

Chapter 2 Regardless of its economic value and its size, each component of an optimised system must offer the maximum reliability.

This is why, with our range of pipes, fittings, manifolds and shut-off valves, we want to ensure not only constant performance levels but also absolute peace of mind throughout the working life of the system.



Manifolds

Products

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➤ Distribution manifolds

R551

OUTLETS CENTER DISTANCE 50 MM

PRODUCT CODE	SIZE	☐	⊞
R551Y022	3/4" x 1/2" /2	1	50
R551Y023	3/4" x 1/2" /3	1	50
R551Y024	3/4" x 1/2" /4	1	10
R551Y025	3/4" x 1/2" /5	1	10
R551Y026	3/4" x 1/2" /6	1	10
R551Y027	3/4" x 1/2" /7	1	15
R551Y028	3/4" x 1/2" /8	1	15
R551Y029	3/4" x 1/2" /9	1	15
R551Y030	3/4" x 1/2" /10	1	-
R551Y031	3/4" x 1/2" /11	1	-
R551Y032	3/4" x 1/2" /12	1	10
R551Y062	1" x 1/2" /2	1	15
R551Y063	1" x 1/2" /3	1	12
R551Y064	1" x 1/2" /4	1	6
R551Y065	1" x 1/2" /5	1	8
R551Y066	1" x 1/2" /6	1	8
R551Y067	1" x 1/2" /7	1	10
R551Y068	1" x 1/2" /8	1	10
R551Y069	1" x 1/2" /9	1	10
R551Y070	1" x 1/2" /10	1	8
R551Y071	1" x 1/2" /11	1	10
R551Y072	1" x 1/2" /12	1	6
R551Y082	1 1/4" x 1/2" /2	1	10
R551Y083	1 1/4" x 1/2" /3	1	10
R551Y084	1 1/4" x 1/2" /4	1	5
R551Y085	1 1/4" x 1/2" /5	1	5
R551Y086	1 1/4" x 1/2" /6	1	5
R551Y087	1 1/4" x 1/2" /7	1	7
R551Y088	1 1/4" x 1/2" /8	1	7
R551Y089	1 1/4" x 1/2" /9	1	7
R551Y090	1 1/4" x 1/2" /10	1	7
R551Y091	1 1/4" x 1/2" /11	1	6
R551Y092	1 1/4" x 1/2" /12	1	5



Distribution manifold with female threaded outlets.

Temperature range: 5-110 °C

Max. working pressure: 16 bar

Production on customized drawing available, after an assessment of our Technical Department.

OUTLETS CENTER DISTANCE 70 MM

PRODUCT CODE	SIZE	☐	⊞
R551Y102	1 1/4" x 3/4" /2	1	8
R551Y103	1 1/4" x 3/4" /3	1	5
R551Y104	1 1/4" x 3/4" /4	1	5
R551Y105	1 1/4" x 3/4" /5	1	8
R551Y106	1 1/4" x 3/4" /6	1	7

OUTLETS CENTER DISTANCE 100 MM

R551Y182	1 1/2" x 1" /2	1	3
R551Y183	1 1/2" x 1" /3	1	3
R551Y184	1 1/2" x 1" /4	1	5
R551Y185	1 1/2" x 1" /5	1	5
R551Y186	1 1/2" x 1" /6	1	3
R551Y187	1 1/2" x 1" /7	1	3
R551Y188	1 1/2" x 1" /8	1	3
R551Y189	1 1/2" x 1" /9	1	2
R551Y190	1 1/2" x 1" /10	1	2
R551Y191	1 1/2" x 1" /11	1	2
R551Y192	1 1/2" x 1" /12	1	-
R551Y162	2" x 1" /2	1	4
R551Y163	2" x 1" /3	1	4
R551Y164	2" x 1" /4	1	2
R551Y165	2" x 1" /5	1	2
R551Y166	2" x 1" /6	1	2



R551S

BASE 18

PRODUCT CODE	SIZE		
R551SY002	3/4" x 18 /2	1	16
R551SY003	3/4" x 18 /3	1	15
R551SY004	3/4" x 18 /4	1	7
R551SY005	3/4" x 18 /5	1	8
R551SY006	3/4" x 18 /6	1	6
R551SY007	3/4" x 18 /7	1	10
R551SY008	3/4" x 18 /8	1	10
R551SY009	3/4" x 18 /9	1	10
R551SY010	3/4" x 18 /10	1	10
R551SY011	3/4" x 18 /11	1	10
R551SY022	1" x 18 /2	1	12
R551SY023	1" x 18 /3	1	10
R551SY024	1" x 18 /4	1	5
R551SY025	1" x 18 /5	1	5
R551SY026	1" x 18 /6	1	5
R551SY027	1" x 18 /7	1	8
R551SY028	1" x 18 /8	1	6
R551SY029	1" x 18 /9	1	8
R551SY030	1" x 18 /10	1	6
R551SY031	1" x 18 /11	1	7
R551SY032	1" x 18 /12	1	7
R551SY042	1 1/4" x 18 /2	1	8
R551SY043	1 1/4" x 18 /3	1	4
R551SY044	1 1/4" x 18 /4	1	4
R551SY045	1 1/4" x 18 /5	1	4
R551SY046	1 1/4" x 18 /6	1	3
R551SY047	1 1/4" x 18 /7	1	5
R551SY048	1 1/4" x 18 /8	1	5
R551SY049	1 1/4" x 18 /9	1	5
R551SY050	1 1/4" x 18 /10	1	6
R551SY051	1 1/4" x 18 /11	1	5
R551SY052	1 1/4" x 18 /12	1	5

For connection to the pipe use the base 18 R178, R179, R179AM adaptors



Distribution manifold with outlets with base or Eurocone adaptor connections.
Outlets centre distance 50 mm.
Temperature range: 5-110 °C
Max. working pressure: 16 bar



EUROCONE CONNECTION

PRODUCT CODE	SIZE		
R551SY062	1" x 3/4" Eurocone /2	1	30
R551SY063	1" x 3/4" Eurocone /3	1	20
R551SY064	1" x 3/4" Eurocone /4	1	20
R551SY065	1" x 3/4" Eurocone /5	1	20
R551SY066	1" x 3/4" Eurocone /6	1	10
R551SY067	1" x 3/4" Eurocone /7	1	10
R551SY068	1" x 3/4" Eurocone /8	1	10
R551SY069	1" x 3/4" Eurocone /9	1	10
R551SY070	1" x 3/4" Eurocone /10	1	10
R551SY071	1" x 3/4" Eurocone /11	1	10
R551SY082	3/4" x 3/4" Eurocone /2	1	30
R551SY083	3/4" x 3/4" Eurocone /3	1	20
R551SY084	3/4" x 3/4" Eurocone /4	1	20
R551SY085	3/4" x 3/4" Eurocone /5	1	20
R551SY086	3/4" x 3/4" Eurocone /6	1	10
R551SY087	3/4" x 3/4" Eurocone /7	1	10
R551SY088	3/4" x 3/4" Eurocone /8	1	10
R551SY089	3/4" x 3/4" Eurocone /9	1	10

For connection to the pipe use the base 3/4" Eurocone adaptors

R582A

PRODUCT CODE	SIZE		
R582AY002	1 1/4" x 3/4" /2	1	20
R582AY003	1 1/4" x 3/4" /3	1	10
R582AY004	1 1/4" x 3/4" /4	1	10
R582AY005	1 1/4" x 3/4" /5	1	10
R582AY006	1 1/4" x 3/4" /6	1	5



Distribution manifold with female threaded outlets.
Outlets centre distance: 100 mm.
Temperature range: 5-110 °C
Max. working pressure: 16 bar

R553S

BASE 18

PRODUCT CODE	SIZE	□	⊞
R553SY002	1" x 18 /2	1	10
R553SY003	1" x 18 /3	1	10
R553SY004	1" x 18 /4	1	5
R553SY005	1" x 18 /5	1	5
R553SY006	1" x 18 /6	1	5
R553SY007	1" x 18 /7	1	6
R553SY008	1" x 18 /8	1	6
R553SY009	1" x 18 /9	1	6
R553SY010	1" x 18 /10	1	6
R553SY011	1" x 18 /11	1	6
R553SY012	1" x 18 /12	1	6
R553SY022	1 1/4" x 18 /2	1	8
R553SY023	1 1/4" x 18 /3	1	6
R553SY024	1 1/4" x 18 /4	1	3
R553SY025	1 1/4" x 18 /5	1	4
R553SY026	1 1/4" x 18 /6	1	4
R553SY027	1 1/4" x 18 /7	1	5
R553SY028	1 1/4" x 18 /8	1	5
R553SY029	1 1/4" x 18 /9	1	5
R553SY030	1 1/4" x 18 /10	1	5
R553SY031	1 1/4" x 18 /11	1	5
R553SY032	1 1/4" x 18 /12	1	5

For connection to the pipe use the base 18 R178, R179, R179AM adaptors



Delivery manifold with lockshields, with outlets with base or Eurocone adaptor connections. Outlets centre distance 50 mm. Temperature range: 5÷110 °C. Max. working pressure: 10 bar

INFO

Use key R558 or R558N for the balancing.



EUROCONE CONNECTION

PRODUCT CODE	SIZE	□	⊞
R553SY042	1" x 3/4" Eurocone /2	1	10
R553SY043	1" x 3/4" Eurocone /3	1	10
R553SY044	1" x 3/4" Eurocone /4	1	5
R553SY045	1" x 3/4" Eurocone /5	1	5
R553SY046	1" x 3/4" Eurocone /6	1	5
R553SY047	1" x 3/4" Eurocone /7	1	6
R553SY048	1" x 3/4" Eurocone /8	1	6
R553SY049	1" x 3/4" Eurocone /9	1	6
R553SY050	1" x 3/4" Eurocone /10	1	6

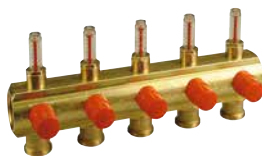
For connection to the pipe use the base 3/4" Eurocone adaptors

R553M

BASE 18

PRODUCT CODE	SIZE	□	⊞
R553MY002	1" x 18 /2	1	10
R553MY003	1" x 18 /3	1	10
R553MY004	1" x 18 /4	1	10
R553MY005	1" x 18 /5	1	-
R553MY006	1" x 18 /6	1	-
R553MY007	1" x 18 /7	1	-
R553MY008	1" x 18 /8	1	-
R553MY009	1" x 18 /9	1	-
R553MY010	1" x 18 /10	1	-
R553MY011	1" x 18 /11	1	-
R553MY012	1" x 18 /12	1	-
R553MY102	1" x 18 /2 *	1	10
R553MY103	1" x 18 /3 *	1	10
R553MY104	1" x 18 /4 *	1	10
R553MY105	1" x 18 /5 *	1	-
R553MY106	1" x 18 /6 *	1	-
R553MY107	1" x 18 /7 *	1	-
R553MY108	1" x 18 /8 *	1	-
R553MY109	1" x 18 /9 *	1	-
R553MY110	1" x 18 /10 *	1	-
R553MY111	1" x 18 /11 *	1	-
R553MY112	1" x 18 /12 *	1	-
R553MY124	1 1/4" x 18 /4 *	1	-
R553MY125	1 1/4" x 18 /5 *	1	-
R553MY126	1 1/4" x 18 /6 *	1	-
R553MY127	1 1/4" x 18 /7 *	1	-
R553MY128	1 1/4" x 18 /8 *	1	-
R553MY129	1 1/4" x 18 /9 *	1	-
R553MY130	1 1/4" x 18 /10 *	1	-
R553MY131	1 1/4" x 18 /11 *	1	-
R553MY132	1 1/4" x 18 /12 *	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors



Delivery manifold with lockshields and flow meters (scale: 0,5-5 l/min), with outlets with base or Eurocone adaptor connections. Outlets centre distance 50 mm. Temperature range: 5÷110 °C. Max. working pressure: 10 bar

INFO

Use key R558 or R558N for the balancing.



