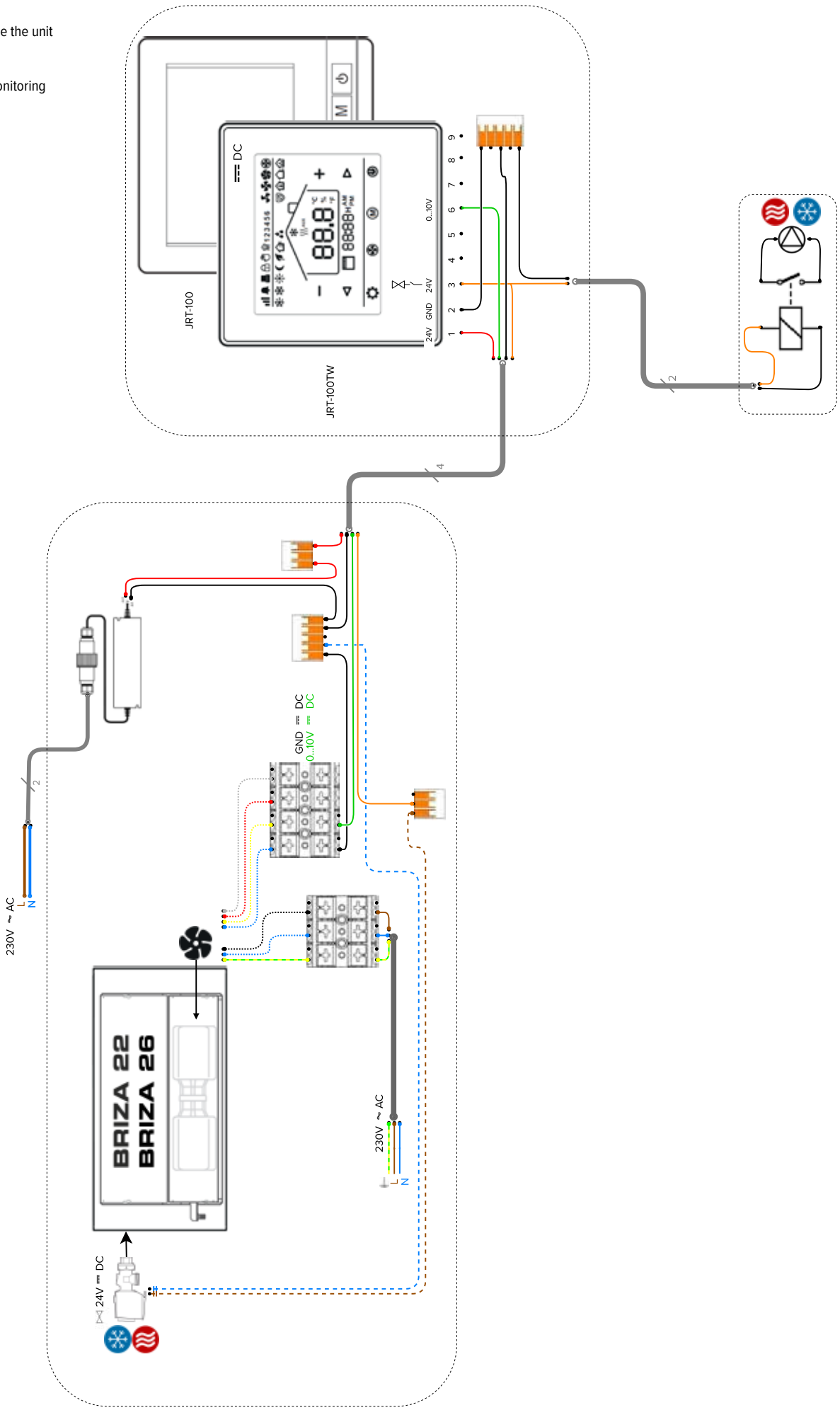
6. UNITS / ZONE

Option 1: one unit

Option 2: multiple units

BRIZA 22: SAMPLE DIAGRAM 1

- component power
- thermostatic valve inside the unit
- JRT-100
- 2-pipe
- without temperature monitoring
- 1 unit per area



