

Function

The tightness towards the outside of distributors for single and double pipe systems with radiators is ensured by an O-ring and a fasit flat gasket placed inside the plastic plug. When in closed position, the tightness is granted by an O-ring. All distributors allow for flow rate adjustment by limiting the lift of the obturator.



Technical data

Max. working pressure:	10 bar
Max. differential pressure:	1 bar
Max. working temperature:	120 °C
Working fluids:	water in compliance with UNI 8065:2019

Materials

Body:	CW 617 N – DW UNI-EN 12165:2016
Obturator:	CW 614 N – DW UNI-EN 12164:2016
O-rings:	Peroxide cured EPDM
Flat gasket:	FASIT
Plug:	RAL9016 white ABS

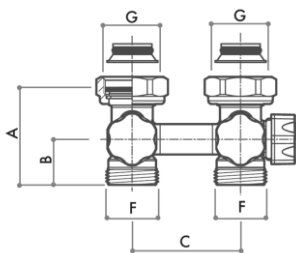
Surface treatment

Nickel-plating

Dimensional Drawings

M 171

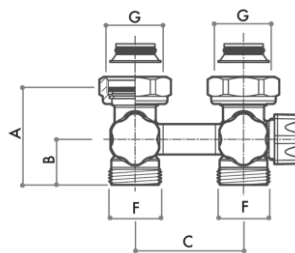
Straight single/double pipe distributor.
Copper and plastic pipe W24x19



Code	Size	A	B	C	F	G
13462100	-	45	21	50	W24x19	G3/4

M 172

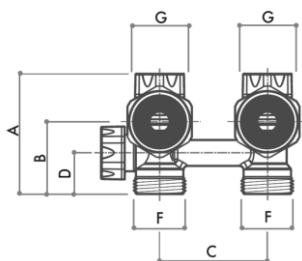
Straight single/double pipe distributor
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	F	G
13462700	-	45	21	50	G3/4Ek	G3/4

M 173

Angle single/double pipe distributor.
Copper and plastic pipe W24x19

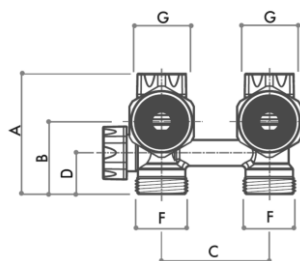


Code	Size	A	B	C	D	E
13462101	-	57	34	50	19	-

Code	Size	F	G	H	L	M
13462101	-	W24x19	G3/4	-	-	-

M 174

Angle single/double pipe distributor
Copper and plastic pipe G3/4 Eurokonus

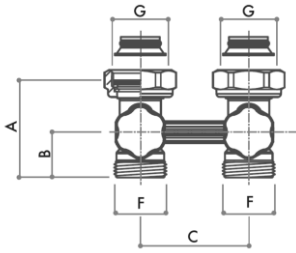


Code	Size	A	B	C	D	E
13462701	-	57	34	50	19	-

Code	Size	F	G	H	L	M
13462701	-	W24x19	G3/4	-	-	-

M 175

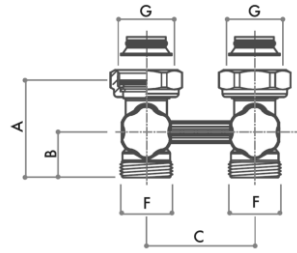
Straight double pipe distributor.
Copper and plastic pipe W24x19



Code	Size	A	B	C	F	G
13472100	-	45	21	50	W24x19	G3/4

M 176

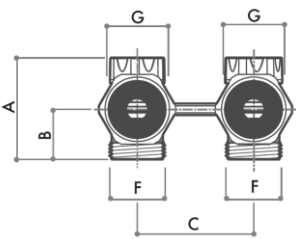
Straight double pipe distributor.
Copper and plastic pipe G3/4 Eurokonus