EUROCONE CONNECTION



PRODUCT CODE	SIZE	□	⊞
R553MY042	1" x 3/4" Eurocone /2	1	10
R553MY043	1" x 3/4" Eurocone /3	1	10
R553MY044	1" x 3/4" Eurocone /4	1	10
R553MY045	1" x 3/4" Eurocone /5	1	-
R553MY046	1" x 3/4" Eurocone /6	1	-
R553MY047	1" x 3/4" Eurocone /7	1	-
R553MY048	1" x 3/4" Eurocone /8	1	-
R553MY049	1" x 3/4" Eurocone /9	1	-
R553MY050	1" x 3/4" Eurocone /10	1	-
R553MY051	1" x 3/4" Eurocone /11	1	-
R553MY052	1" x 3/4" Eurocone /12	1	-

For connection to the pipe use the base 3/4" Eurocone adaptors

* With flow meters scale 0,4-2,6 l/min.

R553V

BASE 18



PRODUCT CODE	SIZE		
R553VY002	1" x 18 /2	1	6
R553VY003	1" x 18 /3	1	6
R553VY004	1" x 18 /4	1	2
R553VY005	1" x 18 /5	1	3
R553VY006	1" x 18 /6	1	3
R553VY007	1" x 18 /7	1	4
R553VY008	1" x 18 /8	1	3
R553VY009	1" x 18 /9	1	4
R553VY010	1" x 18 /10	1	3
R553VY011	1" x 18 /11	1	3
R553VY012	1" x 18 /12	1	4
R553VY022	1 1/4" x 18 /2	1	5
R553VY023	1 1/4" x 18 /3	1	2
R553VY024	1 1/4" x 18 /4	1	2
R553VY025	1 1/4" x 18 /5	1	2
R553VY026	1 1/4" x 18 /6	1	2
R553VY027	1 1/4" x 18 /7	1	3
R553VY028	1 1/4" x 18 /8	1	3
R553VY029	1 1/4" x 18 /9	1	3
R553VY030	1 1/4" x 18 /10	1	3
R553VY031	1 1/4" x 18 /11	1	3
R553VY032	1 1/4" x 18 /12	1	3

For connection to the pipe use the base 18 R178, R179, R179AM adaptors



Return manifold with shut-off valves with manual handwheels, with outlets with base or Eurocone adaptor connections. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators. Outlets centre distance 50 mm. Temperature range: 5÷110 °C. Max. working pressure: 10 bar



EUROCONE CONNECTION

PRODUCT CODE	SIZE		
R553VY042	1" x 3/4" Eurocone /2	1	15
R553VY043	1" x 3/4" Eurocone /3	1	10
R553VY044	1" x 3/4" Eurocone /4	1	10
R553VY045	1" x 3/4" Eurocone /5	1	10
R553VY046	1" x 3/4" Eurocone /6	1	10
R553VY047	1" x 3/4" Eurocone /7	1	5
R553VY048	1" x 3/4" Eurocone /8	1	5
R553VY049	1" x 3/4" Eurocone /9	1	5
R553VY050	1" x 3/4" Eurocone /10	1	5
R553VY051	1" x 3/4" Eurocone /11	1	5
R553VY052	1" x 3/4" Eurocone /12	1	5

For connection to the pipe use the base 3/4" Eurocone adaptors

➤ Modular manifolds

R583D

PRODUCT CODE	SIZE		
R583DY012	1" x 18 /2	1	5
R583DY013	1" x 18 /3	1	8

For connection to the pipe use the base 18 R178, R179, R179AM adaptors



Modular manifold with lockshields, with outlets with base adaptor connections. Outlets centre distance 50 mm. Temperature range: 5÷110 °C. Max. working pressure: 10 bar

ⓘ INFO

Use key R558 or R558N for the balancing.



R583V



PRODUCT CODE	SIZE		
R583VY032	1" x 18 /2	1	4
R583VY033	1" x 18 /3	1	8

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Modular manifold with shut-off valves with manual handwheels, with outlets with base adaptor connections. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators. Outlets centre distance 50 mm. Temperature range: 5÷110 °C. Max. working pressure: 10 bar



R583DD

PRODUCT CODE	SIZE		
R583DY002	1" x 18 /2	1	10
R583DY003	1" x 18 /3	1	10

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Modular manifolds (delivery and return) with lockshields, with outlets with base adaptor connections.

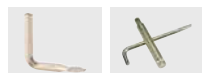
Outlets centre distance 50 mm.

Temperature range: 5÷110 °C



Max. working pressure: 10 bar

INFO

Use key R558 or R558N for the balancing.



R583VD

PRODUCT CODE	SIZE		
R583Y062	1" x 18 /2	1	10
R583Y063	1" x 18 /3	1	10

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Modular manifolds with outlets with base adaptor connections: delivery manifold with lockshields and return manifold with shut-off valves with manual handwheels. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.

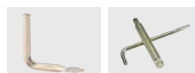
Outlets centre distance 50 mm.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

INFO

Use key R558 or R558N for the balancing.



R580M

PRODUCT CODE	SIZE		
R580MY006	DN32 x 18	1	50
R580MY106	DN32 x 3/4" Eurocone	1	50

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors

Modular manifold with quick connection, with outlets with base or Eurocone adaptor connections.

DN25: outlets centre distance 35 mm.



DN32: outlets centre distance 50 mm.

Temperature range: 5÷90 °C

Max. working pressure: 10 bar



R580T

PRODUCT CODE	SIZE		
R580TY006	DN32 x 1" x 18	1	40
R580TY106	DN32 x 1" x 3/4" Eurocone	1	40

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors

Start and end module of modular manifolds, with quick connections, with outlets with base or Eurocone adaptor connections.

DN25: outlets centre distance 35 mm.

DN32: outlets centre distance 50 mm.

Temperature range: 5÷90 °C

Max. working pressure: 10 bar



R53SM

PRODUCT CODE	SIZE		
R53SMY006	DN32 x 18	1	20
R53SMY106	DN32 x 3/4" Eurocone	1	20

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors

Modular manifold with lockshield, with quick connection, with outlets with base or Eurocone adaptor connections.

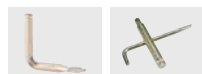
DN32: outlets centre distance 50 mm.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

INFO

Use key R558 or R558N for the balancing.



R53ST

PRODUCT CODE	SIZE		
R53STY006	DN32 x 1" x 18	1	20
R53STY007	DN32 x 1 1/4" x 18	1	20
R53STY106	DN32 x 1" x 3/4" Eurocone	1	20
R53STY107	DN32 x 1 1/4" x 3/4" Eurocone	1	20

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors

Start and end module of modular manifolds with lockshields, with quick connections, with outlets with base or Eurocone adaptor connections.

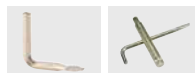
DN32: outlets centre distance 50 mm.

Temperature range: 5÷110 °C



Max. working pressure: 10 bar

INFO

Use key R558 or R558N for the balancing.



R53MM

PRODUCT CODE	SIZE		
R53MMY006	DN32 x 18	1	20
R53MMY106	DN32 x 3/4" Eurocone	1	20

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors



Modular manifolds with lockshield and flow meter (scale 0,5-5 L/min), with quick connection, with outlets with base or Eurocone adaptor connections.
DN32: outlets centre distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

INFO

Use key R558 or R558N for the balancing.



R53MT

PRODUCT CODE	SIZE		
R53MTY006	DN32 x 1" x 18	1	20
R53MTY007	DN32 x 1 1/4" x 18	1	20
R53MTY106	DN32 x 1" x 3/4" Eurocone	1	20
R53MTY107	DN32 x 1 1/4" x 3/4" Eurocone	1	20

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors

Start and end module of modular manifolds with lockshield and flow meter (scale 0,5-5 L/min), with quick connection, with outlets with base or Eurocone adaptor connections.
DN32: outlets centre distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar

INFO

Use key R558 or R558N for the balancing.



R53VM



PRODUCT CODE	SIZE		
R53VMY006	DN32 x 18	1	20
R53VMY106	DN32 x 3/4" Eurocone	1	20

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors

Modular manifold with shut-off valves with manual handwheel, with quick connection, with outlets with base or Eurocone adaptor connections. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.
DN32: outlets centre distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar



R53VT

PRODUCT CODE	SIZE		
R53VTY006	DN32 x 1" x 18	1	20
R53VTY007	DN32 x 1 1/4" x 18	1	20
R53VTY106	DN32 x 1" x 3/4" Eurocone	1	20
R53VTY107	DN32 x 1 1/4" x 3/4" Eurocone	1	20

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors

Start and end module of modular manifolds with shut-off valves with manual handwheels, with quick connections, with outlets with base or Eurocone adaptor connections. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.
DN32: outlets centre distance 50 mm.
Temperature range: 5÷110 °C
Max. working pressure: 10 bar



WHY R53 MODULAR MANIFOLDS?

Quick-fit modular manifolds represent an extremely versatile solution for rapid installation with a number of outputs varying based on the worksite requirements.

- Extremely easy to install reduced workforce
- Extremely wide range of models (with manual valve, lockshield valve, flow meter and lockshield valve)



1. Place the R53M/S/V modules side by side with a vertical axis rotated by 90° one towards the other and lightly push all the way in the axial direction



2. To finish the distribution manifold and connect it to the accessories use a pair of R53MT/ST/VT terminals with 1" or 1 1/4" threads



3. The protection cap of the balancing lockshield valve is on the front of the modules



4. Balance the circuits with a R558 wrench

➤ Preassembled manifolds



R553D

BASE 18

PRODUCT CODE	SIZE	□	⊞
R553Y002	1" x 18 /2	1	-
R553Y003	1" x 18 /3	1	-
R553Y004	1" x 18 /4	1	-
R553Y005	1" x 18 /5	1	-
R553Y006	1" x 18 /6	1	-
R553Y007	1" x 18 /7	1	-
R553Y008	1" x 18 /8	1	-
R553Y009	1" x 18 /9	1	-
R553Y010	1" x 18 /10	1	-
R553Y011	1" x 18 /11	1	-
R553Y012	1" x 18 /12	1	-
R553Y022	1 1/4" x 18 /2	1	-
R553Y023	1 1/4" x 18 /3	1	-
R553Y024	1 1/4" x 18 /4	1	-
R553Y025	1 1/4" x 18 /5	1	-
R553Y026	1 1/4" x 18 /6	1	-
R553Y027	1 1/4" x 18 /7	1	-
R553Y028	1 1/4" x 18 /8	1	-
R553Y029	1 1/4" x 18 /9	1	-
R553Y030	1 1/4" x 18 /10	1	-
R553Y031	1 1/4" x 18 /11	1	-
R553Y032	1 1/4" x 18 /12	1	-
R553ZY002	1" x 18 /2 *	1	-
R553ZY003	1" x 18 /3 *	1	-
R553ZY004	1" x 18 /4 *	1	-
R553ZY005	1" x 18 /5 *	1	-
R553ZY006	1" x 18 /6 *	1	-
R553ZY007	1" x 18 /7 *	1	-
R553ZY008	1" x 18 /8 *	1	-
R553ZY009	1" x 18 /9 *	1	-
R553ZY010	1" x 18 /10 *	1	-
R553ZY011	1" x 18 /11 *	1	-
R553ZY012	1" x 18 /12 *	1	-
R553ZY022	1 1/4" x 18 /2 *	1	-
R553ZY023	1 1/4" x 18 /3 *	1	-
R553ZY024	1 1/4" x 18 /4 *	1	-
R553ZY025	1 1/4" x 18 /5 *	1	-
R553ZY026	1 1/4" x 18 /6 *	1	-
R553ZY027	1 1/4" x 18 /7 *	1	-
R553ZY028	1 1/4" x 18 /8 *	1	-
R553ZY029	1 1/4" x 18 /9 *	1	-
R553ZY030	1 1/4" x 18 /10 *	1	-
R553ZY031	1 1/4" x 18 /11 *	1	-
R553ZY032	1 1/4" x 18 /12 *	1	-



Preassembled manifold for HVAC systems.
Composed of:

- 1 delivery manifold with lockshields.
- 1 return manifold with shut-off valves with manual handwheels.
- Metallic brackets.
- Labels to identify circuits.

