

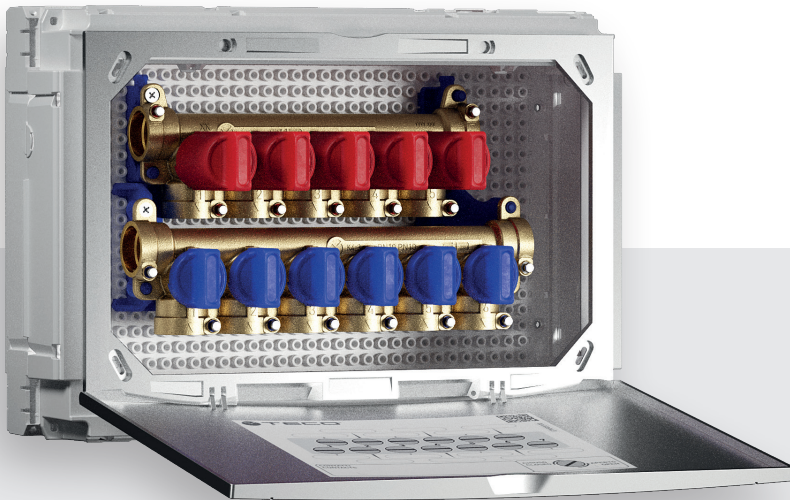
K4.3

PRE-ASSEMBLED FLUSH-MOUNTING MULTIPLE SHUT-OFF DOMESTIC WATER MANIFOLD KIT

Technical data sheet
MCTW018.01 - 12/2023



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APPLICATIONS

- For hot and cold drinking water
- Renovations / new buildings
- Plasterboard/masonry walls.
Minimum thickness 100 mm

TECHNICAL DATA

Pressure:	PN10 (10 bar)
Temperature:	+ 65 °C (+ 90 °C x60')
Valve certification:	DIN DVGW EN 13828 - W570-1
Material certification:	KTW-BWGL



Patent pending

MATERIALS

Body:	Stamped and sandblasted CW617N brass
Balls:	Engineered polymer
Ball seals:	VMQ
OR:	EPDM
Handles:	Blue/Red PA66 (Polyamide)
Sandwich box:	Polyester

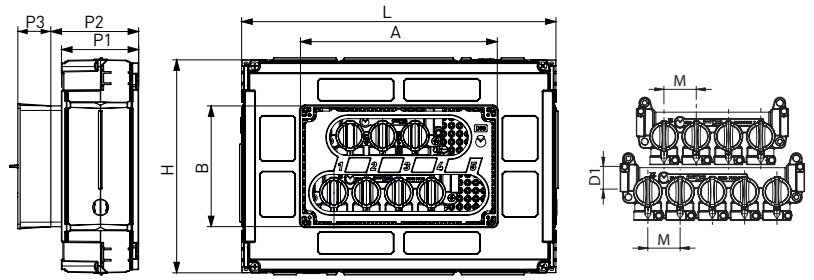
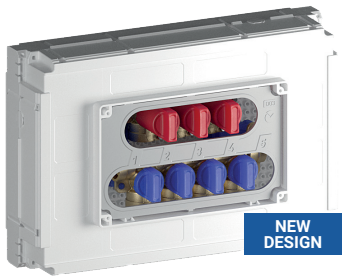
FEATURES

- **K4.3 compact flush-mounting domestic water distribution manifold kit.**
- Shut-off valves on the individual outlets.
- Different configurations **up to 7 cold + 6 hot outlets.**
- **Design faceplate with magnetic closure**, available in a range of finishes.
- Full port valve with **"Soft Turn" ANTI-JAMMING** control.
- Pre-assembled in a serviceable sandwich box with knock-outs on all four sides.
- Identification of utilities with stickers to be applied to the control hand wheel or inside the faceplate.
- Fast system connections **FASTEC®**

TECO Srl
Via Sandro Pertini, 39/41 - Zona industriale Noccole, 25050 Provaglio d'Iseo (BS)

+39 030 6850510 | +39 030 6850555
info@tecosrl.it | www.tecosrl.it





Kit code	Outlets cold	Outlets hot	DN	Connections	D1	M	L	H	P1	P2	P3	A	B	Pack
				FASTEC®										
K403DF10200	4	3	DN10	F13	F13	32	310	210	76	87	33	194	119	5
K403DF10100	5	4	DN10	F13	F13	32	310	210	76	87	33	194	119	5

Includes: fixing brackets, site protection and adhesive labels for utility identification.