Code	Size	A	B	C	F	G
13472700	-	45	21	50	G3/4Ek	G3/4

M 177

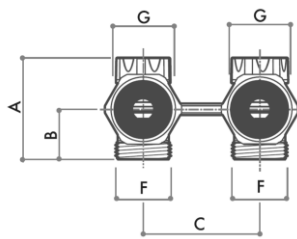
Angle double pipe distributor.
Copper and plastic pipe W24x19



Code	Size	A	B	C	F	G
13472101	-	44	22	50	W24x19	G3/4

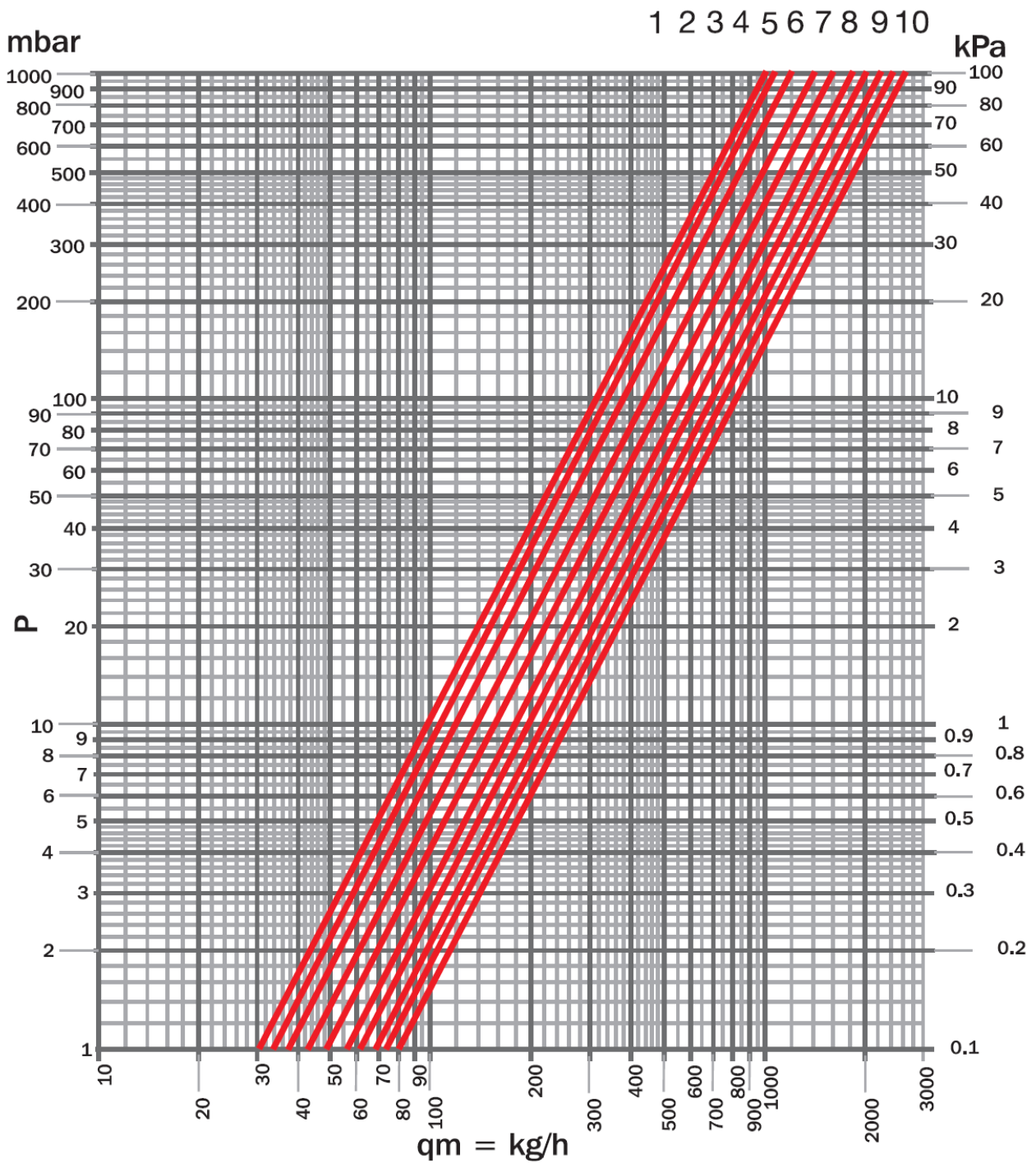
M 178

Angle double pipe distributor.
Copper and plastic pipe G3/4 Eurokonus



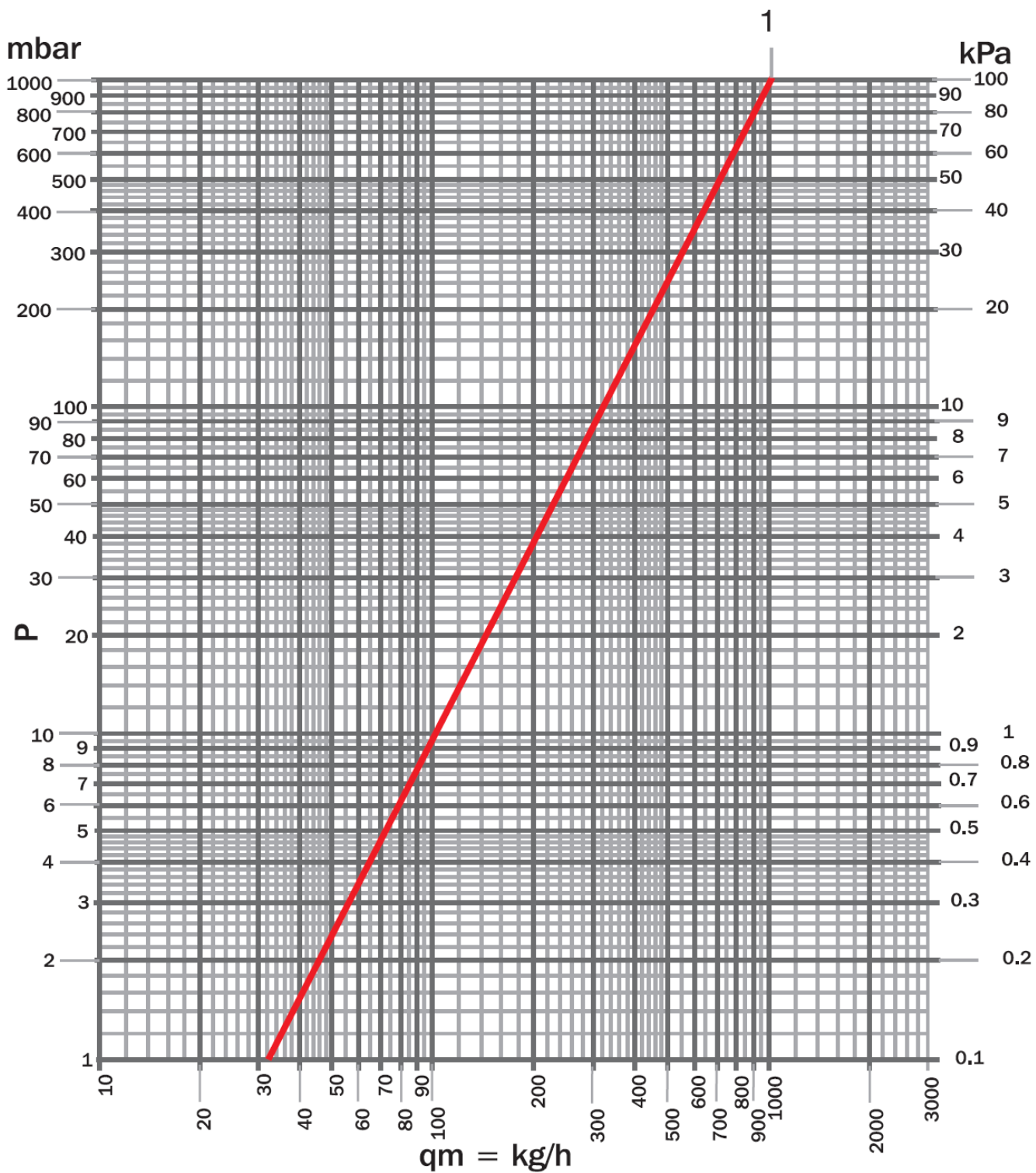
Code	Size	A	B	C	F	G
13472701	-	44	22	50	G3/4Ek	G3/4