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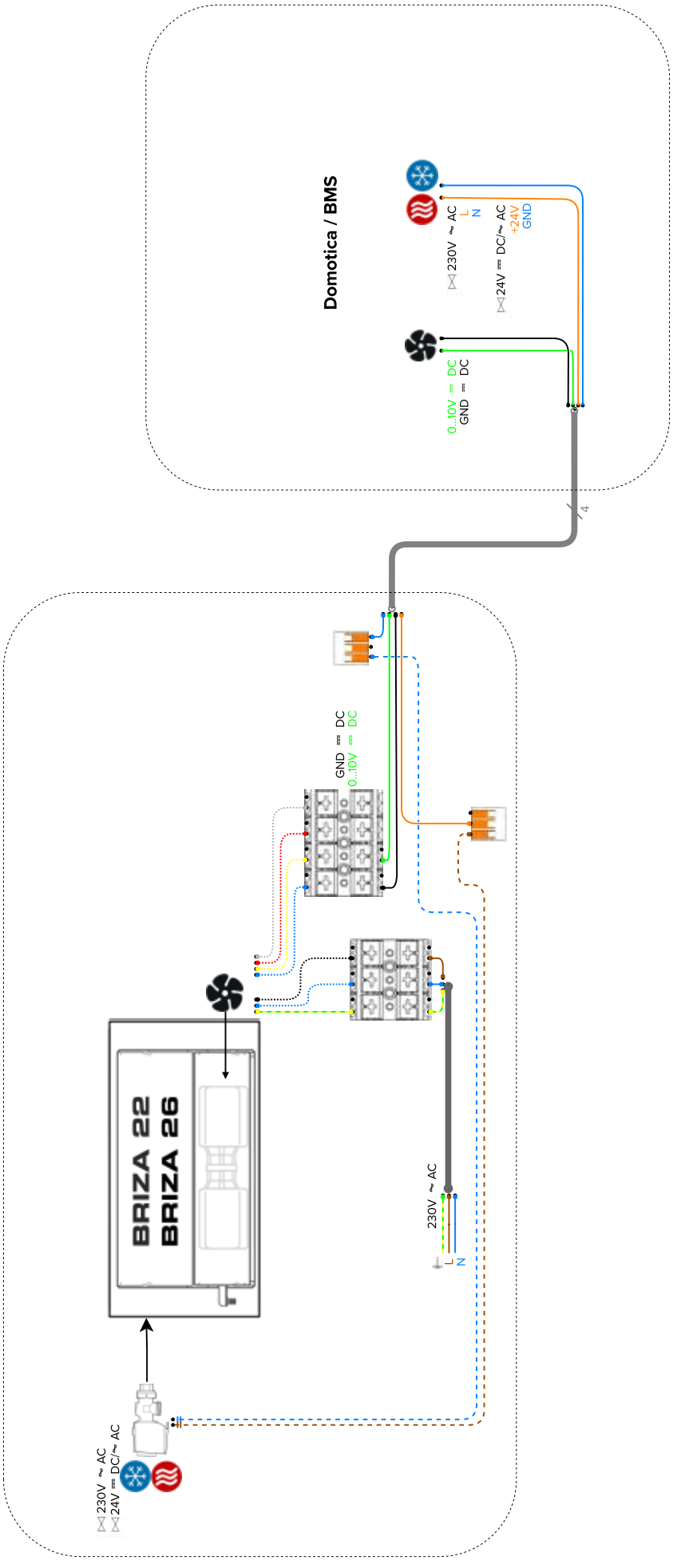
