



BRIZA 22



BRIZA 22

CONTENT	3	BRIZA 22 CEILING MOUNTED MODEL	42
BRIZA RANGE	4	Composition	43
BRIZA 22 OVERVIEW	6	Dimensions	44
BRIZA 22 INSTALLATION IN A WALL RECESS	8	Standard delivery	44
Composition	9	Hydronic connection	45
Dimensions	10	Electrical connection	46
Standard delivery	10	Jaga Controls	46
Hydronic connection	11	Which Jaga control system to choose	47
Electrical connection	12	Technical table	48
Jaga Controls	12	2-pipe	48
Which Jaga control system to choose	13	4-pipe	49
Technical table	14	BRIZA 22 COMPOSITION	50
2-pipe	14	Accessories	50
4-pipe	15	THERMOSTATS	51
BRIZA 22 BUILT-IN CEILING	16	CORRECTION FACTORS	52
Composition	17	MAXIMUM CABLE LENGTH	53
Dimensions	18	SAMPLE WIRE DIAGRAMS	
Standard delivery	18	ELECTRICAL INSTALLATION	53
Hydronic connection	19	Sample diagram 1	54
Electrical connection	20	Sample diagram 2	55
Jaga Controls	20	Sample diagram 3	56
Which Jaga control system to choose	21	Sample diagram 4	57
Technical table	22	BRIZA 22 PRESSURE DROP	58
2-pipe	22	Large heat exchanger	58
4-pipe	23	Small heat exchanger	59
BRIZA 22 BUILT-IN	24	GUIDELINE FOR LIMITING FLOW NOISE	60
Accessories	24	DEW POINT AIR BY AIR TEMPERATURE AND AIR HUMIDITY AT AIR PRESSURE 1013 HPA	61
BRIZA 22 PLUG&PLAY	28		
Composition	29		
Dimensions	30		
Standard delivery	30		
Hydronic connection	31		
Technical table	32		
BRIZA 22 WALL MOUNTED MODEL	34		
Composition	35		
Dimensions	36		
Standard delivery	36		
Hydronic connection	37		
Electrical connection	38		
Jaga Controls	38		
Which Jaga control system to choose	39		
Technical table	40		
2-pipe	40		
4-pipe	41		

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

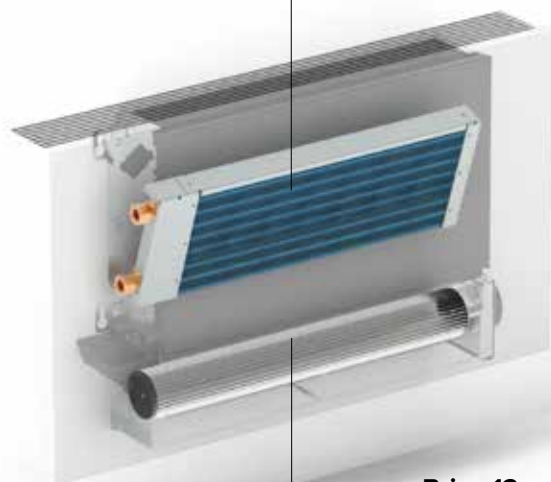


Non-condensing cooling



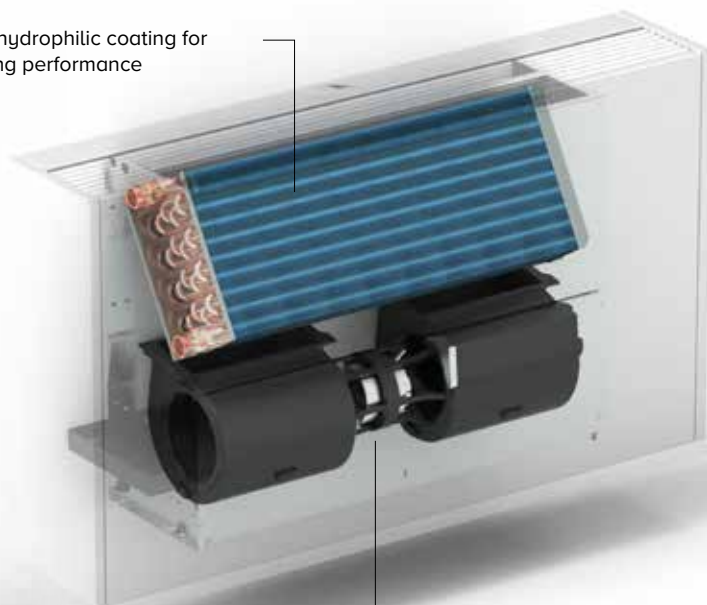
Heating

Heat exchanger with hydrophilic coating for optimum cooling performance



Briza 12

Tangential fan with EC motor



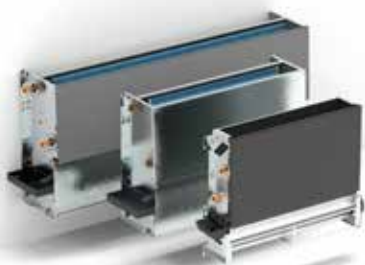
Briza 22 & 26
Centrifugal fan
Greentech EC motor



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



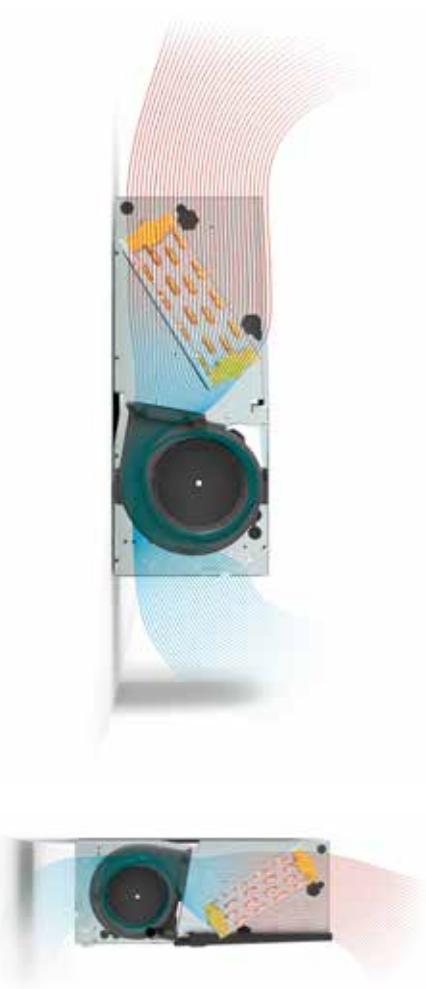


BRIZA 12

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

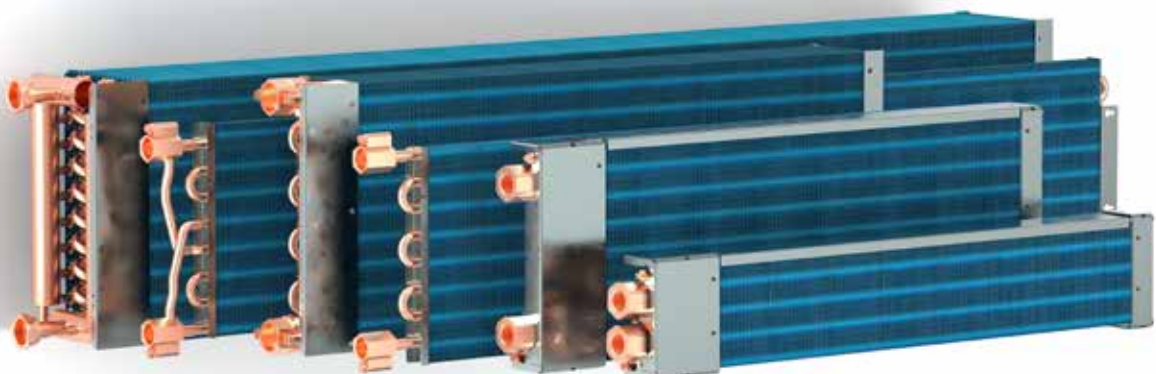


BRIZA 26

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

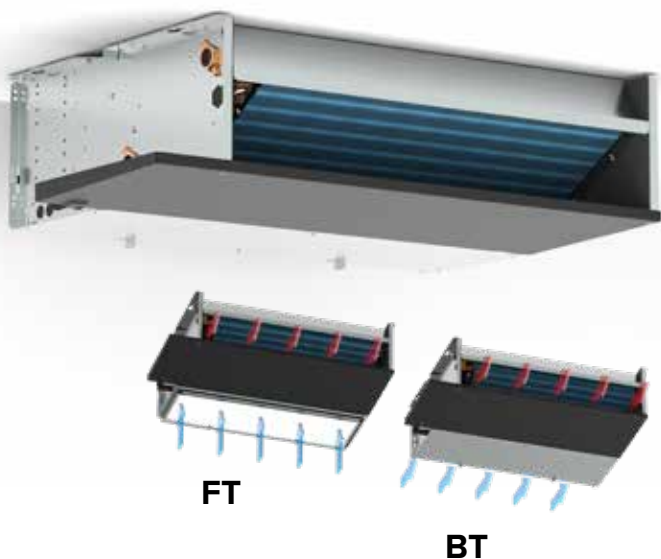
- height 55 cm
- length 55, 75, 95, 125, 155 or 190 cm
- 35/30/20°C: from 1160 to 7030 Watts (10V)
- 16/18/27°C: from 1533 to 4540 Watts (10V)
- 7/12/27°C: from 4358 to 12790 Watts (10V)



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



2-PIPE

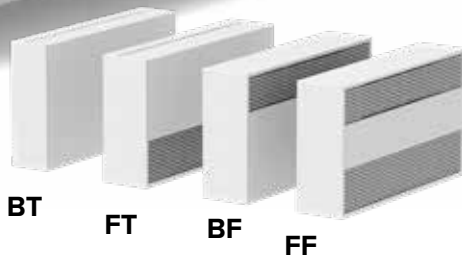
- height 55 cm
- length 55, 75, 95, 125, 155 or 190 cm
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- 16/18/27°C: from 1533 to 4540 Watts (10V)
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WALL-MOUNTED MODEL



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

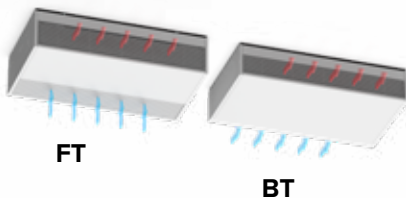
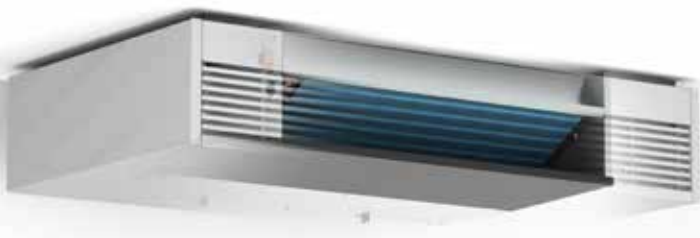
- height 63 cm
- length 90, 110, 130, 160, 190 or 225 cm
- 🔴 35/30/20°C: from 752 to 2805 Watts (10V)
- 🔵 16/18/27°C: from 1044 to 4031 Watts (10V)
- 🔵 7/12/27°C: from 2645 to 11446 Watts (10V)



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



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)

jaga

CLIMATE
DESIGNERS

BRIZA 22 INSTALLATION IN A WALL RECESS



jaga

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)

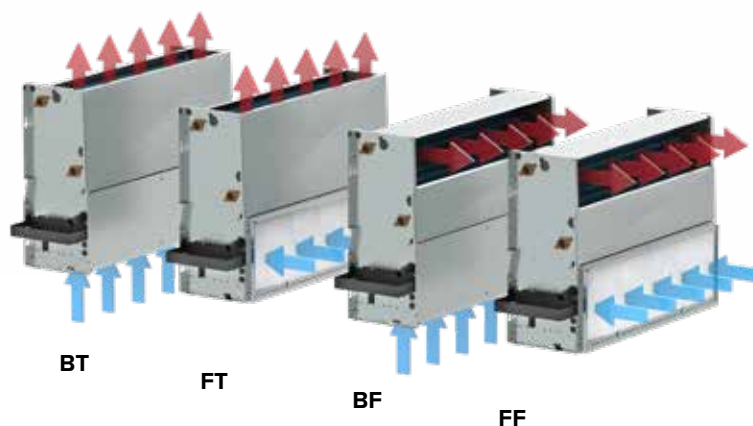
METAL CONDENSATE TRAY
with epoxy-polyester coating

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



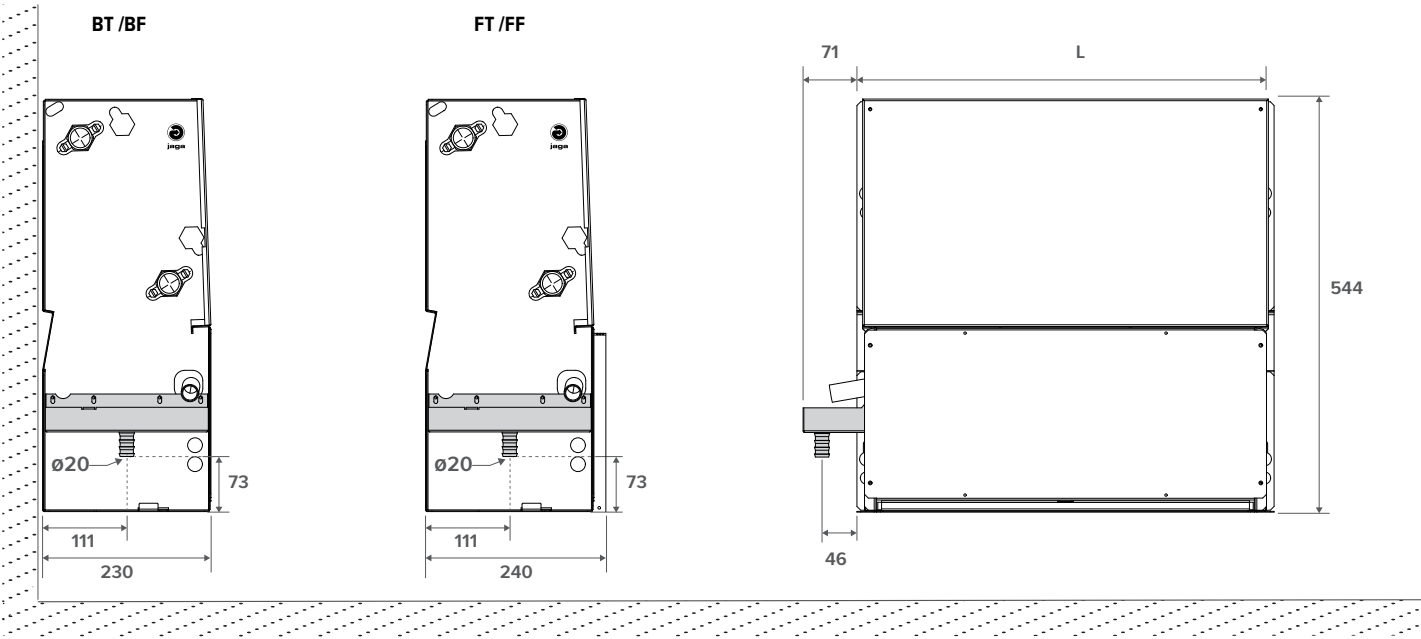
CENTRIFUGAL FANS

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



BRIZA 22 INSTALLATION IN A WALL RECESS

DIMENSIONS (in mm)



STANDARD DELIVERY

- sturdy casing manufactured from electro-galvanised steel
- 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.