Hydraulic Characteristics



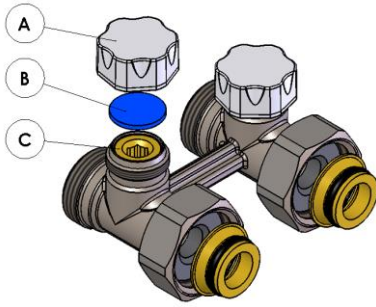
Pos.	Turns	Kv	Kv bypass	Items
1	0	1.00	0	
2	1/4	1.13	0.13	
3	1/2	1.22	0.22	
4	3/4	1.43	0.43	
5	1	1.65	0.65	
6	1+1/4	1.80	0.80	M 171; M 172; M 173; M 174.
7	1+1/2	1.97	0.97	
8	2	2.20	1.20	
9	2+1/2	2.38	1.38	
10	4	2.60	1.60	

Hydraulic Characteristics

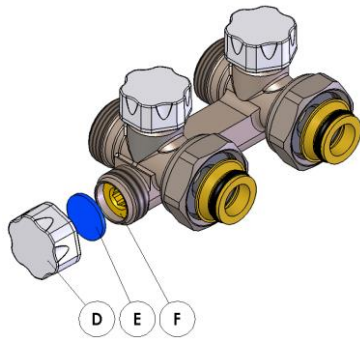


Pos.	Turns	Kv	Ra%	
1	All open	1	100%	M 175; M 176; M 177; M 178.

Working Instructions



- To adjust the flow rate:
 - Unscrew the ABS plug "A";
 - Without forcing, use a 6 mm Allen key to close the obturator "C";
 - Open the obturator for a number of turns as indicated on the flow rate diagram;
 - Screw back the ABS plug "A" taking care of inserting the FASIT flat gasket "B" into it.



- To adjust the bypass:
 - Unscrew the ABS plug "D";
 - Without forcing, use a 6 mm Allen key to close the obturator "F";
 - Open the obturator for a number of turns as indicated on the flow rate diagram;
 - Screw back the ABS plug "D" taking care of inserting the FASIT flat gasket "E" into it.

WARNING: Once the system has been leak tested, please relieve the pressure. A differential pressure over 1 bar between the inlet and the outlet of the valve may cause the sealing O-ring to be expelled.

Item Specifications

M 171

Straight single/double pipe adjusting distribution valve ABS sealing plug. Radiator connection with 3/4 female revolving nut and W24x19 floor connection for copper and plastic pipe. Tightness towards the outside ensured by a peroxide cured EPDM O-ring and a FASIT gasket placed inside the plastic plug. Body in nickel-plated CW617N UNI-EN 12165:2016 brass. When in closed position tightness granted by a peroxide cured EPDM O-ring. Eurokonus brass adapter with peroxide cured EPDM O-ring and conical gasket. Max. working temp. 120 °C, max. working pressure 10 bar, differential pressure 1 bar.

M 172

Straight single/double pipe adjusting distribution valve ABS sealing plug. Radiator connection with 3/4 female revolving nut and Eurokonus floor connection for copper and plastic pipe. Tightness towards the outside ensured by a peroxide cured EPDM O-ring and a FASIT gasket placed inside the plastic plug. Body in nickel-plated CW617N UNI-EN 12165:2016 brass. When in closed position tightness granted by a peroxide cured EPDM O-ring. Eurokonus brass adapter with peroxide cured EPDM O-ring and conical gasket. Max. working temp. 120 °C, max. working pressure 10 bar, differential pressure 1 bar.