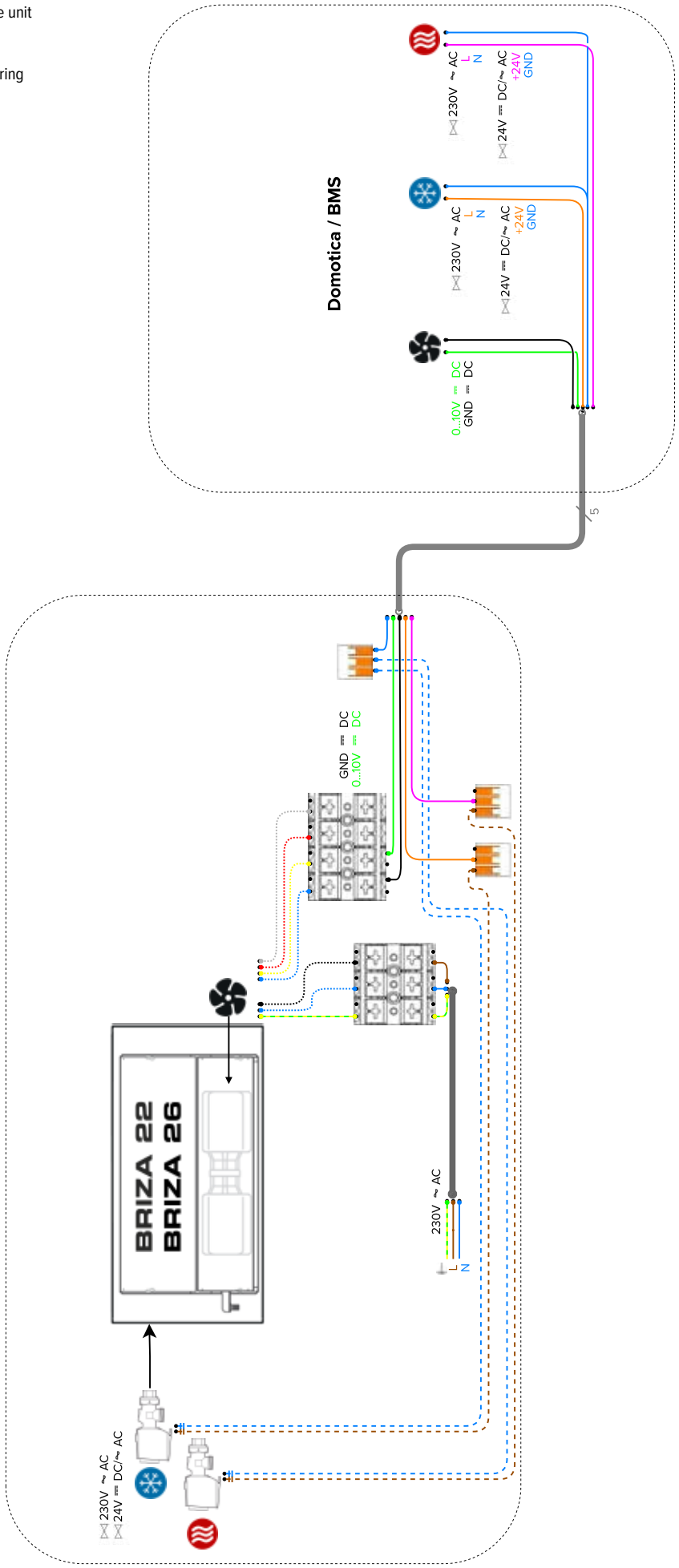
BRIZA 22: SAMPLE DIAGRAM 2