Does not include: faceplate **D03** and fittings.

Application examples

Inlet from below or above

RF12210100

KA00K00002

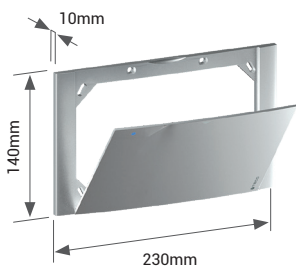
Tight spaces:
The new design of the K4.3 allows for inlets from below or above within the box.

Downward recirculation configuration

RF12210100

KA00F10001

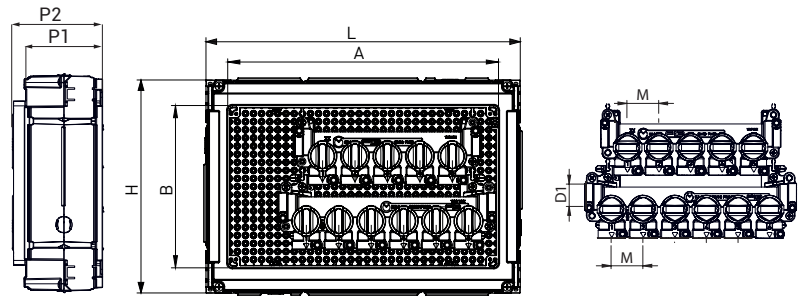
D03 Faceplate with magnetic door for K4.3 with 4+3 and 5+4 outlets



Door dimensions D03:
230 x 140 x 10 mm

Accessories:
• Fixing screws

Code	Finish	Pack
KPLD0301600	White	5
KPLD0301M00	Polished chrome	1
KPLD0301800	Silver	1
KPLD0301A00	Black Soft Touch	1



Kit code	Outlets cold	Outlets hot	DN	Connections	D1	M	L	H	P1	P2	P3	A	B	Pack
				FASTEC®										
K403EF10100	6	5	DN10	F13	F13	32	310	210	76	87	33	267	160	5

Includes: fixing brackets, site protection and adhesive labels for utility identification.

Does not include: faceplate **E03** and fittings.

UTILITY EXTENSION: possible combinations with K4.3 manifold up to 7+6 outlets

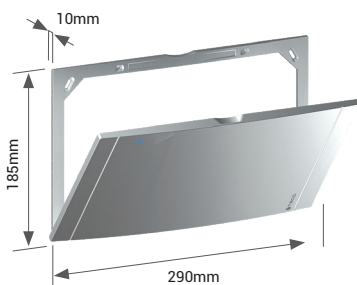
The 6+5 manifold can be adapted to various requirements with up to a maximum of 7+6 outlets, thanks to the addition of the Fastec T-valve.

T-Valve	DN	Connections	KV*	Pack
		FASTEC®		
T4P12C2100	DN10	F13 F / M / F	4.0	5

* Flow rate m³/h for a pressure drop of 1 bar.

No. of additional T-valves	Outlets cold	Outlets hot
x2	7	6
x1	6	6
x1	7	5

Main shut-off valves can also be fitted (page 4)



Door dimensions E03:




290 x 185 x 10 mm

Accessories:



- Fixing screws

Code	Finish	Pack
KPLE0301600	White	5
KPLE0301M00	Polished chrome	1
KPLE0301800	Silver	1
KPLE0301A00	Black Soft Touch	1

F13 Adapters

	Code	Description	Pack
	RF12210100	F13 90° M / F	10
	KA00F10001	Dual joint F13 Twin F / F / M	10
	KA00K00002	F13 Plug M	10

F13 KV 5.8 BOOST Valves

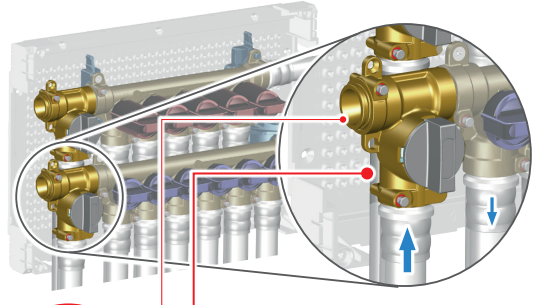
Code	DN	Connection	KV**	Pack
		FASTEC®		
 T4P32C2100	DN15	F13 F / M / F	5.8	10
 *T4P32C3100	DN15	F13 M / F / F	5.8	10

* For main RIGHT-HAND shut-off.
 ** Flow rate m³/h for a pressure drop of 1 bar.