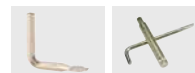
Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators. Outlets with base or Eurocone adaptor connections.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

ⓘ INFO

Use key R558 (included) or R558N for the balancing.



EUROCONE CONNECTION

PRODUCT CODE	SIZE	□	⊞
R553EY002	1" x 3/4" Eurocone /2	1	-
R553EY003	1" x 3/4" Eurocone /3	1	-
R553EY004	1" x 3/4" Eurocone /4	1	-
R553EY005	1" x 3/4" Eurocone /5	1	-
R553EY006	1" x 3/4" Eurocone /6	1	-
R553EY007	1" x 3/4" Eurocone /7	1	-
R553EY008	1" x 3/4" Eurocone /8	1	-
R553EY009	1" x 3/4" Eurocone /9	1	-
R553EY010	1" x 3/4" Eurocone /10	1	-
R553EY011	1" x 3/4" Eurocone /11	1	-
R553EY012	1" x 3/4" Eurocone /12	1	-
R553ZY042	1" x 3/4" Eurocone /2	1	-
R553ZY043	1" x 3/4" Eurocone /3	1	-
R553ZY044	1" x 3/4" Eurocone /4	1	-
R553ZY045	1" x 3/4" Eurocone /5	1	-
R553ZY046	1" x 3/4" Eurocone /6	1	-
R553ZY047	1" x 3/4" Eurocone /7	1	-
R553ZY048	1" x 3/4" Eurocone /8	1	-
R553ZY049	1" x 3/4" Eurocone /9	1	-
R553ZY050	1" x 3/4" Eurocone /10	1	-
R553ZY051	1" x 3/4" Eurocone /11	1	-
R553ZY052	1" x 3/4" Eurocone /12	1	-

For connection to the pipe use the base 3/4" Eurocone adaptors

* Manifold with reduced brackets R588Z, for mounting inside the R500-2 cabinets.

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

R553F

BASE 18

PRODUCT CODE	SIZE		
R553FY002	1" x 18 /2	1	-
R553FY003	1" x 18 /3	1	-
R553FY004	1" x 18 /4	1	-
R553FY005	1" x 18 /5	1	-
R553FY006	1" x 18 /6	1	-
R553FY007	1" x 18 /7	1	-
R553FY008	1" x 18 /8	1	-
R553FY009	1" x 18 /9	1	-
R553FY010	1" x 18 /10	1	-
R553FY011	1" x 18 /11	1	-
R553FY012	1" x 18 /12	1	-
R553FY102	1" x 18 /2 **	1	-
R553FY103	1" x 18 /3 **	1	-
R553FY104	1" x 18 /4 **	1	-
R553FY105	1" x 18 /5 **	1	-
R553FY106	1" x 18 /6 **	1	-
R553FY107	1" x 18 /7 **	1	-
R553FY108	1" x 18 /8 **	1	-
R553FY109	1" x 18 /9 **	1	-
R553FY110	1" x 18 /10 **	1	-
R553FY111	1" x 18 /11 **	1	-
R553FY112	1" x 18 /12 **	1	-
R553FZY002	1" x 18 /2 *	1	-
R553FZY003	1" x 18 /3 *	1	-
R553FZY004	1" x 18 /4 *	1	-
R553FZY005	1" x 18 /5 *	1	-
R553FZY006	1" x 18 /6 *	1	-
R553FZY007	1" x 18 /7 *	1	-
R553FZY008	1" x 18 /8 *	1	-
R553FZY009	1" x 18 /9 *	1	-
R553FZY010	1" x 18 /10 *	1	-
R553FZY011	1" x 18 /11 *	1	-
R553FZY012	1" x 18 /12 *	1	-
R553FZY024	1 1/4" x 18 /4 *	1	-
R553FZY025	1 1/4" x 18 /5 *	1	-
R553FZY026	1 1/4" x 18 /6 *	1	-
R553FZY027	1 1/4" x 18 /7 *	1	-
R553FZY028	1 1/4" x 18 /8 *	1	-
R553FZY029	1 1/4" x 18 /9 *	1	-
R553FZY030	1 1/4" x 18 /10 *	1	-
R553FZY031	1 1/4" x 18 /11 *	1	-
R553FZY032	1 1/4" x 18 /12 *	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors



* Manifold with reduced brackets R588Z, to allow installation within the R500-2 cabinets.

** With flow meters scale 0,4-2,6 l/min.

Preassembled manifold for HVAC systems.

Composed of:

- 1 delivery manifold with lockshields and flow meters (scale 0,5-5 l/min).
- 1 return manifold with shut-off valves with manual handwheels.
- Metallic brackets.
- Labels to identify circuits.

Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators. Outlets with base or Eurocone adaptor connections.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

INFO

Use key R558 (included) or R558N for the balancing.



EUROCONE CONNECTION

PRODUCT CODE	SIZE		
R553FY042	1" x 3/4" Eurocone /2	1	-
R553FY043	1" x 3/4" Eurocone /3	1	-
R553FY044	1" x 3/4" Eurocone /4	1	-
R553FY045	1" x 3/4" Eurocone /5	1	-
R553FY046	1" x 3/4" Eurocone /6	1	-
R553FY047	1" x 3/4" Eurocone /7	1	-
R553FY048	1" x 3/4" Eurocone /8	1	-
R553FY049	1" x 3/4" Eurocone /9	1	-
R553FY050	1" x 3/4" Eurocone /10	1	-
R553FY051	1" x 3/4" Eurocone /11	1	-
R553FY052	1" x 3/4" Eurocone /12	1	-
R553FZY042	1" x 3/4" Eurocone /2 *	1	-
R553FZY043	1" x 3/4" Eurocone /3 *	1	-
R553FZY044	1" x 3/4" Eurocone /4 *	1	-
R553FZY045	1" x 3/4" Eurocone /5 *	1	-
R553FZY046	1" x 3/4" Eurocone /6 *	1	-
R553FZY047	1" x 3/4" Eurocone /7 *	1	-
R553FZY048	1" x 3/4" Eurocone /8 *	1	-
R553FZY049	1" x 3/4" Eurocone /9 *	1	-
R553FZY050	1" x 3/4" Eurocone /10 *	1	-
R553FZY051	1" x 3/4" Eurocone /11 *	1	-
R553FZY052	1" x 3/4" Eurocone /12 *	1	-

For connection to the pipe use the base 3/4" Eurocone adaptors

CIRCUIT BALANCING

The delivery manifold is equipped with micrometric mechanical-memory lockshields to balance the circuits.

Using the special R558N wrench, first open the screwdriver ring nuts completely and then, starting from the fully-closed position, the Allen wrench lockshields, based on the number of turns shown by calibration diagrams.

Once balanced, the ring nuts must be completely retightened to their lockshields.

This operation enables to close and reopen the circuits at a later time, maintaining the initial calibration.



R553DK

FOR CABINETS R500-2, DEPTH 85-130 MM

PRODUCT CODE	SIZE	□	⊞
R553DK102	1" x 18 /2	1	-
R553DK103	1" x 18 /3	1	-
R553DK104	1" x 18 /4	1	-
R553DK105	1" x 18 /5	1	-
R553DK106	1" x 18 /6	1	-
R553DK107	1" x 18 /7	1	-
R553DK108	1" x 18 /8	1	-
R553DK109	1" x 18 /9	1	-
R553DK110	1" x 18 /10	1	-
R553DK111	1" x 18 /11	1	-
R553DK112	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

FOR CABINETS R500, DEPTH 110 MM

PRODUCT CODE	SIZE	□	⊞
R553DK022	1" x 18 /2	1	-
R553DK023	1" x 18 /3	1	-
R553DK024	1" x 18 /4	1	-
R553DK025	1" x 18 /5	1	-
R553DK026	1" x 18 /6	1	-
R553DK027	1" x 18 /7	1	-
R553DK028	1" x 18 /8	1	-
R553DK029	1" x 18 /9	1	-
R553DK030	1" x 18 /10	1	-
R553DK031	1" x 18 /11	1	-
R553DK032	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Preassembled manifold for HVAC systems.

The kit includes:

- R553D manifold.
- R269T multifunction valves.

Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.

Outlets with base or Eurocone adaptor connections.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

INFO

Use key R558 (included) or R558N for the balancing.



MULTIFUNCTION VALVES
R269T INCLUDED



R553FK

FOR CABINETS R500-2, DEPTH 85-130 MM

PRODUCT CODE	SIZE	□	⊞
R553FK102	1" x 18 /2	1	-
R553FK103	1" x 18 /3	1	-
R553FK104	1" x 18 /4	1	-
R553FK105	1" x 18 /5	1	-
R553FK106	1" x 18 /6	1	-
R553FK107	1" x 18 /7	1	-
R553FK108	1" x 18 /8	1	-
R553FK109	1" x 18 /9	1	-
R553FK110	1" x 18 /10	1	-
R553FK111	1" x 18 /11	1	-
R553FK112	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

FOR CABINETS R500, DEPTH 110 MM

PRODUCT CODE	SIZE	□	⊞
R553FK022	1" x 18 /2	1	-
R553FK023	1" x 18 /3	1	-
R553FK024	1" x 18 /4	1	-
R553FK025	1" x 18 /5	1	-
R553FK026	1" x 18 /6	1	-
R553FK027	1" x 18 /7	1	-
R553FK028	1" x 18 /8	1	-
R553FK029	1" x 18 /9	1	-
R553FK030	1" x 18 /10	1	-
R553FK031	1" x 18 /11	1	-
R553FK032	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Preassembled manifold for HVAC systems.

The kit includes:

- R553F manifold with flow meters (scale 0,5-5 l/min).
- R269T multifunction valves.

Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators.