- power supply DIN-rail assembly
- thermostatic valve inside the unit
- BMS
- 2-pipe
- without temperature monitoring
- 1 unit per area



BRIZA 22: SAMPLE DIAGRAM 3

- thermostatic valve inside the unit
- JRT-100
- 4-pipe
- without temperature monitoring
- 1 unit per area



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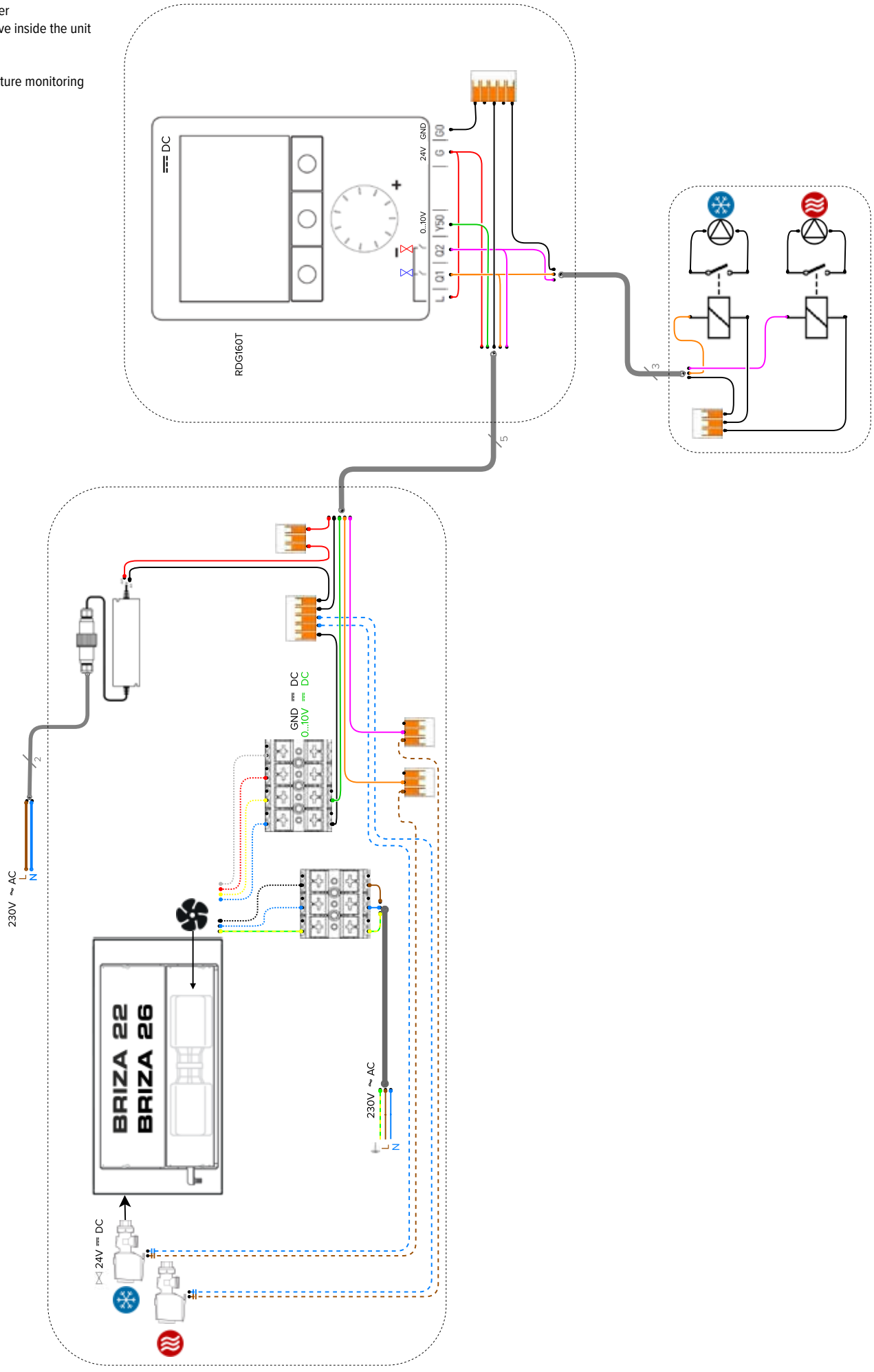
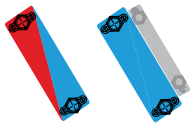
BRIZA 22: SAMPLE DIAGRAM 4