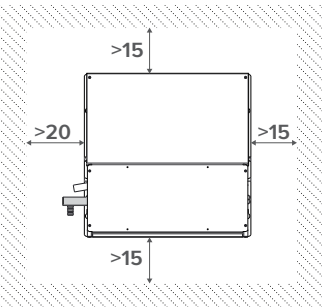
Optional

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

INSTALLATION / FREE SPACE

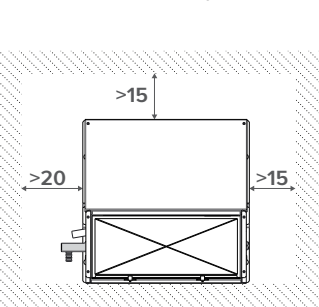
Briza 22 BT - 'Bottom Top grill'

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

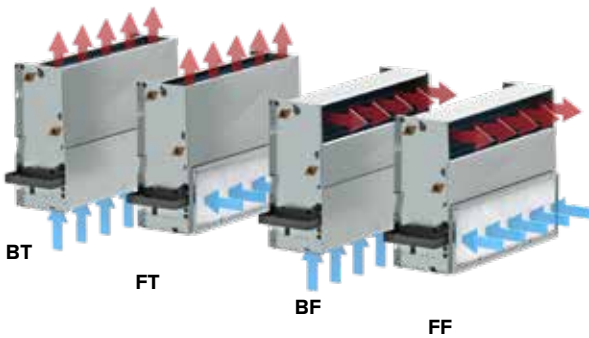
BABW 055 055 22 XX 4 LR G2 DDD

Control:

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

Model: BT, FT, BF, FF

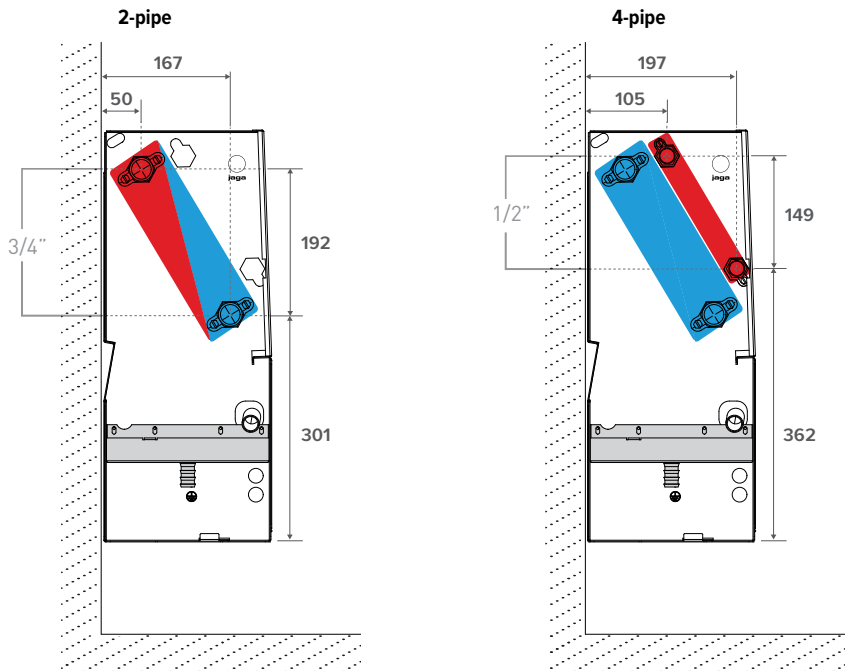
Length



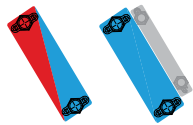
BRIZA 22 INSTALLATION IN A WALL RECESS

HYDRONIC CONNECTION

DIMENSIONS (in mm)



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

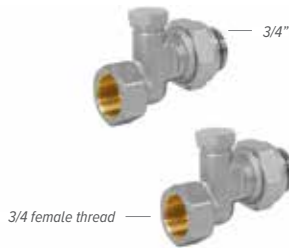


Connection set 2-pipe Jaga 3/4 DN20



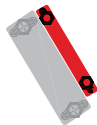
set 301	Kv max. 0.8 - 2.5
TWO PIPE	
CODY WA5 24 0	24 VDC
CODY WA5 23 0	230 VDC

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



set 302	TWO PIPE
CODY L05 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

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



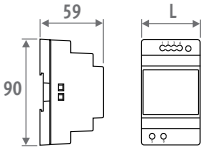
- with waterproof swivel nut connector
- in compliance with UL1310 - EN 60950-1 / Class II
- output voltage 24 VDC
- input voltage 100 - 240 VAC
- output current 1.67 A
- output 40 Watts
- dimensions L 14.5 x B 4.5 x H 3.0 cm

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

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

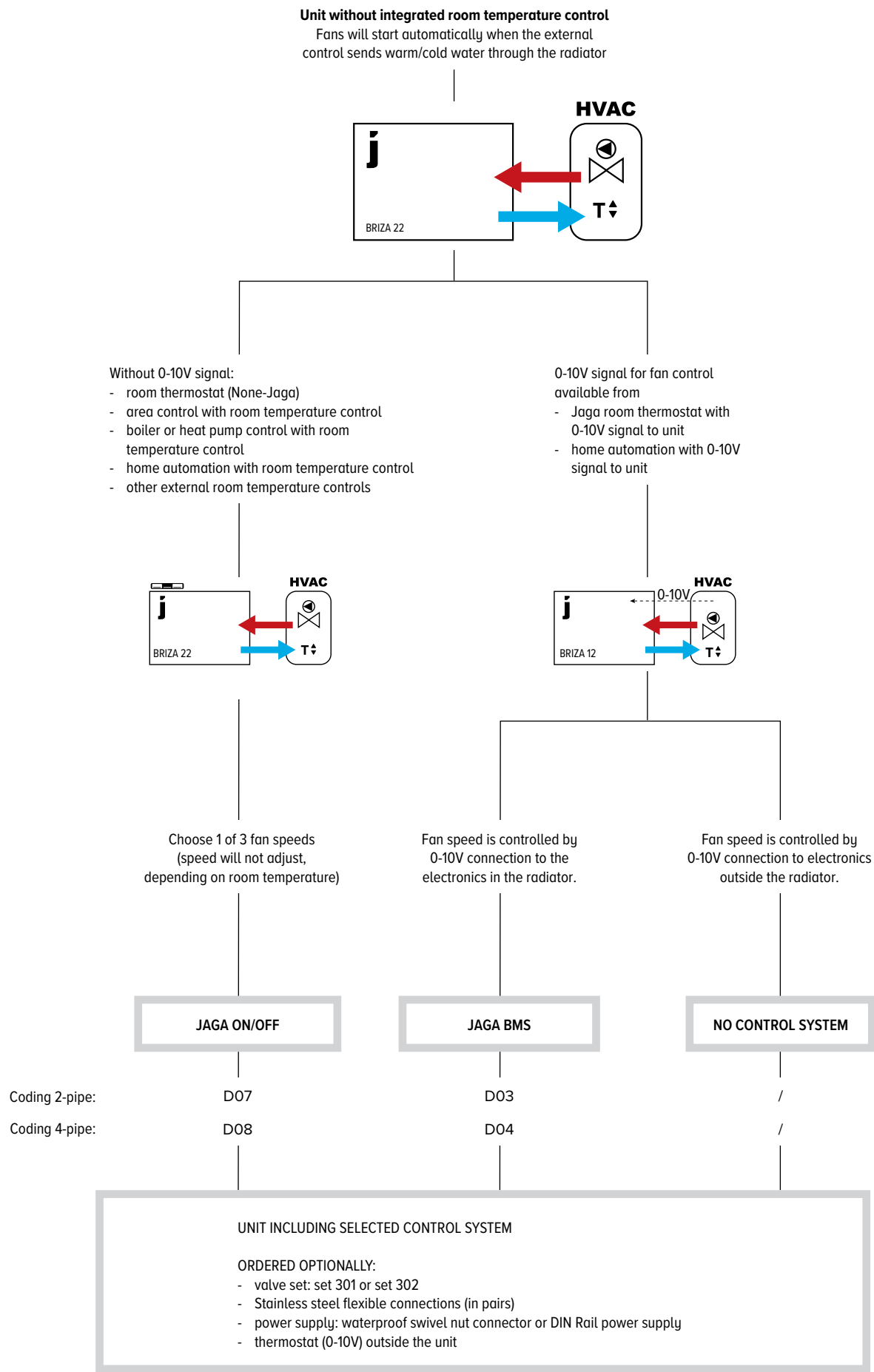
JAGA BMS 0-10V CONTROL

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat 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 H cm			LENGTH L cm		TYPE T cm	MAX. MEASURED CURRENT I A	CONTROL VOLTAGE U V	COOLING (non-condensing) Room temperature 27°C 16/18 Watts	COOLING TOTAL Room temperature 27°C 7/12 Watts	PERCEPTIBLE COOLING Room temperature 27°C 7/12 Watts	HEATING Room temperature 20°C 35/30 45/40 50/45 55/45 75/65 Watts Watts Watts Watts Watts					SOUND PRESSURE LEVEL dB(A)	AIR FLOW m³/h	POWER CONSUMPTION Watts	ORDER CODE		
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								

BRIZA 22 INSTALLATION IN A WALL RECESS

4-PIPE

	HEIGHT			MAX. MEASURED CURRENT	CONTROL VOLTAGE	COOLING (non-condensing) ROOM TEMPERATURE 27°C			COOLING TOTAL Room temperature 27°C			PERCEPTIBLE COOLING Room temperature 27°C								SOUND PRESSURE LEVEL	AIR FLOW	POWER CONSUMPTION	ORDER CODE		
	H	L	T			16/18	7/12	7/12	35/30	45/40	50/45	55/45	75/65												
	cm	cm	cm			Watts	Watts	Watts	Watts	Watts	Watts	Watts	Watts	dB(A)											
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 m³ / 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

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

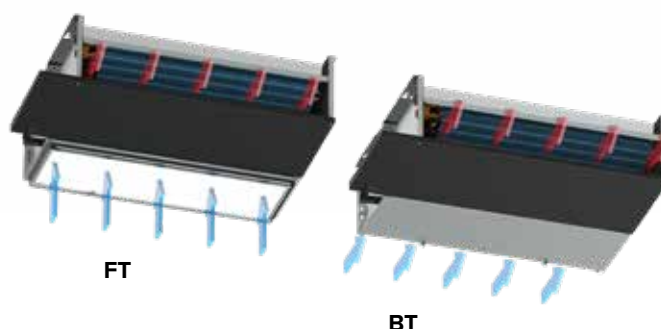
BUILT-IN EC MOTOR

for a much lower energy consumption and a longer service life



CENTRIFUGAL FANS

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

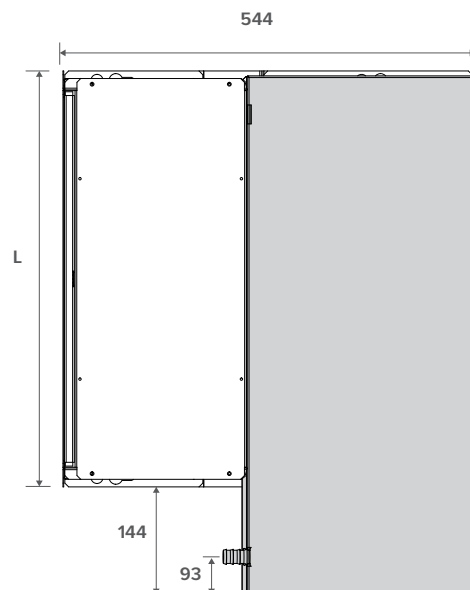
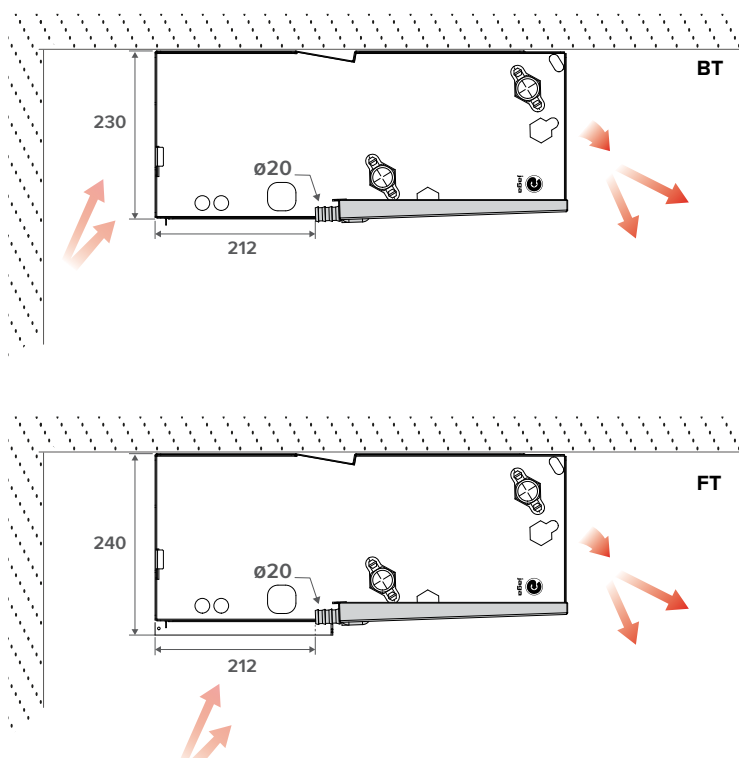


FT

BT

BRIZA 22 BUILT-IN CEILING

DIMENSIONS (in mm)



STANDARD DELIVERY

- sturdy casing manufactured from electro-galvanised steel
- 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

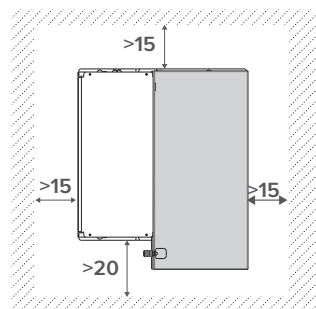
- hydronic connections on the left
- 2-pipe Installation: G 3/4" connection
- 4-pipe Installation: large heat exchanger: G 3/4" connection
small heat exchanger: G 1/2" connection
- clamp connector for electric connection 230 VAC, to connect via an external power supply, on the right hand side.