Outlets with base or Eurocone adaptor connections.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

INFO

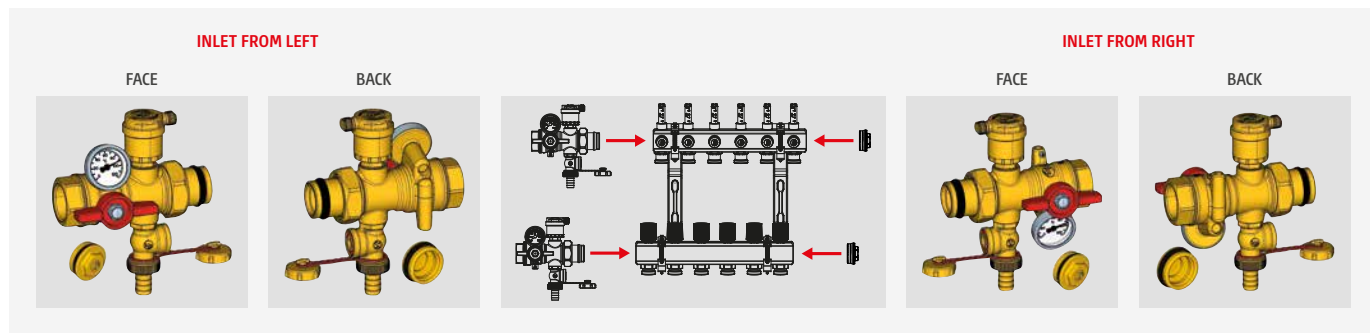
Use key R558 (included) or R558N for the balancing.



MULTIFUNCTION VALVES
R269T INCLUDED



EXAMPLE OF INSTALLATION



R553K

PRODUCT CODE	SIZE	☐	☒
R553KY062	1" x 3/4" Eurocone /2	1	-
R553KY063	1" x 3/4" Eurocone /3	1	-
R553KY064	1" x 3/4" Eurocone /4	1	-
R553KY065	1" x 3/4" Eurocone /5	1	-
R553KY066	1" x 3/4" Eurocone /6	1	-
R553KY067	1" x 3/4" Eurocone /7	1	-
R553KY068	1" x 3/4" Eurocone /8	1	-
R553KY069	1" x 3/4" Eurocone /9	1	-
R553KY070	1" x 3/4" Eurocone /10	1	-
R553KY071	1" x 3/4" Eurocone /11	1	-
R553KY072	1" x 3/4" Eurocone /12	1	-

For connection to the pipe use the base 3/4" Eurocone adaptors

Manifold kit: R553M + R553V + R592D + R588L. It can be used in combination with R557R-1 mixing groups. Not assembled. Temperature range: 5÷110 °C. Max. working pressure: 10 bar



R553KI

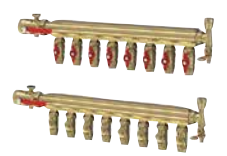
PRODUCT CODE	SIZE	☐	☒
R553KY086	1 1/2" x 22 /6	1	-
R553KY087	1 1/2" x 22 /7	1	-
R553KY088	1 1/2" x 22 /8	1	-

Preassembled manifold for HVAC systems, for industrial plants. The kit includes:

- 1 delivery manifold with outlets with T-handle ball valves
- 1 return manifold with outlets with lockshields
- Ball valves with lever handle and thermometers upstream the manifolds
- Self-sealing end piece with automatic air vent and drain cock
- Outlets centre distance: 80 mm.

INFO

To fix the manifold to the wall use the metallic brackets included with the R501 cabinet or the R588P supports. As a single flow meter use P586SY001.



R557

PRODUCT CODE	SIZE	☐	☒
R557Y002	1" x 18 /2	1	-
R557Y003	1" x 18 /3	1	-
R557Y004	1" x 18 /4	1	-
R557Y005	1" x 18 /5	1	-
R557Y006	1" x 18 /6	1	-
R557Y007	1" x 18 /7	1	-
R557Y008	1" x 18 /8	1	-
R557Y009	1" x 18 /9	1	-
R557Y010	1" x 18 /10	1	-
R557Y011	1" x 18 /11	1	-
R557Y012	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Preassembled manifold with thermostatic fixed point regulation for HVAC systems. Mixing obtained through R462L thermostatic head. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators. Outlets with base adaptor connections. Temperature range: 5÷110 °C. Max. working pressure: 10 bar

To be ordered separately:

- R401TG or R402TG valve with thermostatic option
- R14TG or R15TG lockshield

The kit does not include:

- circulator and K373 safety thermostat

INFO

Use key R558 (included) or R558N for the balancing.



Recommended circulator centre distance: 130 mm.



From 2 to 7 outlets = R557Y051 cabinet.

From 8 to 12 outlets = R557Y052 cabinet.

R557F

PRODUCT CODE	SIZE	☐	☒
R557FY002	1" x 18 /2	1	-
R557FY003	1" x 18 /3	1	-
R557FY004	1" x 18 /4	1	-
R557FY005	1" x 18 /5	1	-
R557FY006	1" x 18 /6	1	-
R557FY007	1" x 18 /7	1	-
R557FY008	1" x 18 /8	1	-
R557FY009	1" x 18 /9	1	-
R557FY010	1" x 18 /10	1	-
R557FY011	1" x 18 /11	1	-
R557FY012	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

Preassembled manifold with thermostatic fixed point regulation for HVAC systems. With flow meters (scale 0,5-5 l/min). Mixing obtained through R462L thermostatic head. Optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators. Outlets with base adaptor connections. Temperature range: 5÷110 °C. Max. working pressure: 10 bar

To be ordered separately:

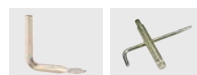
- R401TG or R402TG valve with thermostatic option
- R14TG or R15TG lockshield

The kit does not include:

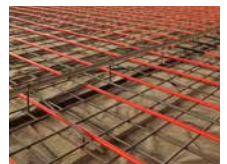
- circulator and K373 safety thermostat

INFO

Use key R558 (included) or R558N for the balancing.



Recommended circulator centre distance: 130 mm.



From 2 to 7 outlets = R557Y051 cabinet.

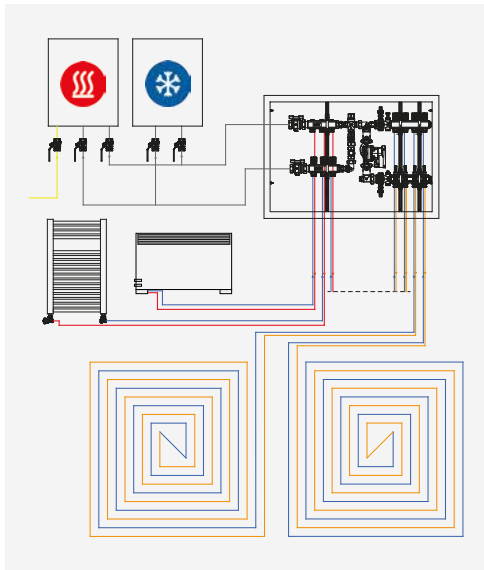
From 8 to 12 outlets = R557Y052 cabinet.

R557R-2

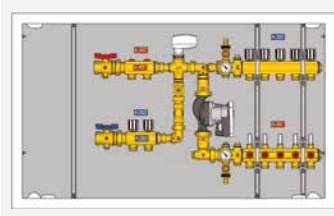
PRODUCT CODE	SIZE		
R557RY024	1" x 18 /4	1	-
R557RY025	1" x 18 /5	1	-
R557RY026	1" x 18 /6	1	-
R557RY027	1" x 18 /7	1	-
R557RY028	1" x 18 /8	1	-
R557RY029	1" x 18 /9	1	-
R557RY030	1" x 18 /10	1	-
R557RY031	1" x 18 /11	1	-
R557RY032	1" x 18 /12	1	-

For connection to the pipe use the base 18 R178, R179, R179AM adaptors

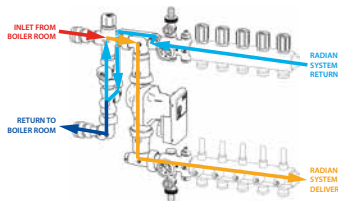
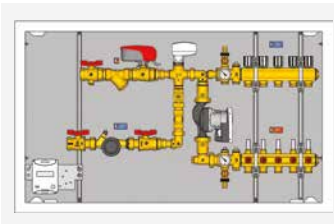
EXAMPLE OF INSTALLATION



KIT FOR CIRCUITS WITH NON-MIXED WATER



METERING KIT



Preassembled manifold with thermostatic fixed point regulation, for HVAC systems. Composed of:

- 1 delivery manifold with lockshields and flow meters (scale 0,5-5 l/min).
 - 1 return manifold with shut-off valves with manual handwheels (optionally is possible to replace the handwheels with R478, R478M, R473, R473M thermo-electric actuators).
 - Outlets with base adaptor connections.
 - Thermostatic control.
 - Drain cocks.
 - Air vent valves.
 - Thermometers.
 - Circulator complying with Directive ErP 2009/125/EC.
 - Metal cabinet with brackets (cabinet dimensions: height 605 mm; thickness 110 mm).
- Temperature range: 5+110 °C
Max. working pressure: 10 bar
- To be completed with:
- R557W insulation
 - R553AY002 or R553AY003, 1" high temperature kit
 - GE550Y100, 1" metering kit
 - R588RY010: single bracket for 1" manifold

INFO

Use key R558 (included) or R558N for the balancing.



Mixing units

R557K

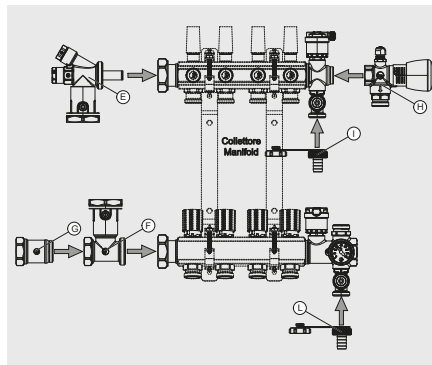
PRODUCT CODE	SIZE		
R557KY001	-	1	-
R557KY002	Unit for electronic circulator	1	-

Low-temperature kit for preassembled manifolds.

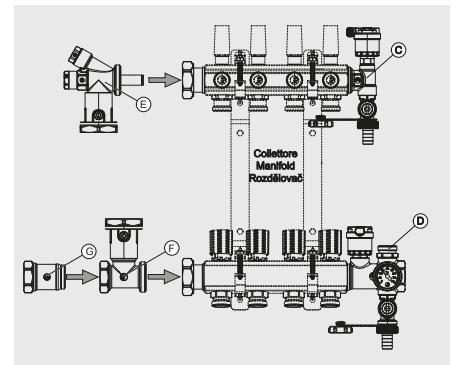
To create a low-temperature manifold, the kit can be installed with R553D or R553F preassembled manifolds + valve with thermostatic option + thermostatic head + lockshield valve + circulator.

Temperature range: 5+110 °C

Max. working pressure: 10 bar



R557KY001

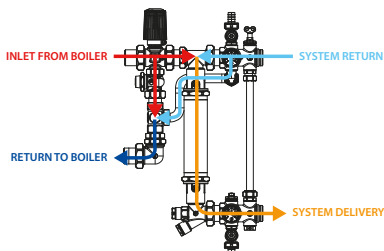


R557KY002



R557R-1

PRODUCT CODE	SIZE		
R557RY042	1"	1	-
R557RY043	1"	1	-



Unit with thermostatic fixed point regulation, for HVAC systems.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

The unit can be mounted with:

- Delivery and return manifolds
- Circulator (for R557RY043)

INFO

R557RY042: with circulator 25/6.