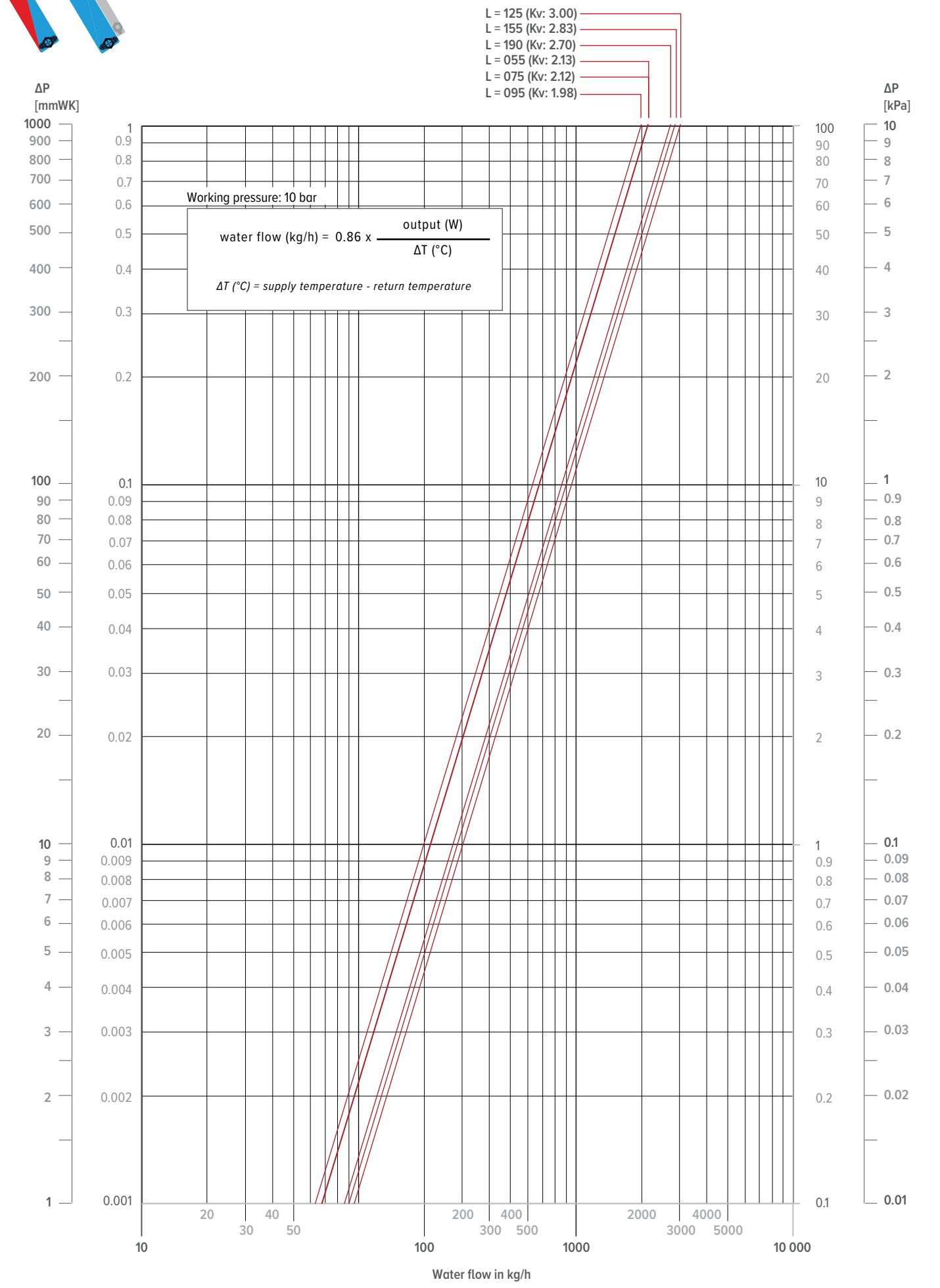
- component power
- thermostatic valve inside the unit
- RDG 160
- 4-pipe
- without temperature monitoring
- 1 unit per area