Optional

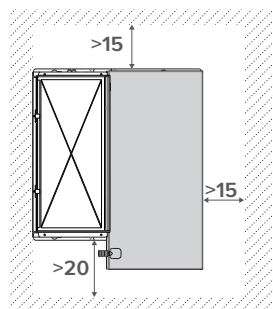
Hydronic right, electric left:
Connection code **RL** instead of **LR** No surcharge

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

Control:

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

Model: BT, FT

Length

ORDER CODE BRIZA 22 BUILT-IN CEILING 4-PIPE

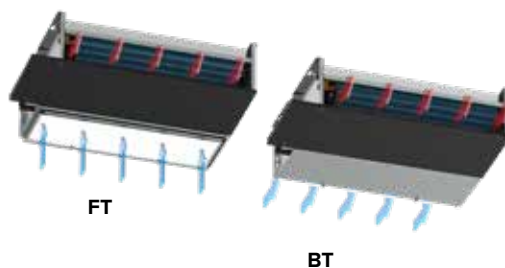
BABC 055 055 22 XX 4 LR G2 DDD

Control:

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

Model: BT, FT

Length

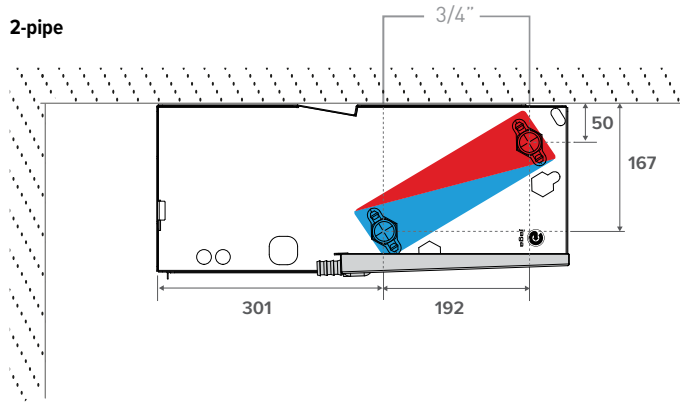


BRIZA 22 BUILT-IN CEILING

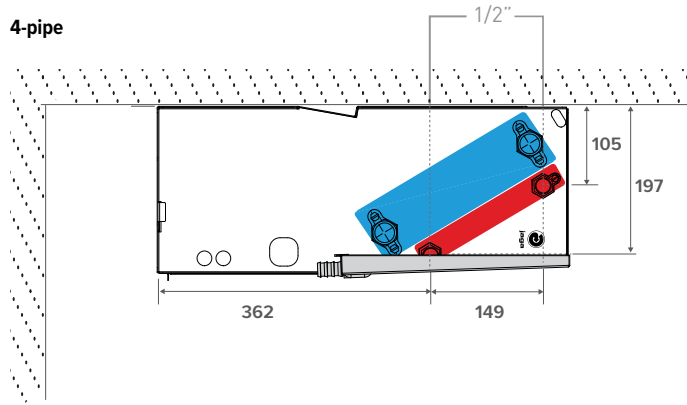
HYDRONIC CONNECTION

DIMENSIONS (in mm)

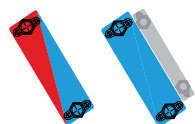
2-pipe



4-pipe



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



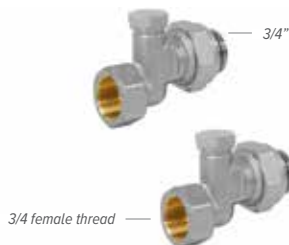
Connection set 2-pipe Jaga 3/4 DN20



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 L05 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"



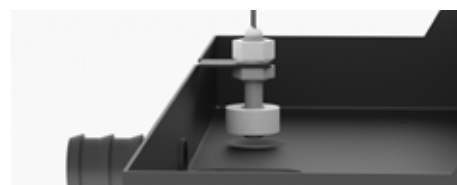
CODE	Length	
8776 00010002	300 < 600 mm	2 units

Condensate pump



CODE
8773 0101

Condensate level sensor



sensor for monitoring the condensate level in the
condensate collector

CODE
5127 000 100 03

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

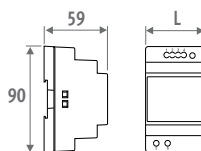
37603 010002

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

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

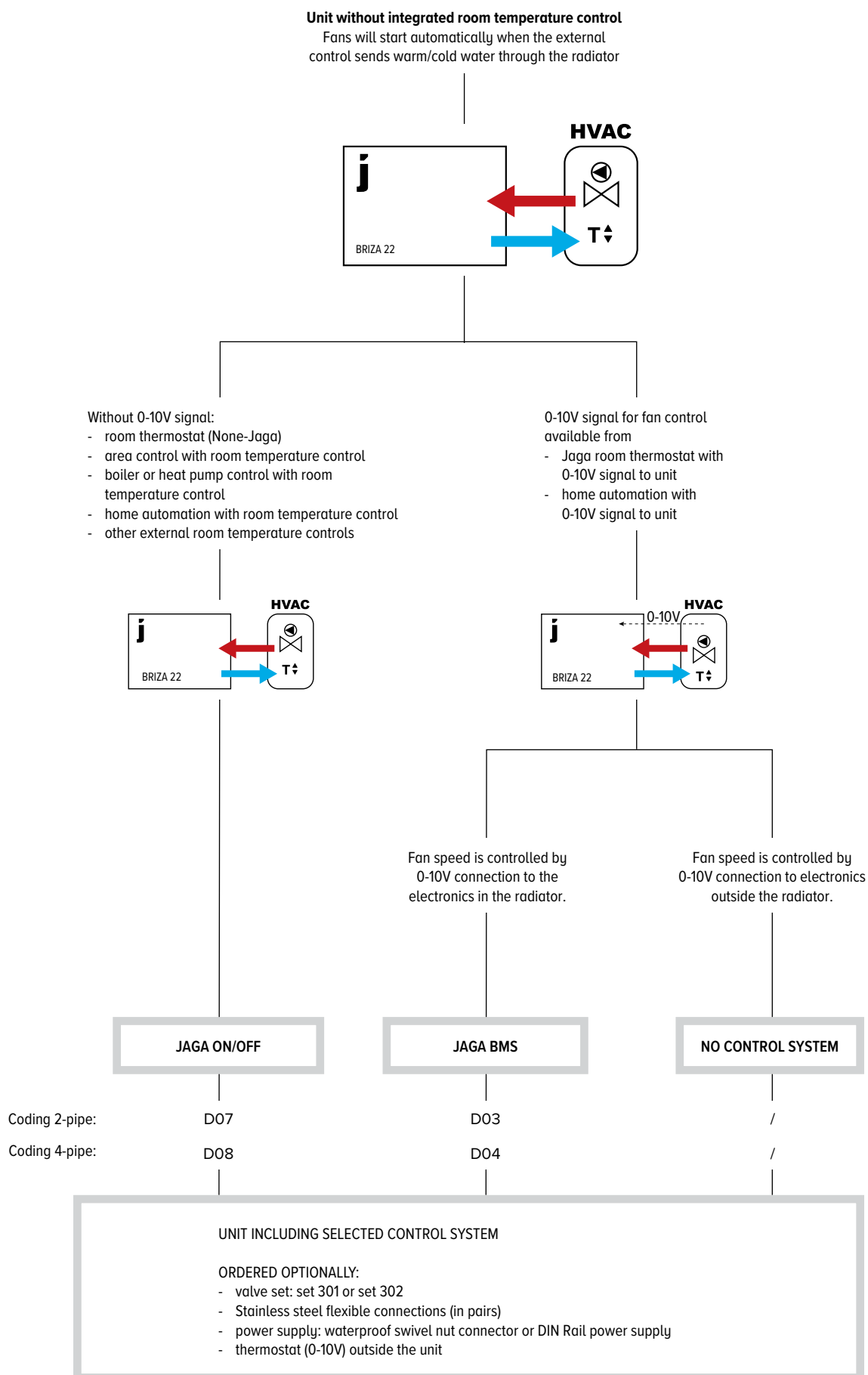
- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will send a 0-10 VDC signal. The fan will rotate proportionally to the 0-10 VDC signal.

JAGA BMS 0-10V CONTROL

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



HEIGHT H cm	LENGTH L cm	TYPE T cm	MAX. MEASURED CURRENT I A	CONTROL VOLTAGE U V	COOLING (non-condensing) Room temperature 27°C		COOLING TOTAL Room temperature 27°C		PERCEPTIBLE COOLING Room temperature 27°C		HEATING Room temperature 20°C					SOUND PRESSURE LEVEL dB(A)	AIR FLOW m³/h	POWER CONSUMPTION Watts	ORDER CODE
					16/18 Watts		7/12 Watts		7/12 Watts		35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts	75/65 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
					674		1685		1214		943	1735	2133	2315	3924	35 0	254	8 7	
					866		2256		1626		1231	2265	2784	3022	5122	42 5	355	17 2	
					1061		2749		1981		1503	2765	2299	3690	6255	46 5	450	31 1	
					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
					870		2475		1784		1350	2424	2955	3197	5307	29 5	327	8 8	
					1146		3258		2348		1787	3209	3912	4233	7026	39 0	456	17 7	
					1372		3901		2811		2139	3841	4683	5067	8409	45 0	579	31 9	
					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
					1266		3189		2298		1650	3054	3761	4086	6960	29 5	413	9 9	
					1675		4221		3042		2200	4072	5015	5448	9281	37 0	565	20 6	
					2000		5040		3632		2642	4889	6021	6541	11143	42 5	707	35 9	
					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
					1367		3771		2718		2304	4170	5097	5520	9224	36 0	614	17 5	
					1812		4999		3603		2997	5424	6630	7181	11998	43 0	840	35 7	
					2251		6209		4475		3634	6577	8038	8706	14548	49 0	1072	62 8	
					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
					1533		4358		3140		2445	4390	5351	5790	9610	34 0	706	17 8	
					2127		6048		4359		3374	6059	7386	7992	13264	41 0	990	37 1	
					2660		7562		5450		4202	7547	9199	9954	16520	47 0	1252	65 8	
					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
					2486		7003		5047		3812	6851	8354	9040	15015	39 0	972	25 9	
					3341		9411		6782		5140	9238	11265	12190	20246	46 5	1347	52 8	
					4094		11533		8312		6323	11364	13856	14994	24904	52 0	1700	93 0	
					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 m³ / 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

HEIGHT H cm			LENGTH L cm			TYPE T cm			MAX. MEASURED CURRENT I A		CONTROL VOLTAGE U V		COOLING (non-condensing) Room temperature 27°C 16/18 Watts		COOLING TOTAL Room temperature 27°C 7/12 Watts		PERCEPTIBLE COOLING Room temperature 27°C 7/12 Watts		HEATING Room temperature 20°C 35/30 45/40 50/45 55/45 75/65 Watts Watts Watts Watts Watts					SOUND PRESSURE LEVEL dB(A)		AIR FLOW m³/h		POWER CONSUMPTION Watts		ORDER CODE		
BABC 055 055 22									2		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		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		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		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		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		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 m³ / reverberation time 0.5 sec.

model: BT / FT |

enter control system code

no control system: (leave blank)

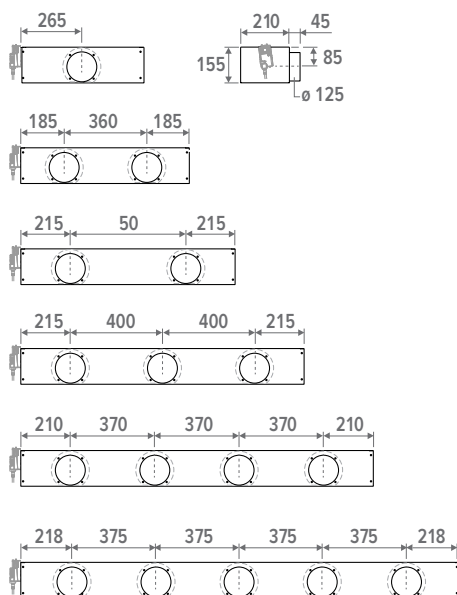
Jaga BMS 0-10V control: D04

Jaga On/off: D08

BRIZA 22 BUILT-IN

ACCESSORIES

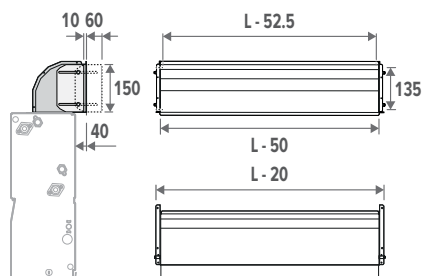
AIR MIXING BOX WITH 0...10V MODULATING MOTOR