R557RY043: without circulator, with metal spacer, centre distance 180 mm.

R559N-1

PRODUCT CODE	SIZE		
R559NY043	1"	1	-

Mixing unit for HVAC systems, without circulator. Composed of:

- 3-way mixing valve with M30x1.5 mm connection.
- Primary and secondary lockshields for flow regulation.
- Housing for delivery temperature probe.
- Metal spacer to insert the circulator, centre distance 180 mm.
- Ball valves for circulator installation.
- Manual air vent valves.
- Drain cocks.
- Thermometers.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar

The unit can be mounted with:

- Delivery and return manifolds
- Circulator
- K281X012 actuator for mixing valve
- Components for thermoregulation
- R553AY002 or R553AY003, 1" high temperature kit



R508K

PRODUCT CODE	SIZE		
R508KY001	120 x 150 x 75 mm	1	-

Radiant floor kit equipped with:
R508M + R414M + R470X001 + R88IY002.



R508M

PRODUCT CODE	SIZE		
R508MY001	120 x 150 x 75 mm	1	1

Cabinet for radiant floor heating system.



R414D

PRODUCT CODE	SIZE		
R414DX003	18 x 18	5	50

Adjustable valve with thermostatic option, to install inside R508M cabinet.



R414M

PRODUCT CODE	SIZE		
R414MX003	18 x 18	5	50

Adjustable valve with thermostatic option, to install inside R508M cabinet.



R470

PRODUCT CODE	SIZE		
R470X001	-	1	50

Thermostatic head with liquid sensor.

CLIP CLAP quick connection system for installation on all the "TG, D, F series" valves with thermostatic option.

Adjustment positions from * to ⚙, corresponding to a temperature range of 8÷32 °C.

Temperature range in combination with the valve bodies: 5÷110 °C.

Max. working pressure in combination with the valve bodies: 10 bar.



Thermo-electric actuators and temperature limiters

R473

PRODUCT CODE	POWER SUPPLY	□	⊞
R473X221	230 V	1	25
R473X222	24 V	1	25

Thermo-electric actuator, normally closed. Cable length 1 m. With new high efficiency thermo-electric sensor. Can be used to replace the manual handwheels on manifolds.



R462L1

PRODUCT CODE	SIZE	□	⊞
R462LX011	2 m	1	25

Thermostatic head with remote liquid sensor. Temperature range: 20÷70°C.



R473M

PRODUCT CODE	POWER SUPPLY	□	⊞
R473MX221	230 V	1	25
R473MX222	24 V	1	25

Thermo-electric actuator, normally closed, with microswitch. Cable length 1 m. With new high efficiency thermo-electric sensor. Can be used to replace the manual handwheels on manifolds.



R462L2

PRODUCT CODE	SIZE	□	⊞
R462LX021	2 m	1	25

Thermostatic head with remote liquid sensor. Temperature range: 20÷70°C.



R478

PRODUCT CODE	POWER SUPPLY	□	⊞
R478X221	230 V	1	25
R478X222	24 V	1	25
R478VX221	230 V - with varistor	1	25

Thermo-electric actuator, normally open. Cable length 1,5 m. Can be used to replace the manual handwheels on manifolds.



R465

PRODUCT CODE	SIZE	□	⊞
R465Y001	-	10	100

Insert for fixing the R462L sensor at the surface of manifolds or pipes.



R478M

PRODUCT CODE	POWER SUPPLY	□	⊞
R478MX221	230 V	1	25
R478MX222	24 V	1	25
R478VX231	230 V - with varistor	1	25

Thermo-electric actuator, normally open, with microswitch. Cable length 1,5 m. Can be used to replace the manual handwheels on manifolds.



R453A

PRODUCT CODE	SIZE	□	⊞
R453Y002	-	1	50

Ring nut for R478, R478M, R473, R473M thermo-electric actuators.



R462L



PRODUCT CODE	SIZE	□	⊞
R462LX001	2 m	1	25

Thermostatic head with remote liquid sensor. Temperature range: 20÷70°C.



Cabinets and brackets for manifolds



R500

PRODUCT CODE	SIZE		
R500Y101	400 x 460 x 110 mm	1	-
R500Y102	600 x 460 x 110 mm	1	-
R500Y103	800 x 460 x 110 mm	1	-
R500Y104	1000 x 460 x 110 mm	1	-

Flush-mounting cabinet for manifold.
Sheet metal made door and frame, painted.





R510

PRODUCT CODE	SIZE		
R510Y001	400 x 200 mm	1	2
R510Y002	600 x 200 mm	1	2
R510Y003	800 x 200 mm	1	2
R510Y004	1000 x 200 mm	1	2

Wall bearing for R500 cabinet.



R500-2

PRODUCT CODE	SIZE		
R500Y221	400 x 650=740 x 85=130 mm	1	-
R500Y222	600 x 650=740 x 85=130 mm	1	-
R500Y223	800 x 650=740 x 85=130 mm	1	-
R500Y224	1000 x 650=740 x 85=130 mm	1	-
R500Y225	1200 x 650=740 x 85=130 mm	1	-



Flush-mounting cabinet for manifold, with adjustable height and depth. Sheet metal made door and frame, painted.
To be used in combination with manifolds installed on R588Z brackets.

INFO

The cabinet is supplied in a reduced thickness packaging to reduce the overall dimensions and the risks of crushing during the transport. Fast and easy on-site assembly and installation.





R557I

PRODUCT CODE	SIZE		
R557Y051	850 x 605 x 150 mm	1	-
R557Y052	1000 x 605 x 150 mm	1	-
R557RY075	850 x 605 x 110 mm	1	-
R557RY076	1000 x 605 x 110 mm	1	-
R557RY077	1200 x 605 x 110 mm	1	-

Flush-mounting cabinet for manifold.
Sheet metal made door and frame, painted.





R588Z

PRODUCT CODE	SIZE		
R588ZY001	3/4-1-1 1/4	1	50

Reduced metallic bracket for R553D, R553F manifolds in R500-2 cabinets.





R502

PRODUCT CODE	SIZE		
R502Y001	400 x 650=720 x 110 mm	1	-
R502Y002	600 x 650=720 x 110 mm	1	-
R502Y003	800 x 650=720 x 110 mm	1	-
R502Y004	1000 x 650=720 x 110 mm	1	-

Flush-mounting cabinet for manifold, with adjustable wall bearing.





R588D

PRODUCT CODE	SIZE		
R588DY001	For DN32 modular manifold	1	20

Metallic bracket for DN32 modular manifolds in R500, R502 cabinets.





R509-1

PRODUCT CODE	SIZE		
R509Y101	400 x 460 mm	1	-
R509Y102	600 x 460 mm	1	-
R509Y103	800 x 460 mm	1	-
R509Y104	1000 x 460 mm	1	-

Frame and door for R500 cabinet.



R588L

PRODUCT CODE	SIZE		
R588LY001	1"	1	25
R588SY001	1"	1	200

Adjustable metallic bracket for manifold R551 (size 3/4", 1", 1 1/4") and R553. Distance: min. 263,5 mm - max. 334,5 mm.




R588

PRODUCT CODE	SIZE		
R588Y001	3/4" - 1" - 1 1/4"	2	20

Metallic bracket for R553D, R553F manifolds in R500, R502 cabinets.



R588P

PRODUCT CODE	SIZE		
R588PY004	1 1/2" - 2"	1	10

Adjustable support for wall fixing of R551 manifolds (size 1 1/2", 2").



R588F

PRODUCT CODE	SIZE	☐	☒
R588FY001	For DN32 modular manifold	1	25

Adjustable metallic bracket for DN32 modular manifolds in R5571 cabinets.
Distance: min. 263,5 mm - max. 334,5 mm.



R588R

PRODUCT CODE	SIZE	☐	☒
R588RY010	1"	10	100
R588RY011	1"	10	50

Bracket for manifolds in R5571 cabinets.



End pieces and accessories for manifolds

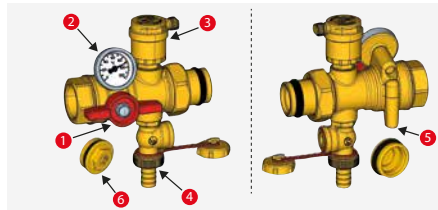
R269T

PRODUCT CODE	SIZE	☐	☒
R269TY035	1"	1	-
R269TY036	1 1/4"	1	-

TECHNICAL DATA

- Temperature range: 5÷110 °C
- Max. working pressure: 10 bar
- Max. pressure of air vent operation: 7 bar
- Connections: female x male tail piece flat seat
- Probe-holder connections: Ø 6 mm
- Contact thermometers: Ø 40 mm, scale 0÷120 °C
- Automatic air vent valves: 1/2" with interception valve
- Filling/discharge taps: 1/2" with pipe-holder fitting
- Plugs for manifolds: 1"

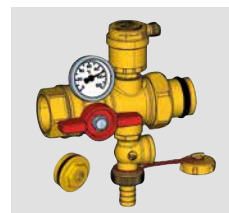
COMPONENTS



1. Shut-off ball valve.
2. Contact thermometer.
3. Automatic air vent valve equipped with a self-sealing valve.
4. Valve for system fill and drain, with self-sealing.
5. Inlet of the immersion temperature probe Ø6 mm.
6. Pair of plugs for manifolds, self-sealing.

Multifunction valves kit, composed of: shut-off ball valves, automatic air vent valves, drain cocks, thermometers, plugs for the manifold, probe holder for temperature probe Ø6 mm.

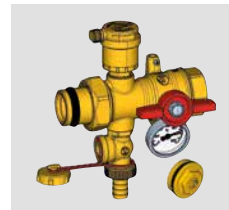
INLET FROM LEFT →
FACE



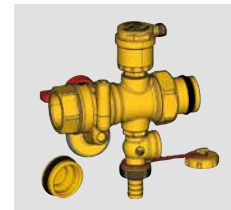
BACK



FACE



← INLET FROM LEFT
BACK



R554A

PRODUCT CODE	SIZE	☐	☒
R554AY001	1" x 3/4"	1	25

Self-sealing end piece for manifold, with:
- Nr.1 R881 1/2"
- Nr.1 R608 1/2"



R554C

PRODUCT CODE	SIZE	☐	☒
R554CY004	3/4"	1	25
R554CY005	1"	1	25
R554CY006	1 1/4"	1	25

Self-sealing end piece for manifold, with:
- Nr.1 R591D
- Nr.1 R66A 3/8"
- Nr.1 R608 1/2"



R554B

PRODUCT CODE	SIZE	☐	☒
R554BY004	3/4"	1	25
R554BY005	1"	1	25
R554BY006	1 1/4"	1	25

Self-sealing end piece for manifold, with:
- Nr.1 R591D
- Nr.1 R881 3/8"
- Nr.1 R608 1/2"



R554D

PRODUCT CODE	SIZE	☐	☒
R554DY005	1"	1	20
R554DY006	1 1/4"	1	20

Self-sealing end piece for manifold, with:
- Nr.1 R592D
- Nr.1 R881 1/2"
- Nr.1 R608 1/2"
- Nr.1 R540 3/8"
- Nr.1 R92 1/2"



R554I

PRODUCT CODE	SIZE	☐	☒
R554IY004	3/4"	1	20
R554IY005	1"	1	20
R554IY035	1" - Hygroscopic cap	1	20

Self-sealing end piece for manifold, with automatic air vent valve and drain cock.