BRIZA 22 - LARGE HEAT EXCHANGER

PRESSURE DROP





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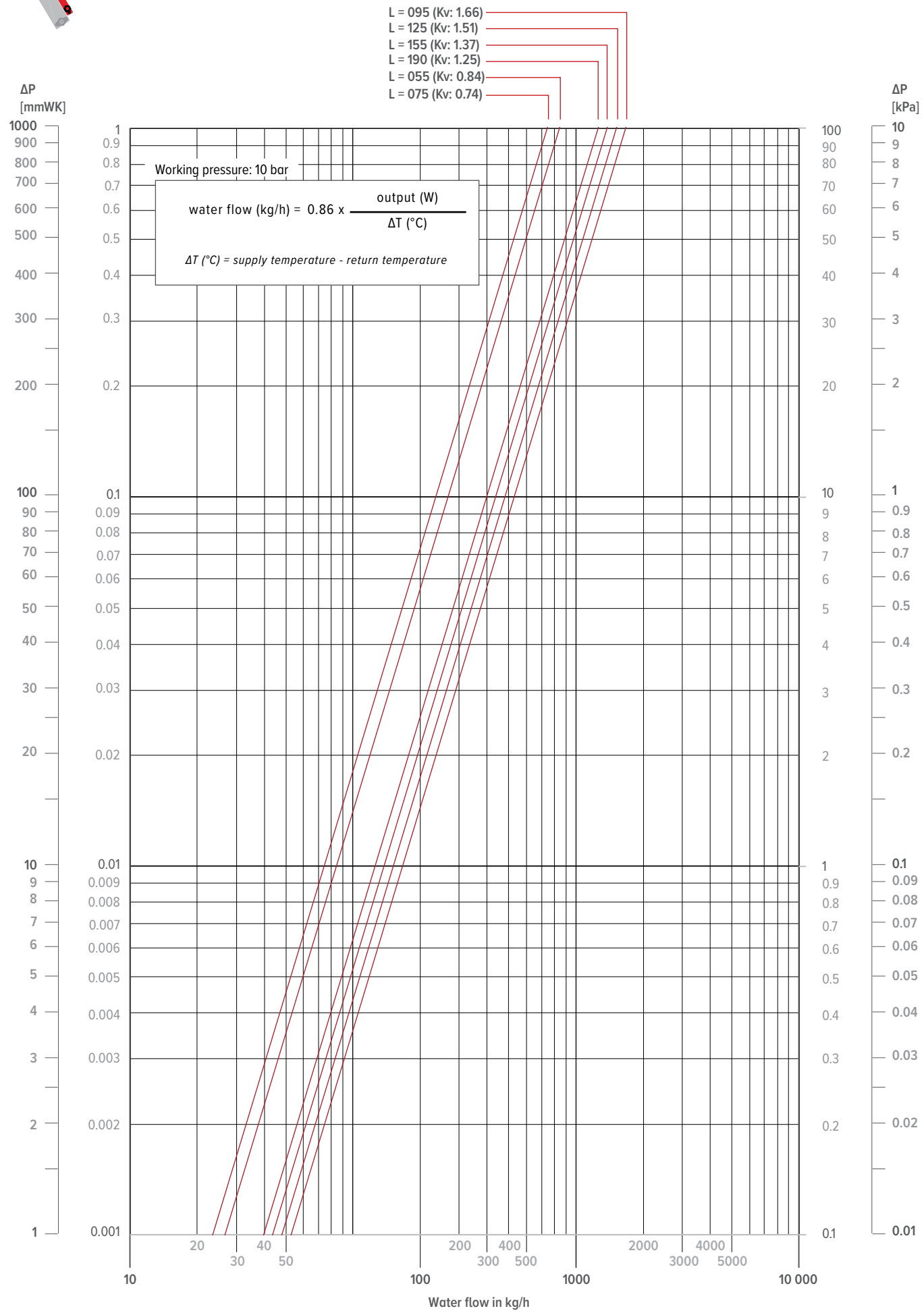
BRIZA 22 - SMALL HEAT EXCHANGER

PRESSURE DROP



jaga CLIMATE DESIGNERS

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