- 230 VAC motorised air in take unit, with modulating adjustable damper (damper position determined by modulating 0 ... 10V signal)
- connection $\varnothing$ 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

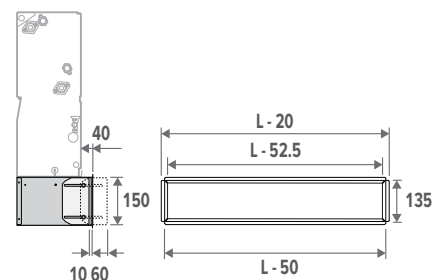
AIR OUTLET CORNER PIECE 90°



- 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

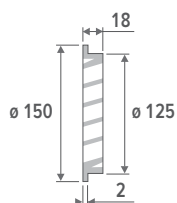
AIR INLET CORNER PIECE 90°



- 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

EXTERNAL GRILLE



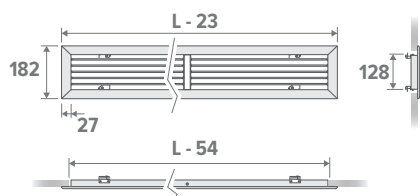
- natural coloured aluminum external grille $\varnothing$ 12.5 cm
- with fine structured metal anti-vermin grille
- protection against rain

CODE
8776 1750

BRIZA 22 BUILT-IN

ACCESSORIES

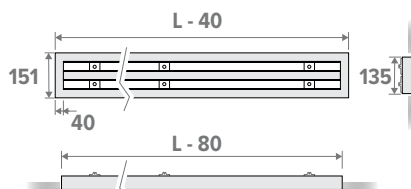
ADJUSTABLE GRILLE FOR 90° CORNER PIECE



- 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

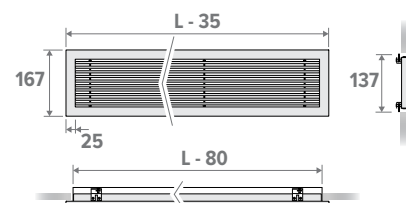
LINEAR SLOT GRILLE FOR 90° CORNER PIECE



- 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

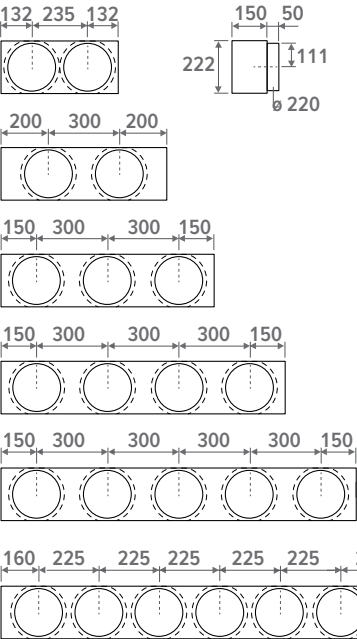
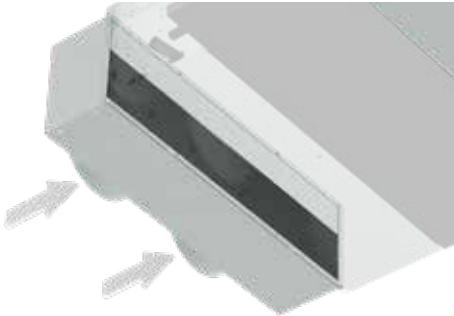
BAR GRILLE FOR 90° CORNER PIECE



- 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

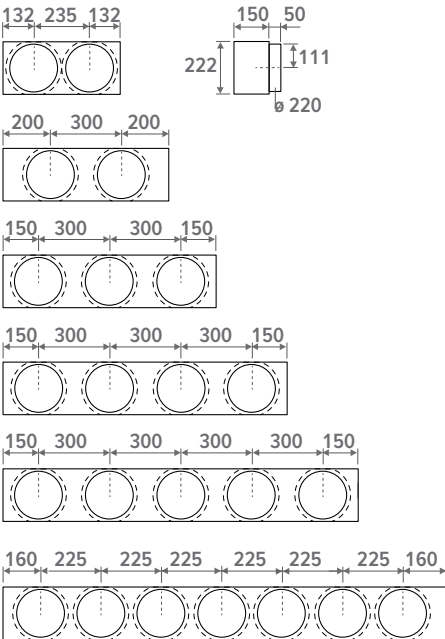
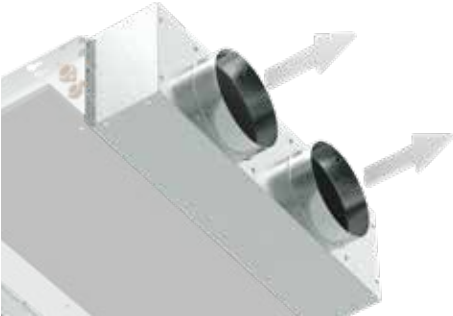
AIR INLET PLENUM 180°



- 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

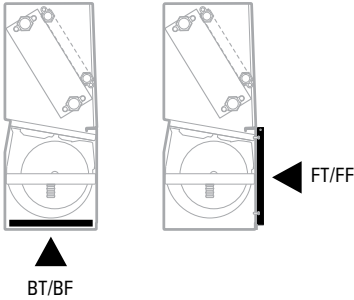
AIR EXHAUST PLENUM 180°



- 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

BRIZA 22 PLUG&PLAY



HYDRONIC CONNECTION



2-pipe

STURDY CASING
manufactured from electro-galvanised steel

WI-FI THERMOSTAT
with touchscreen and app



ELECTRICAL CONNECTION



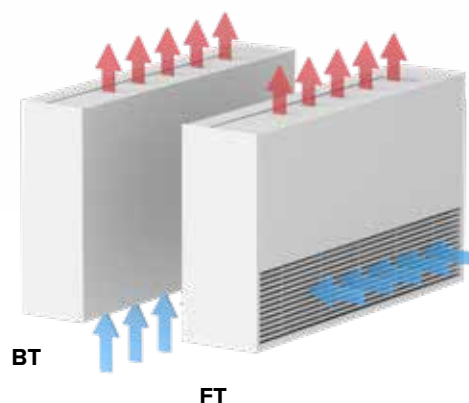
HEAT EXCHANGER
with hydrophilic coating for optimum cooling performance

replaceable polypropylene
DUST FILTER (class G2)

METAL CONDENSATE TRAY
with epoxy-polyester coating

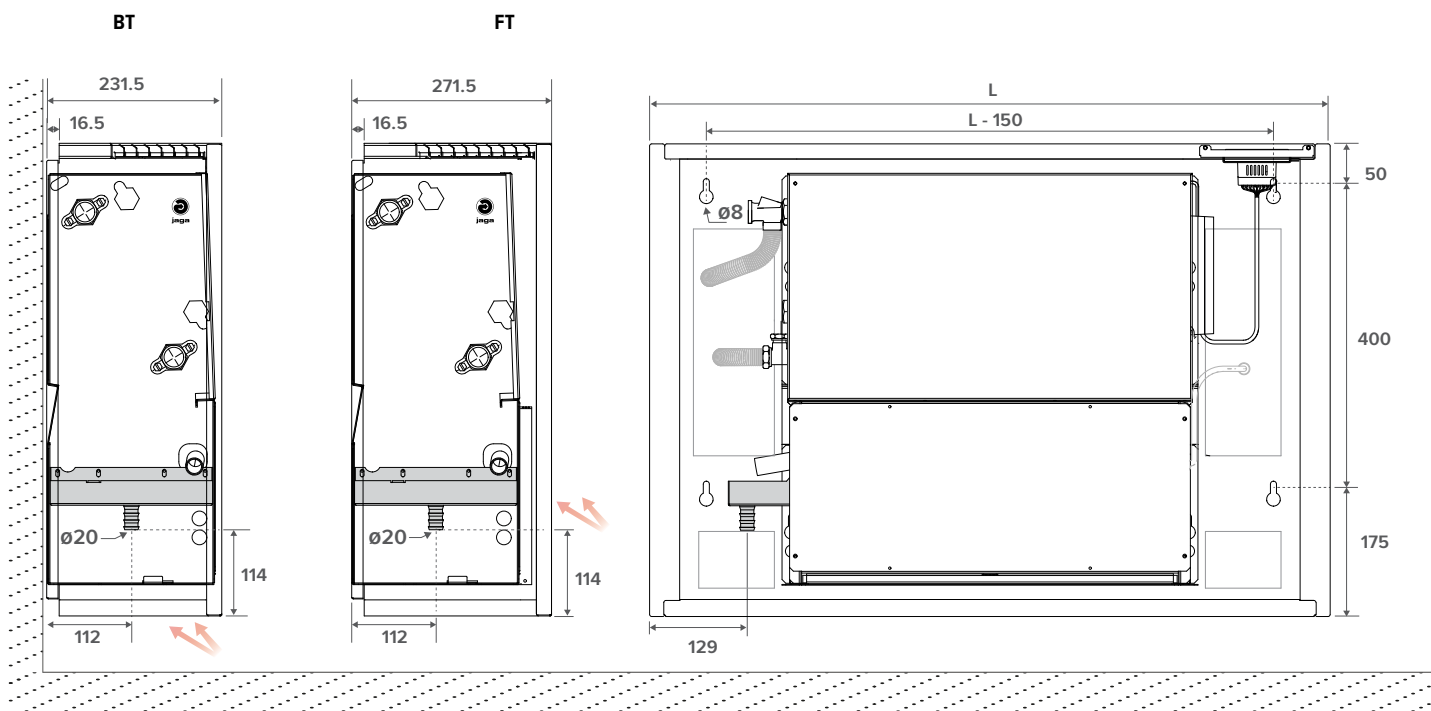
CENTRIFUGAL FANS
with GreenTech-EC technology: energy efficient, easy operation, low noise level.

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



BRIZA 22 PLUG&PLAY

DIMENSIONS (in mm)



STANDARD DELIVERY

- coated housing in sendzimir galvanised steel plate
- sturdy casing manufactured from electro-galvanised steel
- 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.

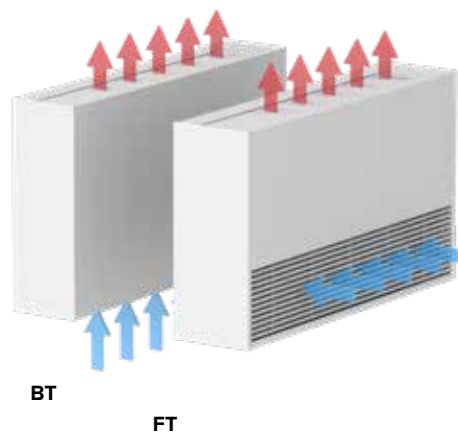
ORDER CODE BRIZA 22 PLUG&PLAY

BAMW 063 055 22 XXX XX 2 LR G2 F11 TW

Model: BT, FT

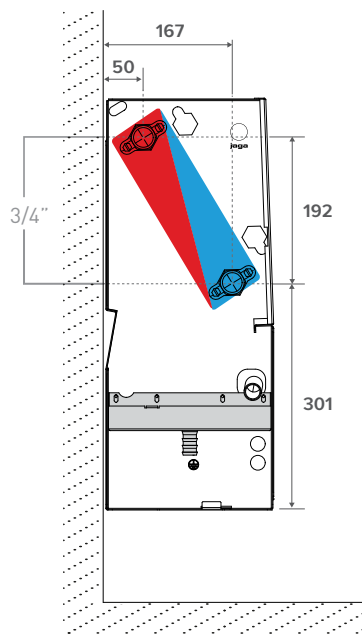
Colour

Length



DIMENSIONS (*in mm*)

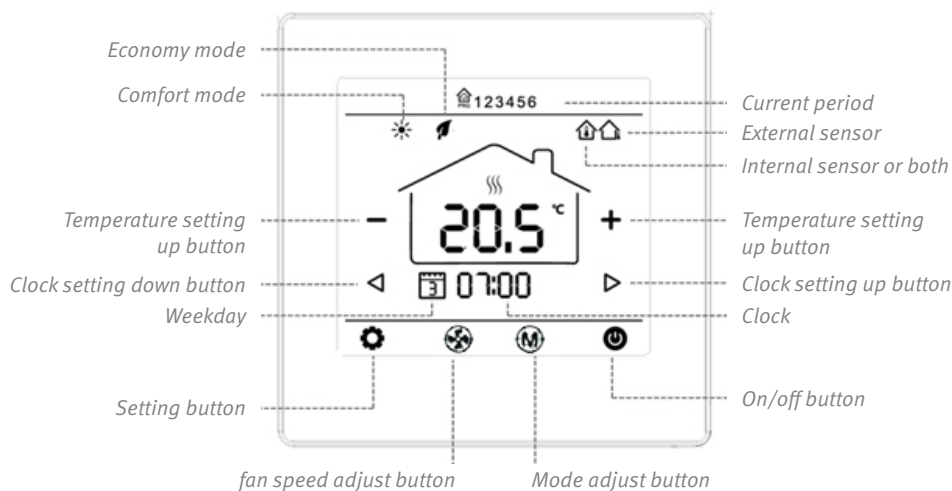
2-pipe



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



HEIGHT H cm	LENGTH L cm	TYPE T cm	MAX. MEASURED CURRENT I A	CONTROL VOLTAGE U V	COOLING (non-condensing) Room temperature 27°C		COOLING TOTAL Room temperature 27°C		PERCEPTIBLE COOLING Room temperature 27°C		HEATING Room temperature 20°C					SOUND PRESSURE LEVEL dB(A)	AIR FLOW m³/h	POWER CONSUMPTION Watts	ORDER CODE
					16/18 Watts	7/12 Watts	7/12 Watts	7/12 Watts	7/12 Watts	7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts	75/65 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 m³ / reverberation time 0.5 sec.