M 173

Angle single/double pipe adjusting distribution valve ABS sealing plug. Radiator connection with 3/4 female revolving nut and W24x19 floor connection for copper and plastic pipe. Tightness towards the outside ensured by a peroxide cured EPDM O-ring and a FASIT gasket placed inside the plastic plug. Body in nickel-plated CW617N UNI-EN 12165:2016 brass. When in closed position tightness granted by a peroxide cured EPDM O-ring. Eurokonus brass adapter with peroxide cured EPDM O-ring and conical gasket. Max. working temp. 120 °C, max. working pressure 10 bar, differential pressure 1 bar.

M 174

Angle single/double pipe adjusting distribution valve ABS sealing plug. Radiator connection with 3/4 female revolving nut and W24x19 floor connection for copper and plastic pipe. Tightness towards the outside ensured by a peroxide cured EPDM O-ring and a FASIT gasket placed inside the plastic plug. Body in nickel-plated CW617N UNI-EN 12165:2016 brass. When in closed position tightness granted by a peroxide cured EPDM O-ring. Eurokonus brass adapter with peroxide cured EPDM O-ring and conical gasket. Max. working temp. 120 °C, max. working pressure 10 bar, differential pressure 1 bar.

M 175

Straight double pipe adjusting distribution valve ABS sealing plug. Radiator connection with 3/4 female revolving nut and W24x19 floor connection for copper and plastic pipe. Tightness towards the outside ensured by a peroxide cured EPDM O-ring and a FASIT gasket placed inside the plastic plug. Body in nickel-plated CW617N UNI-EN 12165:2016 brass. When in closed position tightness granted by a peroxide cured EPDM O-ring. Eurokonus brass adapter with peroxide cured EPDM O-ring and conical gasket. Max. working temp. 120 °C, max. working pressure 10 bar, differential pressure 1 bar.

M 176

Straight double pipe adjusting distribution valve ABS sealing plug. Radiator connection with 3/4 female revolving nut and Eurokonus floor connection for copper and plastic pipe. Tightness towards the outside ensured by a peroxide cured EPDM O-ring and a FASIT gasket placed inside the plastic plug. Body in nickel-plated CW617N UNI-EN 12165:2016 brass. When in closed position tightness granted by a peroxide cured EPDM O-ring. Eurokonus brass adapter with peroxide cured EPDM O-ring and conical gasket. Max. working temp. 120 °C, max. working pressure 10 bar, differential pressure 1 bar.

M 177

Angle double pipe adjusting distribution valve ABS sealing plug. Radiator connection with 3/4 female revolving nut and W24x19 floor connection for copper and plastic pipe. Tightness towards the outside ensured by a peroxide cured EPDM O-ring and a FASIT gasket placed inside the plastic plug. Body in nickel-plated CW617N UNI-EN 12165:2016 brass. When in closed position tightness granted by a peroxide cured EPDM O-ring. Eurokonus brass adapter with peroxide cured EPDM O-ring and conical gasket. Max. working temp. 120 °C, max. working pressure 10 bar, differential pressure 1 bar.

M 178

Angle double pipe adjusting distribution valve ABS sealing plug. Radiator connection with 3/4 female revolving nut and W24x19 floor connection for copper and plastic pipe. Tightness towards the outside ensured by a peroxide cured EPDM O-ring and a FASIT gasket placed inside the plastic plug. Body in nickel-plated CW617N UNI-EN 12165:2016 brass. When in closed position tightness granted by a peroxide cured EPDM O-ring. Eurokonus brass adapter with peroxide cured EPDM O-ring and conical gasket. Max. working temp. 120 °C, max. working pressure 10 bar, differential pressure 1 bar.



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