R590D

PRODUCT CODE	SIZE	☐	☒
R590DY005	1" x 1/2" x 3/8"	10	100
R590DY006	1 1/4" x 1/2" x 3/8"	10	100

Manifold end piece with probe connection and self-sealing.



R591D

PRODUCT CODE	SIZE	☐	☒
R591DY004	3/4" x 1/2" x 3/8"	10	100
R591DY005	1" x 1/2" x 3/8"	10	100
R591DY006	1 1/4" x 1/2" x 3/8"	10	100

Manifold end piece, with self-sealing.



R591F

PRODUCT CODE	SIZE	☐	☒
R591FY005	1" x 1/2" x 1/2"	10	100

Manifold end piece.



R592D

BRASS FINISH

PRODUCT CODE	SIZE	☐	☒
R592DY004	3/4"	50	500
R592DY005	1"	25	250
R592DY006	1 1/4"	20	200

CHROME PLATED

PRODUCT CODE	SIZE	☐	☒
R592DX005	1"	25	250
R592DX006	1 1/4"	20	200
R592DX007	1 1/2"	5	50

Plug for manifolds, with self-sealing.



R593D

PRODUCT CODE	SIZE	☐	☒
R593DY001	3/4" M x 3/8" F	50	500
R593DY002	3/4" M x 1/2" F	25	250
R593DY003	1" M x 3/8" F	25	250
R593DY004	1" M x 1/2" F	25	250
R593DY005	1" M x 3/4" F	25	250
R593DY006	1 1/4" M x 1/2" F	20	200
R593DY007	1 1/4" M x 3/4" F	10	100
R593DY008	1 1/4" M x 1" F	10	100

Reducer male-female threaded, with self-sealing.



R93

BRASS FINISH

PRODUCT CODE	SIZE	☐	☒
R93Y003	3/4" M x 1/2" F	20	200
R93Y005	1/2" M x 1/4" F	25	500
R93Y006	1/2" M x 3/8" F	25	250
R93Y007	3/4" M x 3/8" F	20	200
R93Y010	1" M x 1/2" F	20	200
R93Y011	1" M x 3/4" F	25	250
R93Y012	1 1/4" M x 1/2" F	10	100
R93Y013	1 1/4" M x 3/4" F	10	100
R93Y014	1 1/4" M x 1" F	20	200
R93Y017	1 1/2" M x 1" F	10	100
R93Y018	1 1/2" M x 1 1/4" F	5	50
R93Y019	2" M x 1 1/2" F	5	50
R93Y020	2" M x 1 1/4" F	5	50

CHROME PLATED

PRODUCT CODE	SIZE	☐	☒
R93X003	3/4" M x 1/2" F	20	200
R93X006	1/2" M x 3/8" F	25	250
R93X011	1" M x 3/4" F	25	250
R93X014	1 1/4" M x 1" F	20	200

Reducer fitting male-female threaded.



R594

PRODUCT CODE	SIZE	☐	☒
R594Y001	1/2" for 12 mm	50	500
R594Y002	24/19 for 16 mm	25	250
R594Y003	26/19 for 18 mm	25	250
R594Y004	1"	25	250
R594Y005	3/4"	50	500

Cap for manifolds.



R531

PRODUCT CODE	SIZE	☐	☒
R531Y003	18 x 18	10	100
R531Y004	3/4" Eurocone x 18	10	100

Tee fitting with thermometer connection (R540 3/8"), to be installed on R553D, R553S, R551S manifolds.



R540

PRODUCT CODE	SIZE	☐	☒
R540Y002	3/8" - 0=80 °C - Ø40 mm	1	-
R540Y003	1/2" - 0=120 °C - Ø61,5 mm	1	-
R540Y021	3/8" - 0=120 °C - Ø40 mm	1	-

Thermometer, back connection.



R540F

PRODUCT CODE	SIZE	☐	☒
R540FY002	0=120 °C - red	1	6
R540FY022	0=120 °C - blue	1	6

Contact thermometer for R749F T-handle. Scale 0=120 °C, Ø40 mm.



R532

PRODUCT CODE	SIZE	☐	☒
R532WY001	3/8" x 18	1	100

Flow meter with scale 1-4 L/min.



R551W

PRODUCT CODE	SIZE	☐	☒
R551WY005	For 3/4" R551 - Distance 50 mm	1	-
R551WY006	For 1 1/4" R551 - Distance 70 mm	1	-
R551WY007	For 1 1/2" R551 - Distance 100 mm	1	-
R551WY008	For 2" R551 - Distance 100 mm	1	-
R551WY009	For 1" R551 - Distance 50 mm	1	-

Insulation cover for manifold R551
(size 1 1/2" - 2").



R553W

FOR R554D + R259D

PRODUCT CODE	SIZE	☐	☒
R553WY002	For 1" R553F, R53MT+R53VT	1	-
R553WY004	For 1" R553D, R53ST+R53VT	1	-
R553WY006	For 1 1/4" R553F, R53MT+R53VT	1	-
R553WY008	For 1 1/4" R553D, R53MT+R53VT	1	-

FOR R269T

PRODUCT CODE	SIZE	☐	☒
R553WY012	For 1" R553F, R53MT+R53VT	1	-
R553WY014	For 1" R553D, R53ST+R53VT	1	-
R553WY016	For 1 1/4" R553F, R53MT+R53VT	1	-
R553WY018	For 1 1/4" R553D, R53MT+R53VT	1	-

Insulation covers set for R554D unit and end caps.

INFO

R553WY002: for R554D 1" + caps with R553F manifolds
R553WY004: for R554D 1" + caps with R553D manifolds
R553WY006: for R554D 1 1/4" + caps with R553F manifolds
R553WY008: for R554D 1 1/4" + caps with R553D manifolds



R553W-2

PRODUCT CODE	SIZE	☐	☒
R553WY001	For 1" R553F	1	-
R553WY003	For 1" R553D	1	-
R553WY005	For 1 1/4" R553F	1	-
R553WY007	For 1 1/4" R553D	1	-

Insulation cover set for R553D, R553F manifolds.

INFO

R553WY001: for 1" R553F manifolds - 12 outlets
R553WY003: for 1" R553D manifolds - 12 outlets
R553WY005: for 1 1/4" R553F manifolds - 12 outlets
R553WY007: for 1 1/4" R553D manifolds - 12 outlets



R557W

PRODUCT CODE	SIZE	☐	☒
R557WY025	1"	1	-

Insulation cover for R557R-2 manifold.



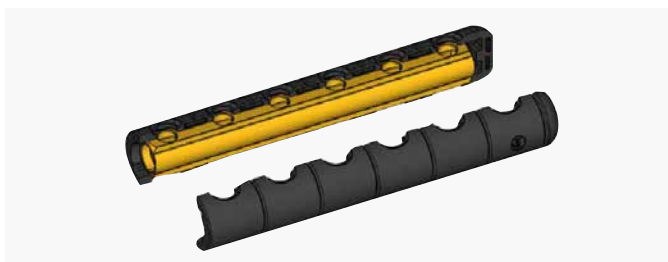
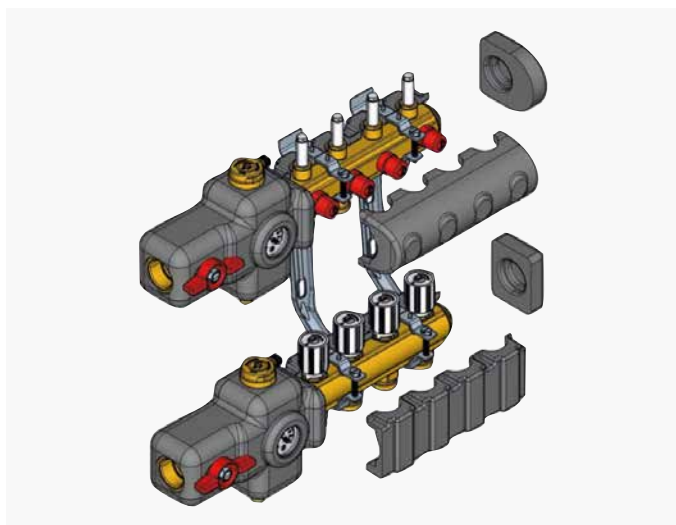
R559W

PRODUCT CODE	SIZE	☐	☒
R559WY005	1"	1	-

Insulation cover for R559N manifold.



EXAMPLE OF INSTALLATION



Manifolds for domestic water systems



WARNING

Codes here listed are to be intended only as a reference. Please check national regulation for sanitary distribution.

R580

CENTRE DISTANCE 35 MM

PRODUCT CODE	SIZE	□	⊞
R580Y022	3/4" x 16 /2	1	10
R580Y023	3/4" x 16 /3	1	10
R580Y024	3/4" x 16 /4	1	10
R580Y025	3/4" x 16 /5	1	5
R580Y026	3/4" x 16 /6	1	5
R580Y027	3/4" x 16 /7	1	10
R580Y028	3/4" x 16 /8	1	10
R580Y029	3/4" x 16 /9	1	10
R580Y030	3/4" x 16 /10	1	10
R580Y062	1" x 16 /2	1	15
R580Y063	1" x 16 /3	1	10
R580Y064	1" x 16 /4	1	10
R580Y065	1" x 16 /5	1	5
R580Y066	1" x 16 /6	1	5
R580Y067	1" x 16 /7	1	5
R580Y068	1" x 16 /8	1	5
R580Y069	1" x 16 /9	1	5
R580Y070	1" x 16 /10	1	5
R580Y071	1" x 16 /11	1	5

For connection to the pipe use the base 16 R178, R179, R179AM adaptors

CENTRE DISTANCE 50 MM

PRODUCT CODE	SIZE	□	⊞
R580Y122	3/4" x 16 /2	1	30
R580Y123	3/4" x 16 /3	1	20
R580Y124	3/4" x 16 /4	1	20
R580Y125	3/4" x 16 /5	1	20
R580Y126	3/4" x 16 /6	1	10
R580Y127	3/4" x 16 /7	1	10
R580Y128	3/4" x 16 /8	1	10
R580Y162	1" x 16 /2	1	30
R580Y163	1" x 16 /3	1	20
R580Y164	1" x 16 /4	1	20
R580Y165	1" x 16 /5	1	20
R580Y166	1" x 16 /6	1	10
R580Y167	1" x 16 /7	1	10
R580Y168	1" x 16 /8	1	10
R580Y169	1" x 16 /9	1	10
R580Y170	1" x 16 /10	1	10

For connection to the pipe use the base 16 R178, R179, R179AM adaptors

Distribution manifold, outlets with base adaptor connections.