enter colour code

model: BT FT



jaga

CLIMATE
DESIGNERS

BRIZA 22 WALL MOUNTED MODEL



jaga

HYDRONIC CONNECTION



2-pipe



4-pipe

HEAT EXCHANGER
with hydrophilic coating for optimum cooling performance

STURDY CASING
manufactured from electro-galvanised steel

ELECTRICAL CONNECTION

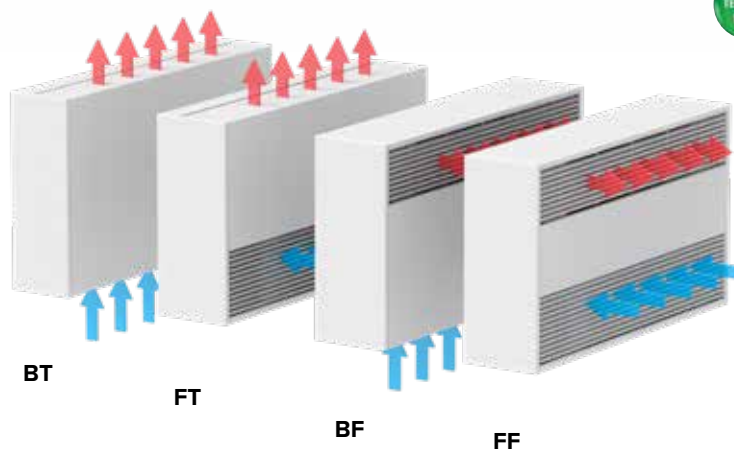


replaceable polypropylene
DUST FILTER (class G2)

METAL CONDENSATE TRAY
with epoxy-polyester coating

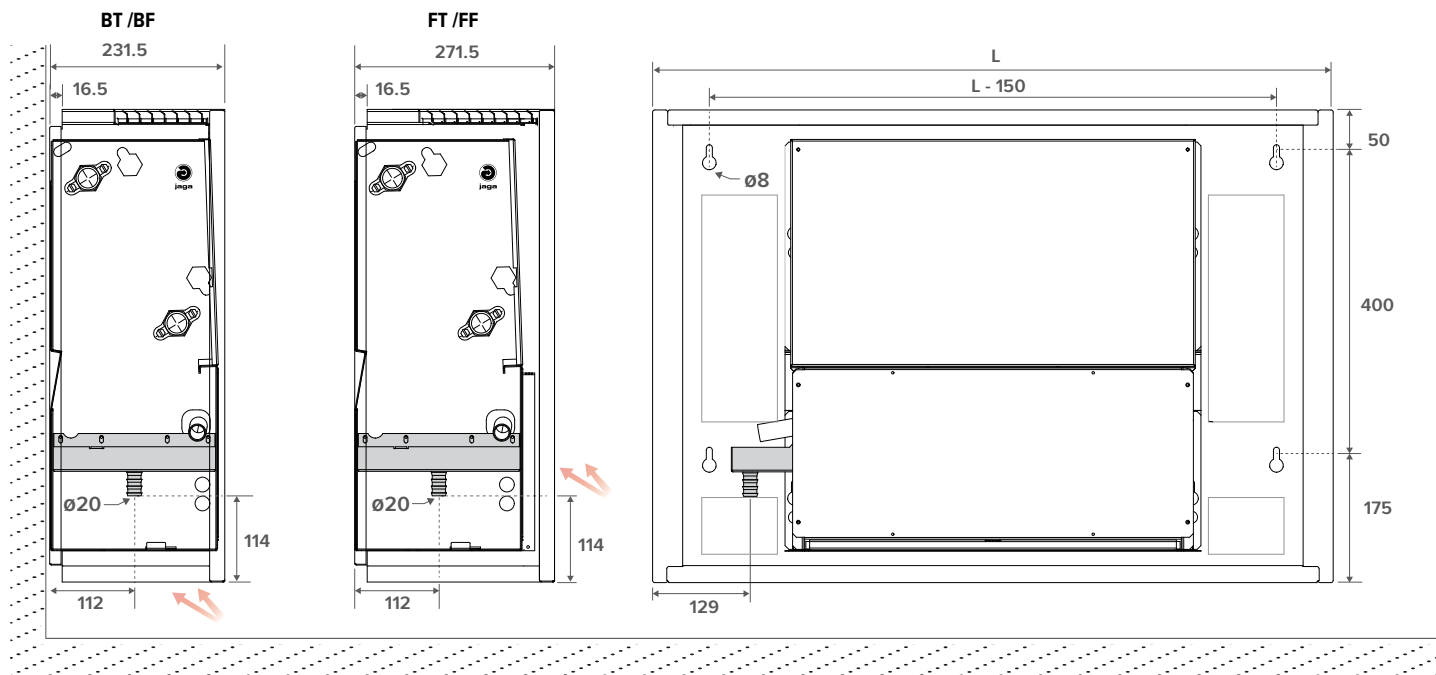
CENTRIFUGAL FANS
with GreenTech-EC technology: energy efficient,
easy operation, low noise level.

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



BRIZA 22 WALL-MOUNTED MODEL

DIMENSIONS (in mm)



STANDARD DELIVERY

- coated housing in sendzimir galvanised steel plate
- sturdy casing manufactured from electro-galvanised steel
- 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

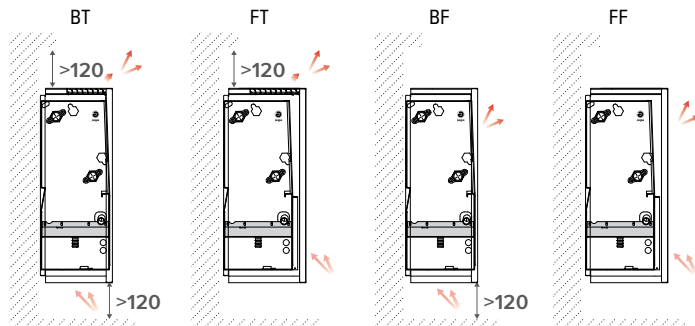
- hydronic connections on the left
- 2-pipe Installation: G 3/4" connection
- 4-pipe Installation: large heat exchanger: G 3/4" connection
small heat exchanger: G 1/2" connection
- clamp connector for electric connection 230 VAC, to connect via an external power supply, on the right hand side.

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

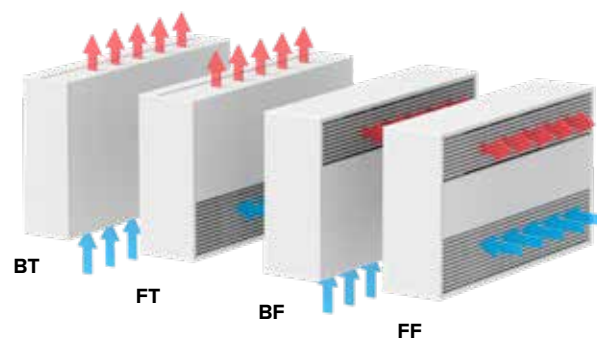
Control:

- 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

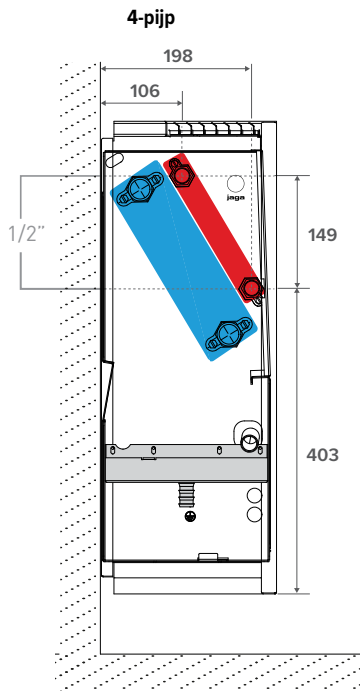
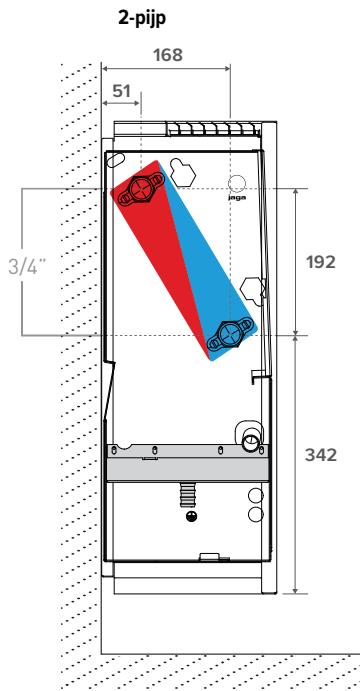
Length



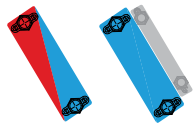
BRIZA 22 WALL-MOUNTED MODEL

HYDRONIC CONNECTION

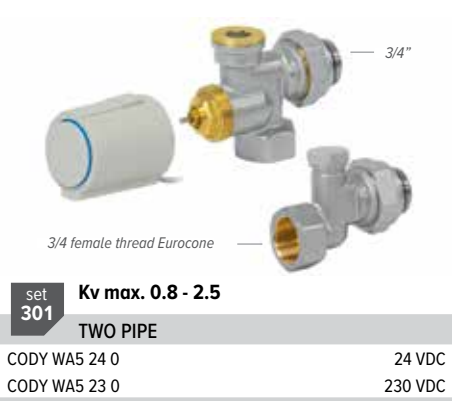
DIMENSIONS (in mm)



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°

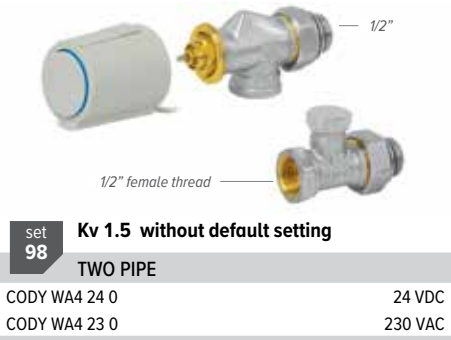


set 302	TWO PIPE
CODY L05 00 0	

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

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

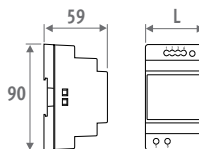
37603 010002

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

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

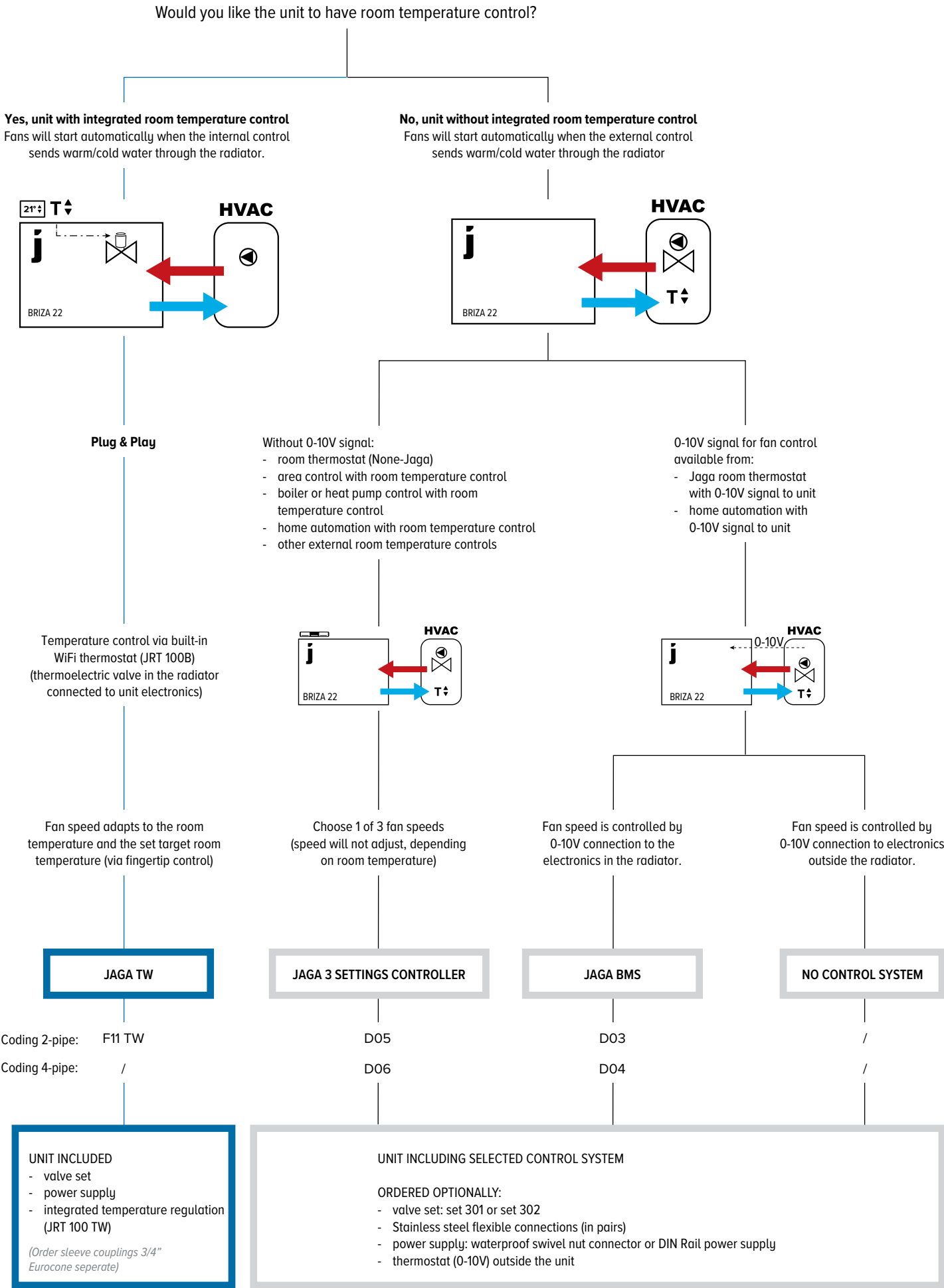
JAGA BMS 0-10V CONTROL

- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat 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 is requested, an external signal (thermostat, BMS/home automation, ...) a thermal engine.
- 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