Application examples for K4.3 6+5 manifold with FASTEC KV 5.8 BOOST valve

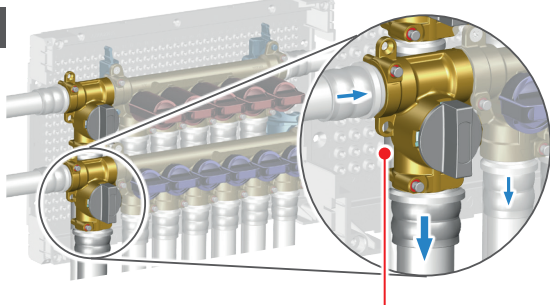
The BOOST valve can be used as a main shut-off (Example A), or to convert a 6+5 manifold into 7+6 with a higher flow rate outlet (Example B).

A




KA00K00002

B



T4P32C2100

FASTEC®
 THE FAST AND SECURE PLUMBING CONNECTION
 Plumbing connection with pin locking.




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HOW TO CHOOSE FASTEC?

The table shows the correspondence between Fastec connections and commonly used diameters.

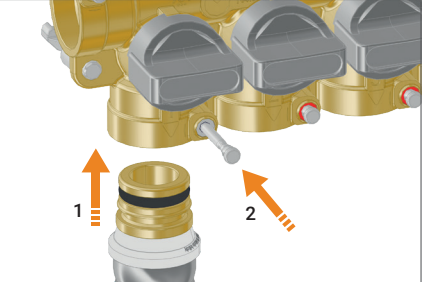
TRADITIONAL CONNECTIONS			
FASTEC®	DN	INCHES	MULTILAYER / PEX PIPE
F13	15	1/2"	Ø 12 - 16 - 20 - 25 - 26



M - Connection Male

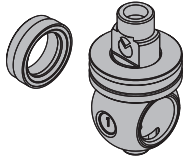


F - Connection Female



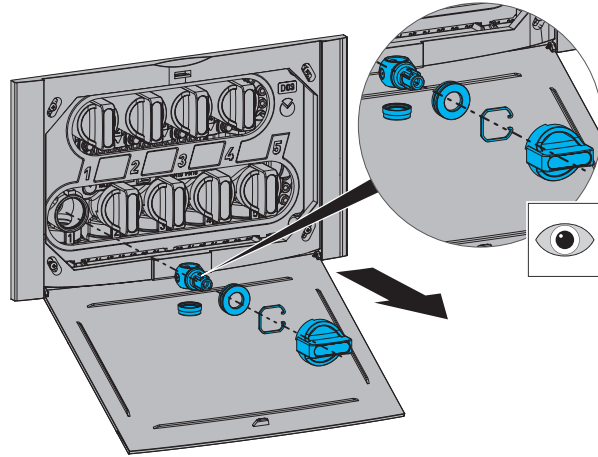
1. Insert the fitting with the pin raised.
2. Lower the locking pin to secure the connection.

TECO control kit for K4.3 flush-mounting multiple shut-off domestic water manifold kit

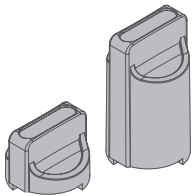


Code	DN	Pack
KR00K00002	DN10	1

VALVE MAINTENANCE - TECO CONTROL



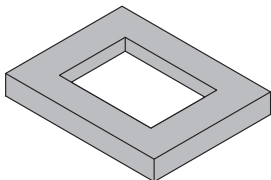
Handle kit for K4.3 flush-mounting multiple shut-off domestic water manifold kit



Includes:
Control handle kit (2)

Code	Colour	Pack
KA00K40004	BLUE / RED	1

Maintenance frame for K4.3 flush-mounting multiple shut-off domestic water manifold kit **D03** Compatible faceplate