Temperature range: 5÷110 °C

Max. working pressure: 16 bar



R585

CENTRE DISTANCE 35 MM

PRODUCT CODE	SIZE	□	⊞
R585Y022	3/4" x 16 /2	1	10
R585Y023	3/4" x 16 /3	1	10
R585Y024	3/4" x 16 /4	1	10
R585Y025	3/4" x 16 /5	1	5
R585Y026	3/4" x 16 /6	1	5
R585Y027	3/4" x 16 /7	1	10
R585Y028	3/4" x 16 /8	1	10
R585Y029	3/4" x 16 /9	1	10
R585Y030	3/4" x 16 /10	1	10
R585Y042	1" x 16 /2	1	15
R585Y043	1" x 16 /3	1	10
R585Y044	1" x 16 /4	1	10
R585Y045	1" x 16 /5	1	5
R585Y046	1" x 16 /6	1	5
R585Y047	1" x 16 /7	1	5
R585Y048	1" x 16 /8	1	5
R585Y049	1" x 16 /9	1	5
R585Y050	1" x 16 /10	1	5

For connection to the pipe use the base 16 R178, R179, R179AM adaptors

Distribution manifold with lockshields, outlets with base adaptor connections.

Temperature range: 5÷110 °C

Max. working pressure: 10 bar



R551

CENTRE DISTANCE 35 MM

PRODUCT CODE	SIZE	□	⊞
R551Y002	3/4" x 3/8" /2	1	26
R551Y003	3/4" x 3/8" /3	1	20
R551Y004	3/4" x 3/8" /4	1	20
R551Y005	3/4" x 3/8" /5	1	10
R551Y006	3/4" x 3/8" /6	1	10
R551Y007	3/4" x 3/8" /7	1	10
R551Y008	3/4" x 3/8" /8	1	10
R551Y009	3/4" x 3/8" /9	1	15
R551Y010	3/4" x 3/8" /10	1	15
R551Y011	3/4" x 3/8" /11	1	15
R551Y012	3/4" x 3/8" /12	1	15
R551Y042	1" x 3/8" /2	1	15
R551Y043	1" x 3/8" /3	1	20
R551Y044	1" x 3/8" /4	1	12
R551Y045	1" x 3/8" /5	1	8
R551Y046	1" x 3/8" /6	1	8
R551Y047	1" x 3/8" /7	1	20
R551Y048	1" x 3/8" /8	1	8
R551Y049	1" x 3/8" /9	1	10
R551Y050	1" x 3/8" /10	1	10
R551Y051	1" x 3/8" /11	1	10
R551Y052	1" x 3/8" /12	1	10

Distribution manifold with female threaded outlets.

Temperature range: 5÷110 °C

Max. working pressure: 16 bar

Production on customized drawing available, after an assessment of our Technical Department.



Modular manifolds for domestic water systems

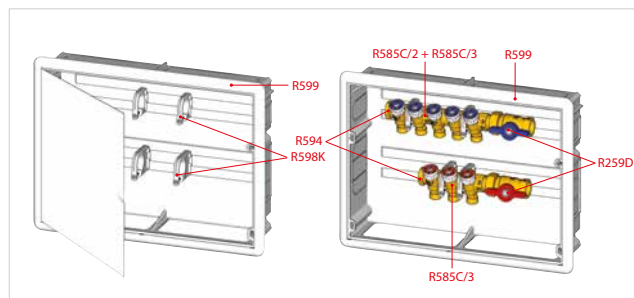
WARNING

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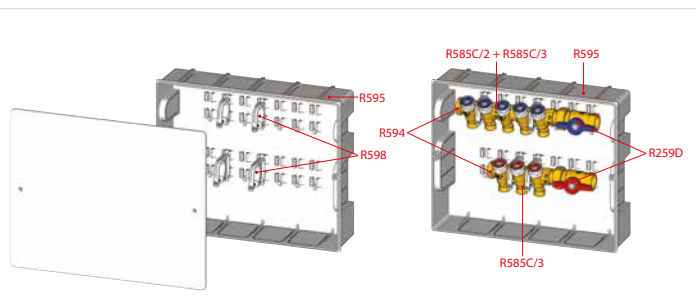
Building on Giacomini's years of experience in brass forging these modular manifolds are designed for water distribution systems. These are characterized primarily by their convenience and flexibility of use, especially when fitted in the plastic cabinets in our range. The two, three or four outlet manifolds can be easily and quickly connected to each other thanks to the threaded connections, allowing the user to get multiple outlets. The manifolds are made of yellow brass, without either chrome or nickel plating, in compliance with the latest European directives in terms of public health and drinking water. They are available in various versions: with tilted shut-off cocks on the outflow branches and G 3/4" threaded connections, simple, without shut-off cocks plain, and with G 3/4" threaded connections, (with G 1" version coming soon) All of the products are available in versions with 2, 3 or 4 outlets, with threaded male G 1/2" branches (for 3/4" manifolds) or 3/4"E (for 1" manifolds).



INSTALLATION IN R599 CABINETS



INSTALLATION IN R595 CABINETS



R585C

1/2" AND 3/4" EUROCONE

PRODUCT CODE	SIZE		
R585CY062	3/4" x 1/2" /2	1	20
R585CY063	3/4" x 1/2" /3	1	20
R585CY064	3/4" x 1/2" /4	1	20
R585CY072	3/4" x 1/2" flat seat /2	1	20
R585CY073	3/4" x 1/2" flat seat /3	1	20
R585CY074	3/4" x 1/2" flat seat /4	1	20

BASE 16

PRODUCT CODE	SIZE		
R585CY022	3/4" x 16 /2	1	20
R585CY023	3/4" x 16 /3	1	20
R585CY024	3/4" x 16 /4	1	20
R585CY042	1" x 16 /2	1	20
R585CY043	1" x 16 /3	1	20
R585CY044	1" x 16 /4	1	20



Modular manifold with shut-off valves and manual handwheels.

Manifolds 3/4" x 1/2":

outlets centre distance 35 mm.

Manifolds 3/4" x 16 and 1" x 16:

outlets centre distance 50 mm.

Temperature range: 5÷110 °C

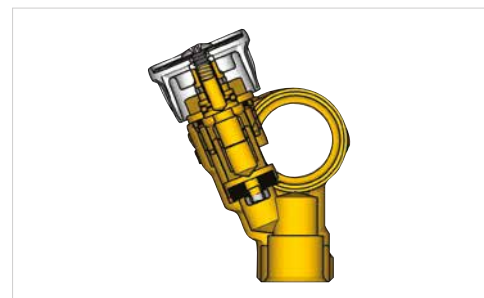
Max. working pressure: 10 bar

INFO

With manifolds: R585CY062, R585CY063, R585CY064 can be used only adaptors R179EY055, R179EY056, R179EY058, RM179Y113, RM179Y116, R178EY121, R178EY122, R178EY123, R178EY124, R178EY125.



With manifolds: R585CY072, R585CY073, R585CY074 can be used only adaptors R179PY014.

With base 16 manifolds use base 16 R178, R179, R179AM adaptors.





R580C

1/2" AND 3/4"EUROCONE

PRODUCT CODE	SIZE		
R580CY062	3/4" x 1/2" /2	1	5
R580CY063	3/4" x 1/2" /3	1	5
R580CY064	3/4" x 1/2" /4	1	5
R580CY072	3/4" x 1/2" flat seat /2	5	50
R580CY073	3/4" x 1/2" flat seat /2	5	50
R580CY074	3/4" x 1/2" flat seat /4	5	50
R580CY052	1" x 3/4" Eurocone /2	1	5
R580CY053	1" x 3/4" Eurocone /3	1	5
R580CY054	1" x 3/4" Eurocone /4	1	3

BASE 16

PRODUCT CODE	SIZE		
R580CY022	3/4" x 16 /2	1	5
R580CY023	3/4" x 16 /3	1	5
R580CY024	3/4" x 16 /4	1	5
R580CY042	1" x 16 /2	1	5
R580CY043	1" x 16 /3	1	5
R580CY044	1" x 16 /4	1	3



Modular manifold, outlets with base, Eurocone and 1/2" adaptor connections. Manifolds 3/4" x 1/2": outlets centre distance 35 mm. Manifolds 1" x 3/4" Eurocone: outlets centre distance 40 mm. Manifolds 3/4" x 16 and 1" x 16: outlets centre distance 35 mm. Temperature range: 5÷110 °C. Max. working pressure: 10 bar

INFO

With manifolds: R580CY062, R580CY063, R580CY064 can be used only adaptors R179EY055, R179EY056, R179EY058, RM179Y113, RM179Y116, R178EY121, R178EY122, R178EY123, R178EY124, R178EY125.

With manifolds: R580CY072, R580CY073, R580CY074 can be used only adaptors R179PY014.

With manifolds: R580CY052, R580CY053, R580CY054 can be used only adaptors R179EX021, R179EX022, R179EX023, R179EX024, R179EX025, R179EX026, R179EX027, R179EY028, RM179X103, RM179X106, R178EX112, R178EX113, R178EX104, R178EX115, R178EX116.

With base 16 manifolds use base 16 R178, R179, R179AM adaptors.

R580M

PRODUCT CODE	SIZE		
R580MY005	DN25 x 16	1	100
R580MY006	DN32 x 18	1	50

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors

Modular manifold with quick connection, with outlets with base or Eurocone adaptor connections.

DN25: outlets centre distance 35 mm.

DN32: outlets centre distance 50 mm.

Temperature range: 5÷90 °C

Max. working pressure: 10 bar



R585M

PRODUCT CODE	SIZE		
R585MY105	DN25 x 16	1	80

For connection to the pipe use the base 16 R178, R179, R179AM adaptors

Modular manifold with shut-off valves, quick connections, outlets with base adaptor connections.



DN25: outputs centre distance 35 mm

Temperature range: 5÷90 °C

Max. working pressure: 10 bar



R580T

PRODUCT CODE	SIZE		
R580TY004	3/4" x DN25 x 16	1	50
R580TY005	1" x DN25 x 16	1	50
R580TY006	DN32 x 1" x 18	1	40

For connection to the pipe use the base 18 or 3/4" Eurocone adaptors

Start and end module of modular manifolds, with quick connections, with outlets with base or Eurocone adaptor connections.

DN25: outlets centre distance 35 mm.



DN32: outlets centre distance 50 mm.

Temperature range: 5÷90 °C

Max. working pressure: 10 bar



R585T

PRODUCT CODE	SIZE		
R585TY104	3/4" x DN25 x 16	1	50
R585TY105	1" x DN25 x 16	1	25

For connection to the pipe use the base 16 R178, R179, R179AM adaptors

Start and end module of modular manifolds with shut-off valves, quick connections, outlets with base adaptor connections.

DN25: outputs centre distance 35 mm

Temperature range: 5÷90 °C

Max. working pressure: 10 bar



➤ Cabinets and brackets for manifolds (for domestic water systems)

R584

PRODUCT CODE	SIZE	☐	☒
R584Y101	332 x 272 x 86 mm	1	8
R584Y102	412 x 272 x 86 mm	1	8
R584Y103	512 x 272 x 86 mm	1	8
R584Y104	612 x 272 x 86 mm	1	8

Plastic cabinet with cover and fixing kit.
For 3/4" or 1" manifolds, series R580, R551,
R580C, R585C and modular manifolds DN25.



R583

PRODUCT CODE	SIZE	☐	☒
R583Y004	For 3/4" bar manifold	2	50
R583Y005	For 1" bar and DN25 modular man.	2	50
R583Y014	3/4" for R580C-R585C	1	-

Metallic bracket for R580 manifold or DN25
modular manifolds. For wall installation, not
compatible with plastic cabinets.