HEIGHT H cm	LENGTH L cm	TYPE T cm	MAX. MEASURED CURRENT I A	CONTROL VOLTAGE U V	COOLING (non-condensing) Room temperature 27°C		COOLING TOTAL Room temperature 27°C		PERCEPTIBLE COOLING Room temperature 27°C		HEATING Room temperature 20°C					SOUND PRESSURE LEVEL dB(A)	AIR FLOW m³/h	POWER CONSUMPTION Watts	ORDER CODE
					16/18 Watts	7/12 Watts	7/12 Watts	7/12 Watts	7/12 Watts	7/12 Watts	35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts	75/65 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 m³ / 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

BRIZA 22 WALL MOUNTED MODEL

4-PIPE

HEIGHT H cm	LENGTH L cm	TYPE T cm	MAX. MEASURED CURRENT I A	CONTROL VOLTAGE U V	COOLING (non-condensing) ROOM TEMPERATURE 27°C 16/18 Watts	COOLING TOTAL Room temperature 27°C 7/12 Watts	PERCEPTIBLE COOLING Room temperature 27°C 7/12 Watts	HEATING Room temperature 20°C 35/30 45/40 50/45 55/45 75/65 Watts Watts Watts Watts Watts					SOUND PRESSURE LEVEL dB(A)	AIR FLOW m³/h	POWER CONSUMPTION Watts	ORDER CODE
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 m³ / 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: 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

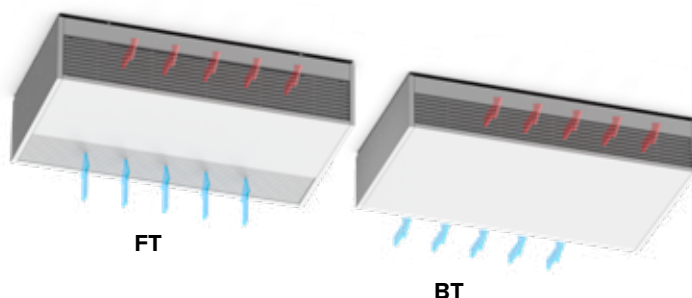
BUILT-IN EC MOTOR

for a much lower energy consumption and a longer service life



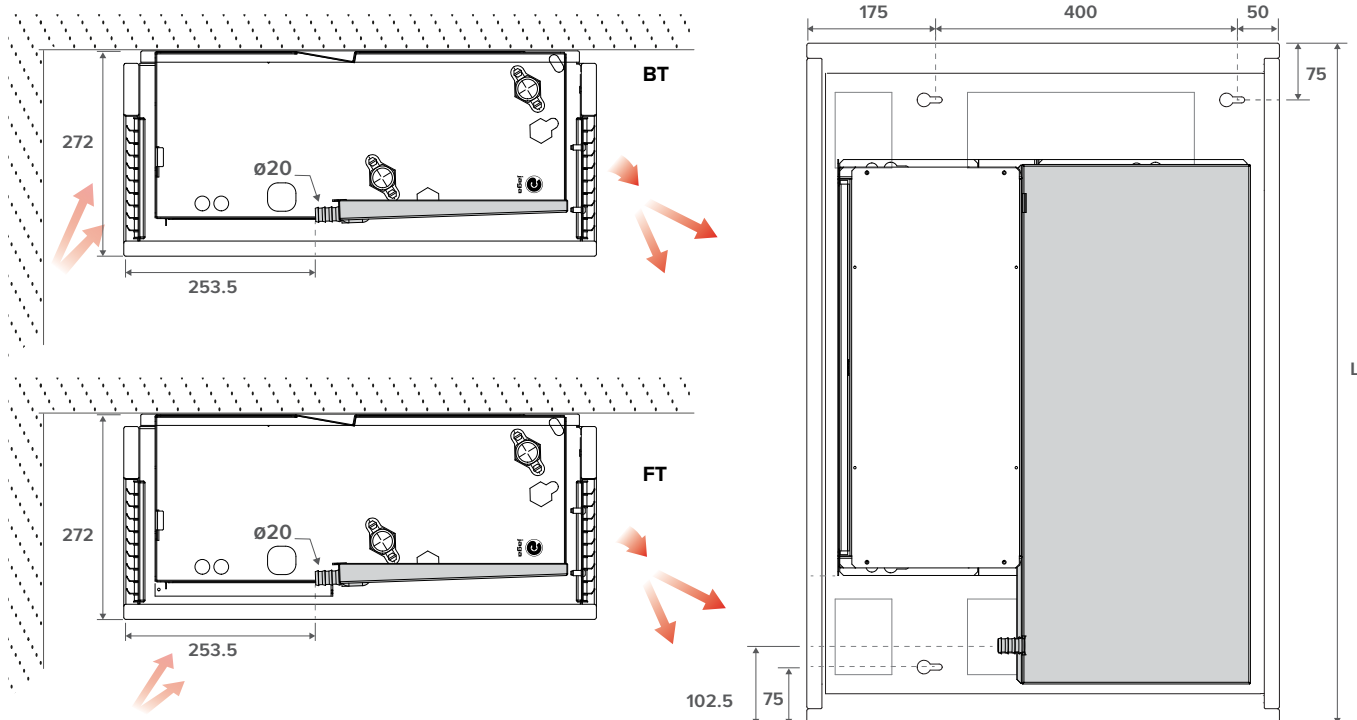
CENTRIFUGAL FANS

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



BRIZA 22 CEILING MOUNTED MODEL

DIMENSIONS (in mm)



STANDARD DELIVERY

- coated casing made from Sendzimir galvanised steel sheet
- sturdy casing manufactured from electro-galvanised steel
- 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

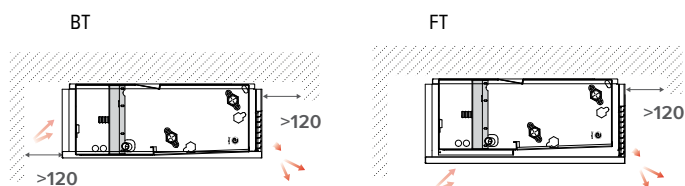
- hydronic connections on the left
- 2-pipe Installation: G 3/4" connection
- 4-pipe Installation: large heat exchanger: G 3/4" connection
small heat exchanger: G 1/2" connection
- clamp connector for electric connection 230 VAC, to connect via an external power supply, on the right hand side.

Optional

Hydronic right, electric left:

Connection code **RL** instead of **LR**. No surcharge.

INSTALLATION / FREE SPACE



ORDER CODE BRIZA 22 CEILING MOUNTED MODEL 2-PIPE

BAMC 063 055 22 XXX XX 2 LR G2 DDD

Control:

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

Model: BT, FT

Colour

Length

ORDER CODE BRIZA 22 CEILING MOUNTED MODEL 4-PIPE

BAMC 063 055 22 XXX XX 4 LR G2 DDD

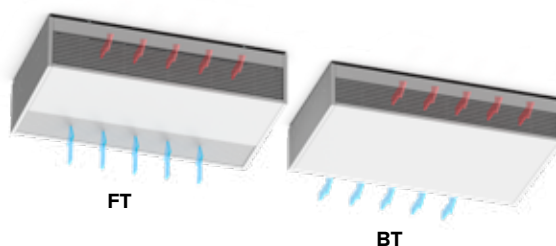
Control:

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

Model: BT, FT

Colour

Length

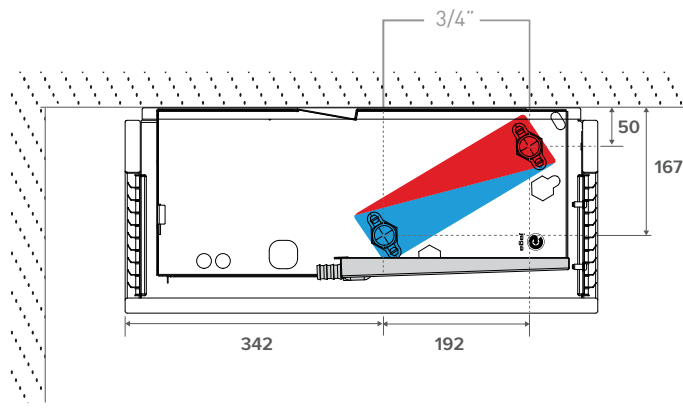


BRIZA 22 CEILING MOUNTED MODEL

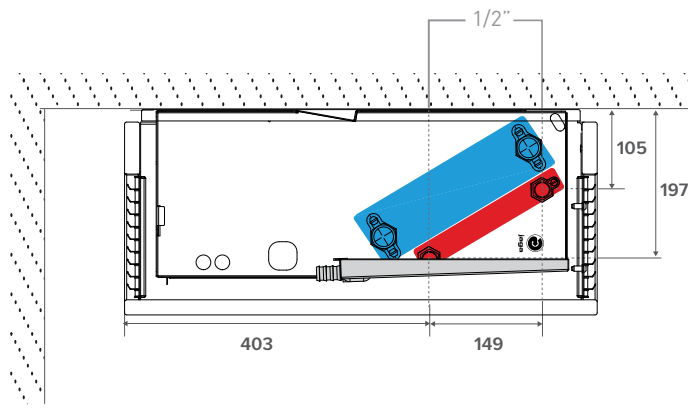
HYDRONIC CONNECTION

DIMENSIONS (in mm)

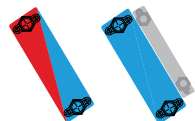
2-pipe



4-pipe



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



Connection set 2-pipe Jaga 3/4 DN20

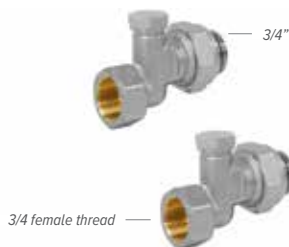


set 301 Kv max. 0.8 - 2.5

TWO PIPE

CODY WA5 24 0 24 VDC
CODY WA5 23 0 230 VDC

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

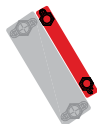


set 302

TWO PIPE

CODY L05 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"



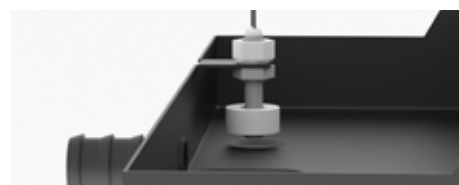
CODE	Length	
8776 00010002	300 < 600 mm	2 units

Condensate pump



CODE
8773 0101

Condensate level sensor



sensor for monitoring the condensate level in the condensate collector

CODE
5127 000 100 03

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

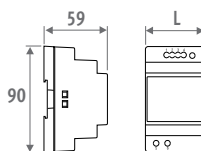
37603 010002

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

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

JAGA BMS 0-10V CONTROL

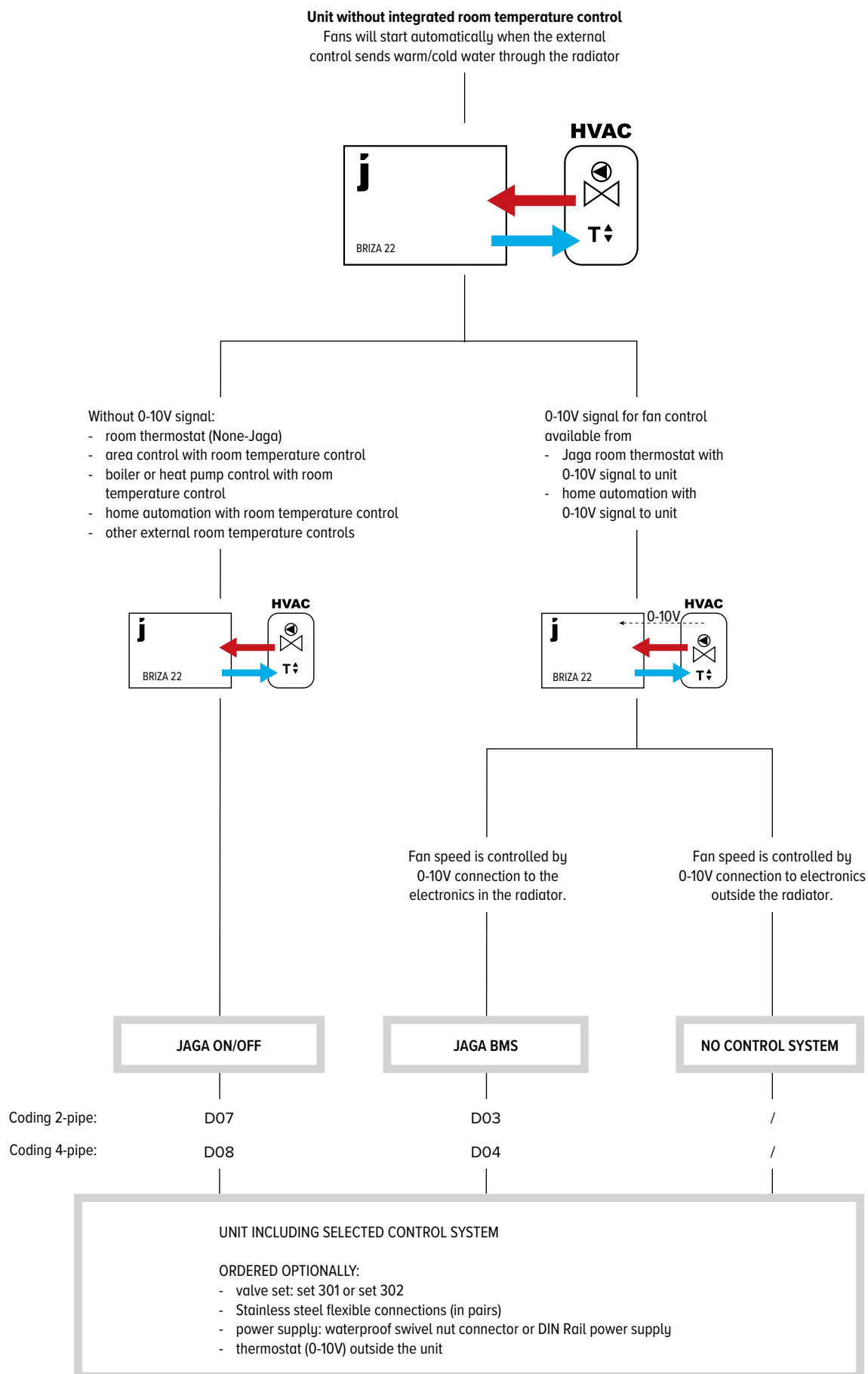
- Upon request for cold or heat, a BMS/home automation system or a JAGA thermostat will open the thermoelectric valve.
- When heat or cold is requested, a BMS/home automation system or JAGA thermostat will transmit a 0-10V signal.
- When the fan recognises cold (<18°C) or hot (>28°C) water, it will rotate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