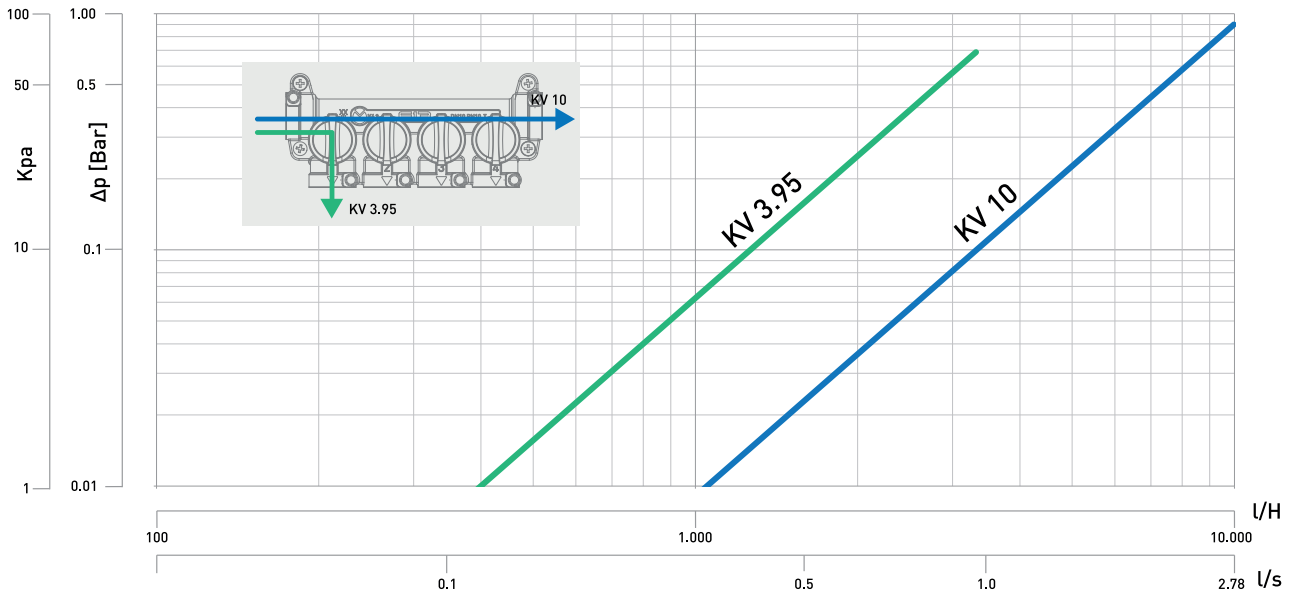
Maintenance frame dimensions compatible with plate **D03 :**
250 x 160 x 20 cm

Code	Pack
KRPL0005	1



THE MAINTENANCE FRAME IS USED WHEN THE BOX IS INSTALLED INCORRECTLY AND PROTRUDES FROM THE WALL.

PRESSURE DROP DIAGRAM



SPECIFICATION TEXT

K4.3: Flush-mounting multiple shut-off manifold kit with 4+3 and 5+4 outlets

A compact pre-assembled distribution manifold kit with 5 cold + 4 hot outlets (K403DF10100) or 4 cold + 3 hot outlets (K403DF10200), brass body with Top Entry removable shut-off valves on each outlet in accordance with the EN 13828 standard, with "Soft Turn" seals and PPSU full-flow balls. Quick coupling fittings with FASTEC F13 technology and locking pin. Sandwich box housing made of impact-resistant PS, with plaster protection cover. Faceplate with manually openable door, available in four colours.

Maximum temperature (peak) 90 °C x60'.

Maximum working temperature +65 °C.

Maximum pressure PN10 (10 bar).

K4.3: Flush-mounting multiple shut-off manifold kit with 6+5 outlets

A compact pre-assembled distribution manifold kit with 6 cold + 5 hot outlets (K403EF10100), brass body with Top Entry removable shut-off valves on each outlet in accordance with the EN 13828 standard, with "Soft Turn" seals and PPSU full-flow balls. Quick coupling fittings with FASTEC F13 technology and locking pin. Sandwich box housing made of impact-resistant PS, with plaster protection cover. Faceplate with manually openable door, available in four colours.

Maximum temperature (peak) 90 °C x60'.

Maximum working temperature +65 °C.

Maximum pressure PN10 (10 bar).



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