HEIGHT H cm			LENGTH L cm			TYPE T cm			MAX. MEASURED CURRENT I A			CONTROL VOLTAGE U V			COOLING (non-condensing) Room temperature 27°C 16/18 Watts			COOLING TOTAL Room temperature 27°C 7/12 Watts			PERCEPTIBLE COOLING Room temperature 27°C 7/12 Watts			HEATING Room temperature 20°C 35/30 Watts45/40 Watts50/45 Watts55/45 Watts75/65 Watts					SOUND PRESSURE LEVEL dB(A)			AIR FLOW m³/h			POWER CONSUMPTION Watts			ORDER CODE											
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

model: BT / FT

enter control system code

no control system: (leave blank)

Jaga BMS 0-10V control: D03

Jaga On/off: D07

BRIZA 22 CEILING MOUNTED MODEL

4-PIPE

HEIGHT H cm			LENGTH L cm			TYPE T cm			MAX. MEASURED CURRENT I A			CONTROL VOLTAGE U V			COOLING (non-condensing) Room temperature 27°C 16/18 Watts			COOLING TOTAL Room temperature 27°C 7/12 Watts			PERCEPTIBLE COOLING Room temperature 27°C 7/12 Watts			HEATING Room temperature 20°C 35/30 Watts45/40 Watts50/45 Watts55/45 Watts75/65 Watts					SOUND PRESSURE LEVEL dB(A)			AIR FLOW m³/h			POWER CONSUMPTION Watts			ORDER CODE																								
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 m³ / reverberation time 0.5 sec.

enter colour code

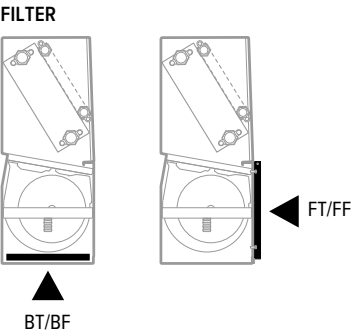
model: BT / FT

enter control system code

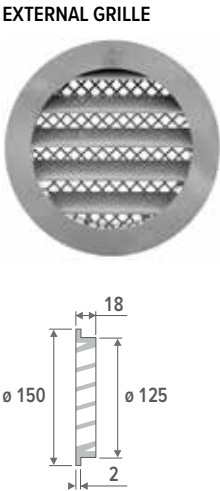
no control system: (leave blank)

Jaga BMS 0-10V control: D04

Jaga On/off: D08



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



- 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

8751 050019

JRT-100 TW
WHITE

8751 050017

JRT-100



8751 050012

JRT-200 W



8751 050021

RDG 260T



8751 050020

RDG264KN



8751 050018

	JRT-100 TB / TW	JRT-100	JRT-200 W	RDG 260T	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)	2	-	-
potential-free contact	-	-	-	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

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

		MAX KABELLÆNGDE (M)									
		5	10	15	20	25	30	40	50	75	100
TOTAL STRØM (W)	100	0,01	0,01	0,02	0,03	0,03	0,04	0,05	0,07	0,10	0,13
	200	0,01	0,03	0,04	0,05	0,07	0,08	0,11	0,13	0,20	0,26
	300	0,02	0,04	0,06	0,08	0,10	0,12	0,16	0,20	0,30	0,40
	400	0,03	0,05	0,08	0,11	0,13	0,16	0,21	0,26	0,40	0,53
	500	0,03	0,07	0,10	0,13	0,17	0,20	0,26	0,33	0,50	0,66
	600	0,04	0,08	0,12	0,16	0,20	0,24	0,32	0,40	0,60	0,79
	700	0,05	0,09	0,14	0,19	0,23	0,28	0,37	0,46	0,69	0,93
	800	0,05	0,11	0,16	0,21	0,26	0,32	0,42	0,53	0,79	1,06
	900	0,06	0,12	0,18	0,24	0,30	0,36	0,48	0,60	0,89	1,19
	1000	0,07	0,13	0,20	0,26	0,33	0,40	0,53	0,66	0,99	1,32
	1100	0,13	0,26	0,40	0,53	0,66	0,79	1,06	1,32	1,98	2,65
	1200	0,20	0,40	0,60	0,79	0,99	1,19	1,59	1,98	2,98	3,97
	1300	0,26	0,53	0,79	1,06	1,32	1,59	2,12	2,65	3,97	
	1400	0,33	0,66	0,99	1,32	1,65	1,98	2,65	3,31		
	1500	0,40	0,79	1,19	1,59	1,98	2,38	3,18	3,97		

MIN. TRÅDSEKTION:

< 0.75 mm ²	< 1.5 mm ²	< 2.5 mm ²	< 4 mm ²
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SAMPLE WIRE DIAGRAMS ELECTRICAL INSTALLATION

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

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

1. POWER SUPPLY

Option 1: component power (inside the unit)

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

2. THERMOSTATIC VALVE

Option 1: on the tap (inside the unit)

Option 2: on the collector (outside the unit)

3. CHOICE OF 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

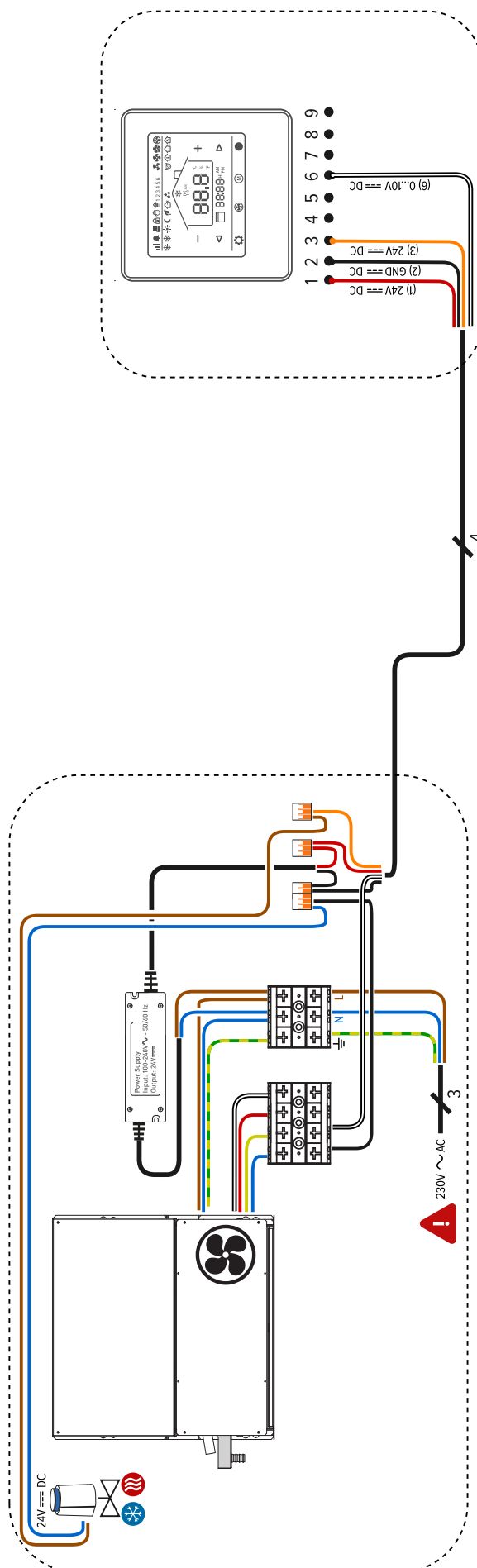
6. UNITS / ZONE

Option 1: one unit

Option 2: multiple units

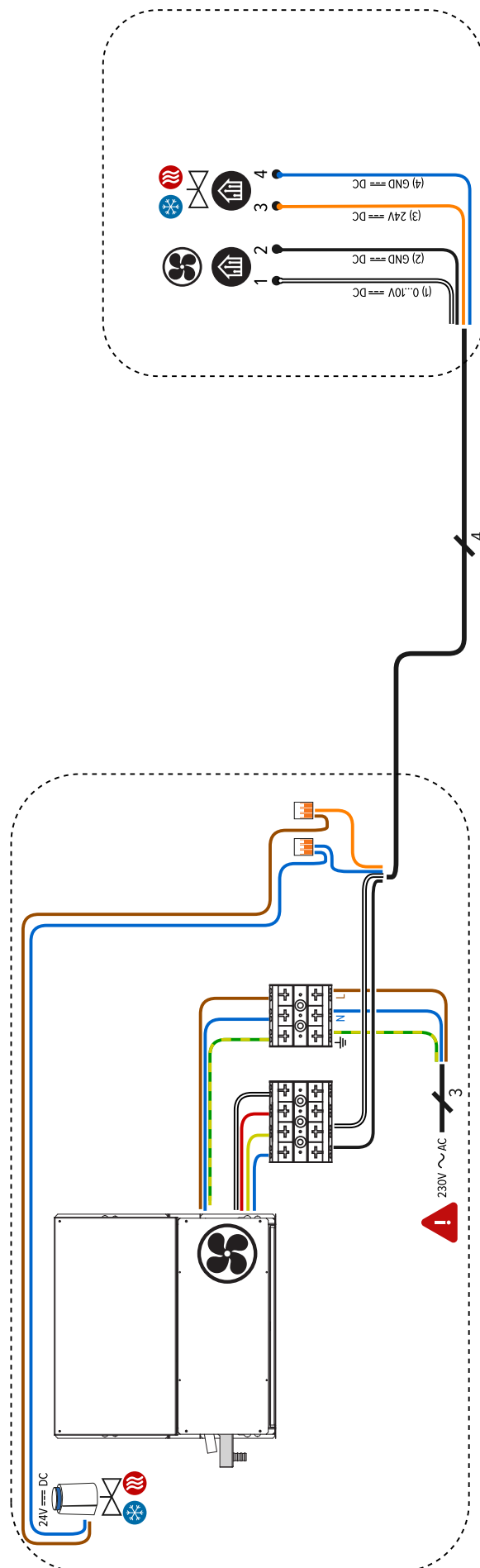
BRIZA 22: SAMPLE DIAGRAM 1

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



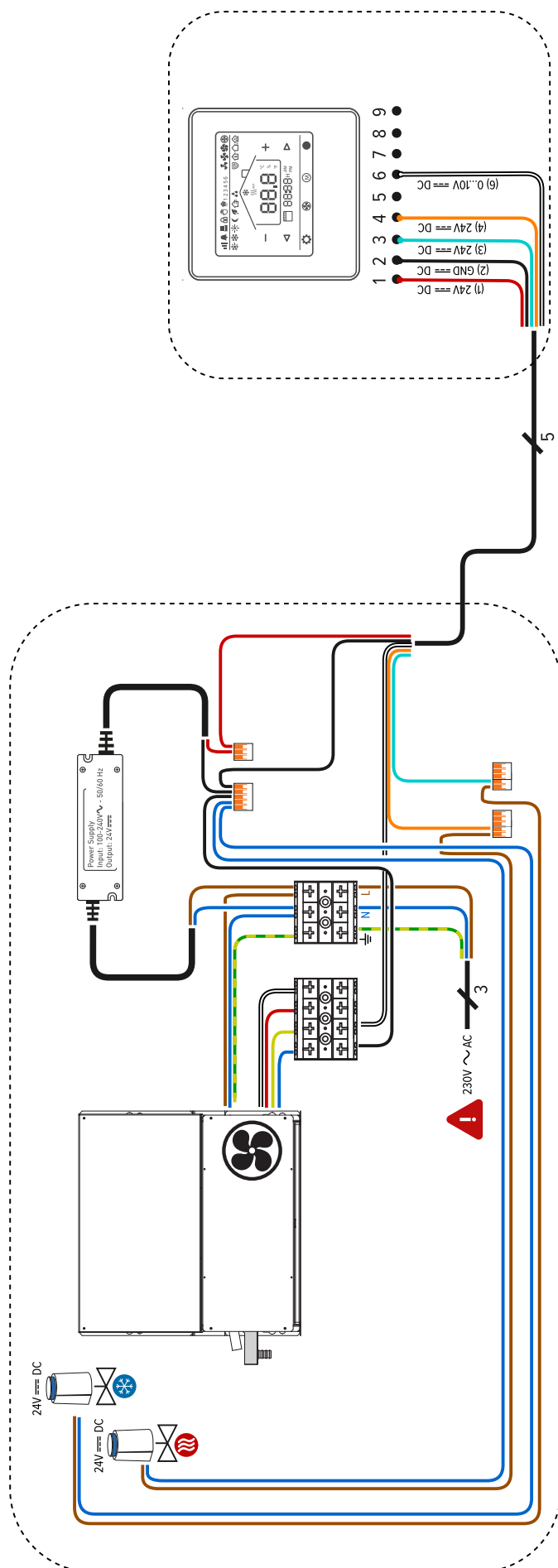
BRIZA 22: SAMPLE DIAGRAM 2

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



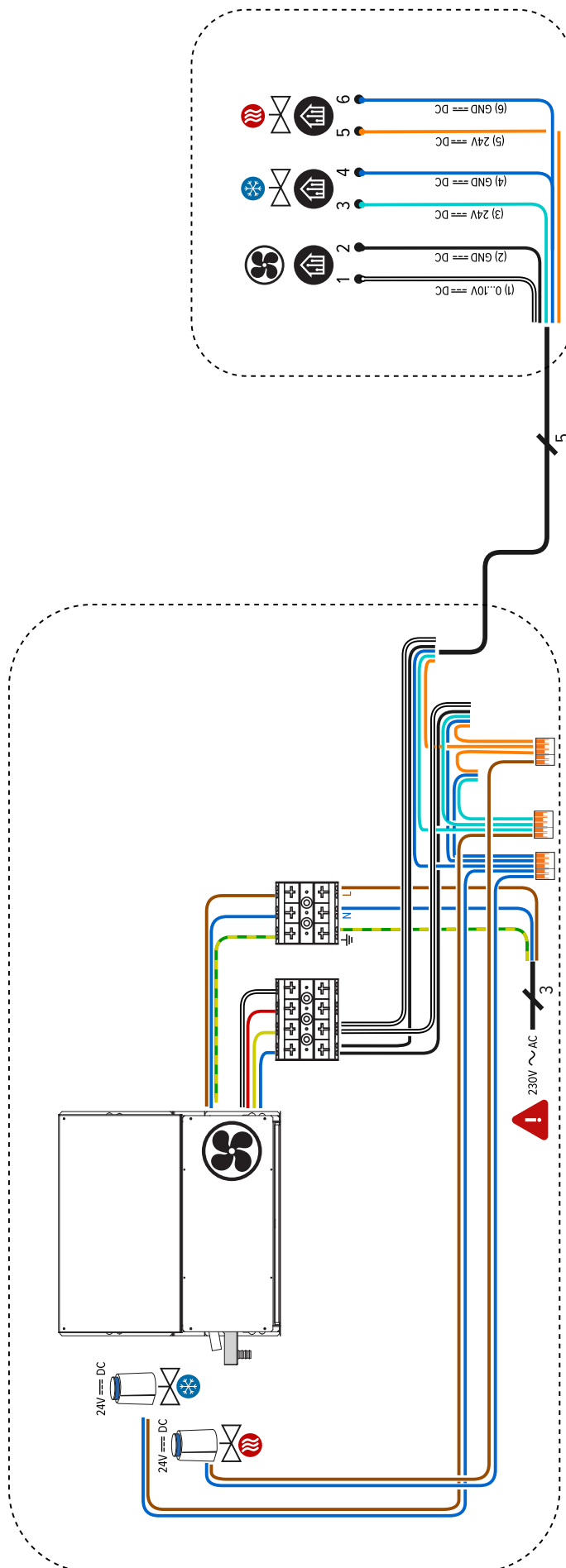
BRIZA 22: SAMPLE DIAGRAM 3

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



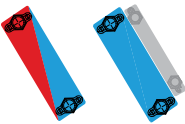
BRIZA 22: SAMPLE DIAGRAM 4

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

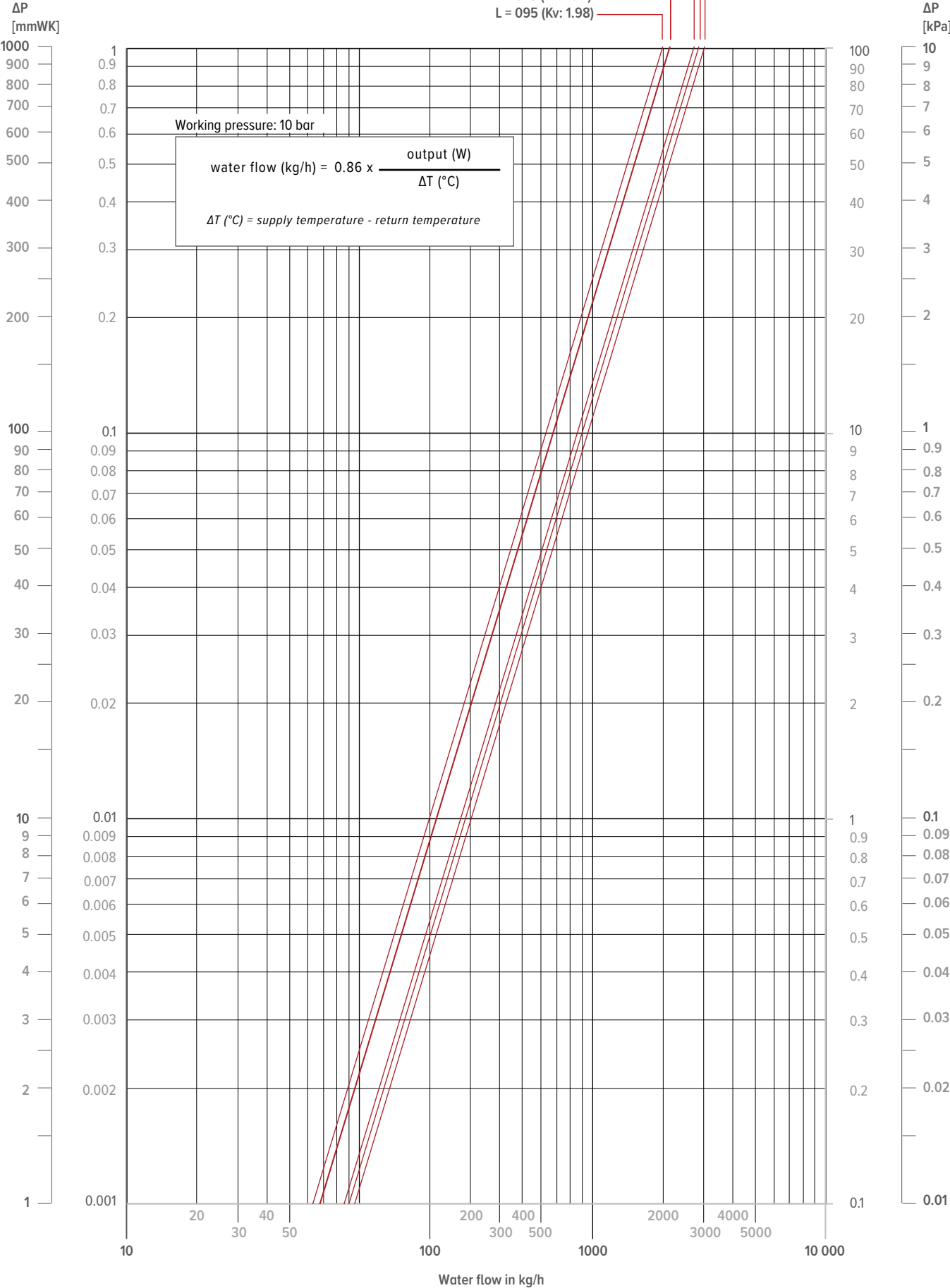


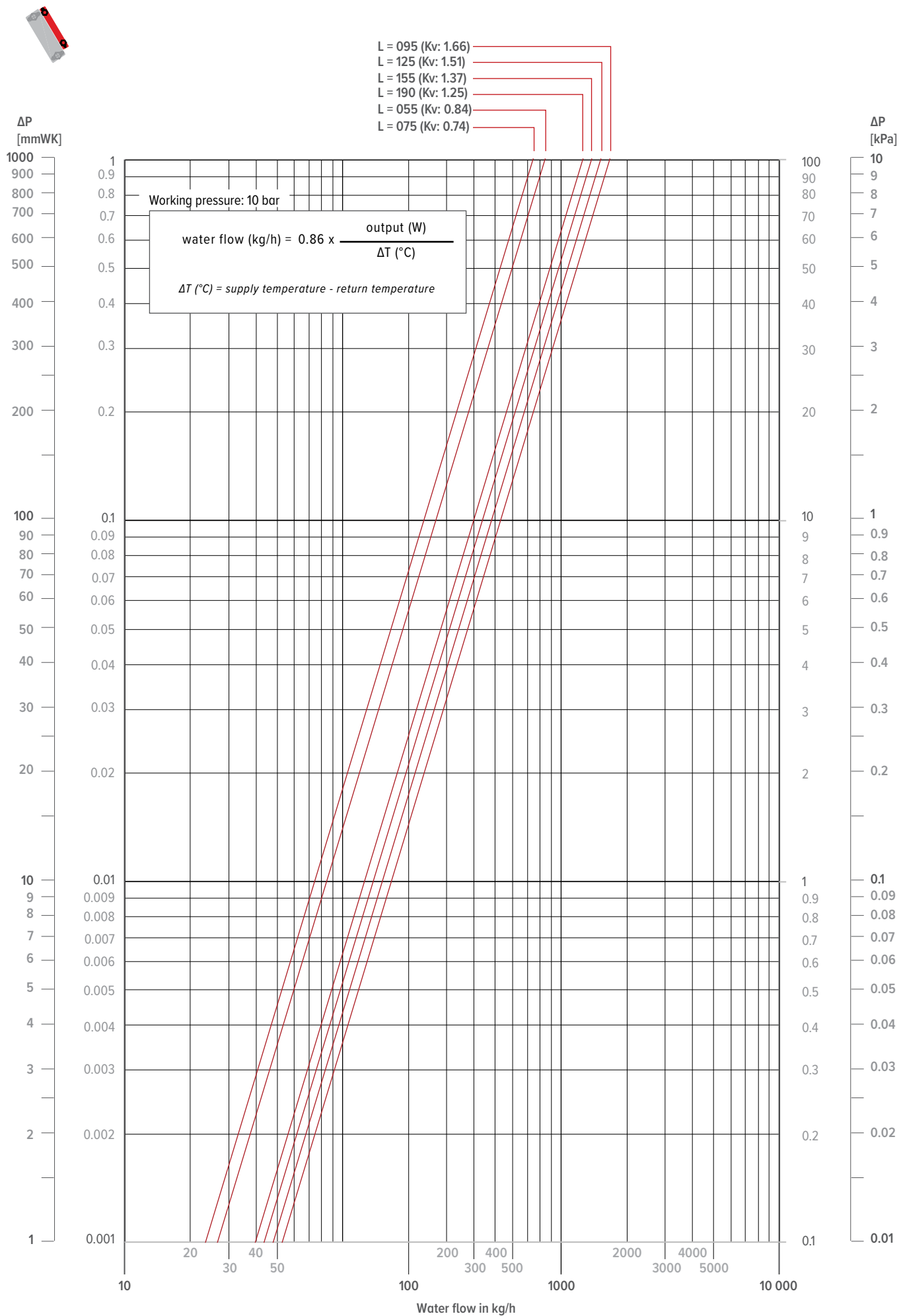
BRIZA 22 - LARGE HEAT EXCHANGER

PRESSURE DROP



- L = 125 (Kv: 3.00)
- L = 155 (Kv: 2.83)
- L = 190 (Kv: 2.70)
- L = 055 (Kv: 2.13)
- L = 075 (Kv: 2.12)
- L = 095 (Kv: 1.98)



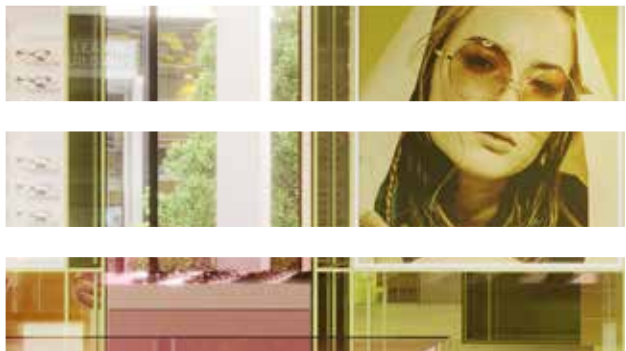


TUBE	outer Ø	Wall thick- ness	Max. water speed (EN10255)	water content per metre	max. water flow	Maximum power at ΔT (° C) (T supply - T return)						
						ΔT 30	ΔT 20	ΔT 10	ΔT 5	ΔT 4	ΔT 3	ΔT 2
						Watts	Watts	Watts	Watts	Watts	Watts	Watts
	mm	mm	m/s	l	kg/h							
GALVANISED PIPE DIN 2440												
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

DEW POINT AIR BY AIR TEMPERATURE AND AIR HUMIDITY AT AIR PRESSURE 1013 HPA
LOWER LIMIT WATER TEMPERATURE 'LIGHT COOLING'

		RELATIVE AIR HUMIDITY (%)					
		40	50	60	70	80	90
AIR TEMPERATURE (°C)	20	6.0	9.3	12.0	14.4	16.4	18.3
	21	6.9	10.2	12.9	15.3	17.4	19.3
	22	7.8	11.1	13.9	16.3	18.4	20.3
	23	8.7	12.0	14.8	17.2	19.4	21.3
	24	9.6	12.9	15.8	18.2	20.3	22.3
	25	10.5	13.9	16.7	19.1	21.3	23.2
	26	11.4	14.8	17.6	20.1	22.3	24.2
	27	12.2	15.7	18.6	21.1	23.3	25.2
	28	13.1	16.6	19.5	22.0	24.2	26.2
	29	14.0	17.5	20.4	23.0	25.2	27.2
	30	14.9	18.4	21.4	23.9	26.2	28.2
	31	15.8	19.4	22.3	24.9	27.1	29.2
	32	16.7	20.3	23.3	25.8	28.1	30.2
	33	17.6	21.2	24.2	26.8	29.1	31.1
	34	18.5	22.1	25.1	27.8	30.1	32.1
	35	19.4	23.0	26.1	28.7	31.0	33.1

If a unit is not equipped with a connected condensate drain, it must be ensured that condensation does not form on the heat exchanger within the unit. This is particularly applicable to Jaga 'light cooling' units. To prevent condensation, the water temperature must be higher than the dew point of the air in which the unit operates. This table shows the minimum water temperature required for a unit to function without condensation forming.



JAGA INTERNATIONAL JAGA NV

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

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