R599

PRODUCT CODE	SIZE	☐	☒
R599Y001	400 x 300 x 90 mm	1	-

Plastic cabinet complete with frame
and door for R585C and R580C modular
manifolds (R598K supports shall be
purchased separately).



R598C

PRODUCT CODE	SIZE	☐	☒
R598Y003	For 3/4" x 16 bar manifold	1	10

Brackets for R595 cabinet, designed for
manifold R580 and R585 series sizes 3/4"x12,
3/4"x16, 3/4"x3/8".



R595

PRODUCT CODE	SIZE	☐	☒
R595AY001	370 x 300 x 90 mm	1	-
R595BY001	520 x 300 x 90 mm	1	-
R595CY001	670 x 300 x 90 mm	1	-

Plastic cabinet complete with cover, for:
- 3/4" and 1" bar manifolds (centre distance
35 mm)
- DN25 modular manifolds
- Modular manifolds R580CY062,
R580CY063, R580CY064, R585CY062,
R585CY063, R585CY064.



R598D

PRODUCT CODE	SIZE	☐	☒
R598Y004	For 1" x 16 bar and DN25 modular	1	10

Brackets for R595 cabinet, designed for
manifold R580 and R585 sizes 1"x12, 1"x16,
1"x3/8" and modular manifold DN25.



R595P

PRODUCT CODE	SIZE	☐	☒
R595PY001	370 x 300 mm	1	10
R595PY002	520 x 300 mm	1	10
R595PY003	670 x 300 mm	1	10

Plastic cover with screws, for R595 cabinet or
R585T frame.



R598K

PRODUCT CODE	SIZE	☐	☒
R598KY001	3/4"	1	10
R598KY002	1"	1	10

Brackets for R599 cabinet, designed for
R585C and R580C modular manifolds.



R595T

PRODUCT CODE	SIZE	☐	☒
R595TY001	-	1	1

Metallic frame for plastic cover. To be used in
combination with R595P plastic cover.



R598



PRODUCT CODE	SIZE	☐	☒
R598Y007	For R580C-R585C 3/4"x1/2"	1	10

Brackets for R595 cabinet, designed for
manifold R580C and R585C.



Spare parts for manifolds

P10S

PRODUCT CODE	SIZE		
P10SY001	1" x 18	1	-
P10SY002	1 1/4" x 18	1	-
P10SY003	1" x 3/4"	1	-
P10SY004	1 1/4" Eurocone	1	-

Lockshield for R553S manifold.



R557P



PRODUCT CODE	SIZE		
R557PY005	1" x 1"	1	-

Tail piece for R557 manifold.





P10V

NEW TYPE

PRODUCT CODE	SIZE		
P10VY011	1" x 18	1	10
P10VY012	1 1/4" x 18	1	10
P10VY013	1" - 3/4" Eurocone	1	10
P10VY014	1 1/4" x 3/4" Eurocone	1	10



OLD TYPE

PRODUCT CODE	SIZE		
P10VY001	1" x 18	1	10
P10VY002	1 1/4" x 18	1	10
P10VY003	1" x 3/4" Eurocone	1	10
P10VY004	1 1/4" x 3/4" Eurocone	1	10

Valve body for R553V manifold.





R558

PRODUCT CODE	SIZE		
R558Y001	-	1	-

Lockshields key for regulating the manifold outlets.





R558N

PRODUCT CODE	SIZE		
R558NY001	-	1	-

Lockshields key for regulating the manifold outlets.





P78M

PRODUCT CODE	SIZE		
P78MY001	0,5÷5 l/min	1	30
P78MY002	0,4÷2,6 l/min	1	30

Flow meter for R553M, R553F, R53MM, R53MT manifolds.





R557A

PRODUCT CODE	SIZE		
R557AY006	1" x 1/2" x 1 1/4"	1	-

Tee fitting for R557 with 1/2" plug.

















R557B
















PRODUCT CODE	SIZE		
R557BY005	1/2" x 1" x 1"	1	-









Tee fitting with nut and tail piece for R557 with 1/2" plug.



➤ Combination of manifolds and accessories


















PRODUCT CODE	SIZE	Ø OUTPUTS	CENTRE DISTANCE [MM]	WALL WRCESS	R599	R595	R500-2	R500	R5571	R584	R501	R502
												
	3/4"	3/8"	35	R588 R588Z R588L R583			R588Z	R588		SUPPLIED WITH CABINET		R588
	3/4"	1/2"	50				R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
	1"	3/8"	35	R588 R588Z R588L R588R R583			R588Z	R588	R588R	SUPPLIED WITH CABINET		R588
	1"	1/2"	50				R588Z	R588	R588L R588R	SUPPLIED WITH CABINET		R588
	1 1/4"	1/2"	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	1 1/4"	3/4"	70				R588Z	R588	R588L			R588
	1 1/2"	1"	100									
	2"	1"	100	R588P								
	1 1/4"	3/4"	100	R588 R588Z R588L			R588Z	R588	R588L			R588
	3/4"	Base 18	50	R588 R588Z R588L R583			R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
	1"	Base 18	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R	SUPPLIED WITH CABINET		R588
	1 1/4"	Base 18	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	3/4"	3/4"E	50	R588 R588Z R588L R583			R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
	1"	3/4"E	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R	SUPPLIED WITH CABINET		R588
	1"	Base 18	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R			R588
	1 1/4"	Base 18	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	1"	3/4"E	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R			R588
	1"	Base 18	50	R588 R588Z R588L R588R			R588Z	R588	R588L R588R			R588
	1 1/4"	Base 18	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	1"	3/4"E	50	R588 R588Z R588L R588R			R588Z	R588	R588L R588R			R588
	1"	Base 18	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R			R588
	1 1/4"	Base 18	50	R588 R588Z R588L			R588Z	R588	R588L			R588
	1"	3/4"E	50	R588 R588Z R588L R588R R583			R588Z	R588	R588L R588R			R588

PRODUCT CODE	SIZE	Ø OUTPUTS	CENTRE DISTANCE [MM]	WALL WRECESS	R599	R595	R500-2	R500	R5571	R584	R501	R502
												
R580 	3/4"	016	35	R588 R588Z R588L R583		R598C	R588Z	R588		SUPPLIED WITH CABINET		R588
	1"	016	35	R588 R588Z R588L R588R R583		598D	R588Z	R588	R588R	SUPPLIED WITH CABINET		R588
	3/4"	016	50	R588 R588Z R588L R583		R598C	R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
	1"	016	50	R588 R588Z R588L R588R R583		598D	R588Z	R588	R588L	SUPPLIED WITH CABINET		R588
R585 	3/4"	016	35	R588 R588Z R588L R583		R598C	R588Z	R588				R588
	1"	016	35	R588 R588Z R588L R588R R583		598D	R588Z	R588	R588R			R588
R580M R580T 	DN25	016	35	R583						SUPPLIED WITH CABINET		
	DN32	018	50	R588F R588D				R588D	R588F			R588D
	DN32	3/4"E	50	R588F R588D				R588D	R588F			R588D
R585M R585T 	DN25	016	35	R583						SUPPLIED WITH CABINET		
R53S 	DN32	018	50	R588F R588D				R588D	R588F			R588D
	DN32	3/4"E	50	R588F R588D				R588D	R588F			R588D
R53M 	DN32	018	50	R588F R588D				R588D	R588F			R588D
	DN32	3/4"E	50	R588F R588D				R588D	R588F			R588D
R53V 	DN32	018	50	R588F R588D				R588D	R588F			R588D
	DN32	3/4"E	50	R588F R588D				R588D	R588F			R588D

PRODUCT CODE	SIZE	Ø OUTPUTS	CENTRE DISTANCE [MM]	WALL WRECESS	R599	R595	R500-2	R500	R5571	R584	R501	R502	R502
													
R553D 	1"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1 1/4"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
	1 1/4"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
	1"	3/4"E	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	3/4"E	50	DEPTH 110 MM	R588*				R588*				R588*
R553F 	1"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1 1/4"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
	1 1/4"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
	1"	3/4"E	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	3/4"E	50	DEPTH 110 MM	R588*				R588*				R588*
R553K 	1"	3/4"E	50	DEPTH 110 MM	R588L*					R588L*			
R553DK 	1"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*
R553FK 	1"	0 18	50	DEPTH 85-130 MM	R588Z*			R588Z*					
	1"	0 18	50	DEPTH 110 MM	R588*				R588*				R588*

* BRACKET INCLUDED

** BRACKET AND CABINET INCLUDED

PRODUCT CODE	SIZE	Ø OUTPUTS	CENTRE DISTANCE [MM]	WALL WRECESS	R599	R595	R500-2	R500	R5571	R584	R501	R502
												
R557 	1"	0 18	50	R588L*								
R557F 												R588L*
R557R-2 	1"	0 18	50						R588R**			
R583D 	1"	0 18	50	R588Z								
R583V 								R588Z				
R580C 	3/4"	1/2"	35	R583	R598K	R598				SUPPLIED WITH CABINET		
	1"	3/4"E	40		R598K					SUPPLIED WITH CABINET		
R580C  ⚠ Pitch varies with installation of multiple modules	3/4"	0 16	35	R583	R598K	R598				SUPPLIED WITH CABINET		
	1"	0 16	35		R598K					SUPPLIED WITH CABINET		
R585C 	3/4"	1/2"	35MM	R583	R598K	R598						
R585C 	3/4"	0 16	50	R583	R598K	R598						
	1"	0 16	50		R598K							

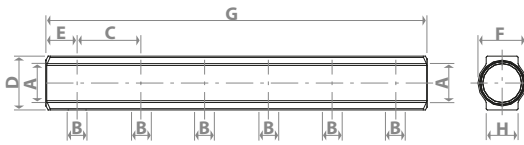
* BRACKET INCLUDED

** BRACKET AND CABINET INCLUDED

Technical and dimensional data

DIMENSIONS IN MM

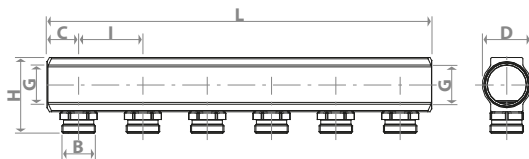
R551



	3/4"x3/8" CENTER DISTANCE 35	3/4"x1/2" CENTER DISTANCE 50	1"x3/8" CENTER DISTANCE 35	1"x1/2" CENTER DISTANCE 50	1 1/4"x1/2" CENTER DISTANCE 50	1 1/4"x3/4" CENTER DISTANCE 70	1 1/2"x1" CENTER DISTANCE 100	2"x1" CENTER DISTANCE 100
G	3/4"F	3/4"F	1"F	1"F	1 1/4"F	1 1/4"F	1 1/2"F	2"F
F	3/8"F	1/2"F	3/8"F	1/2"F	1/2"F	3/4"F	1"F	1"F
I	35	50	35	50	50	70	100	100
C	21	23	23	25	25	27	35	37
D	31	31	38	38	47	47	55	68
H	35	36	41	42	51	51	62	74

OUTLETS	CENTER DISTANCE	2	3	4	5	6	7	8	9	10	11	12
L 3/4"x3/8"	35	76	111	146	181	216	251	286	321	360	391	426
L 3/4"x1/2"	50	95	145	195	245	295	345	395	445	495	545	595
L 1"x3/8"	35	80	115	150	185	220	255	290	325	360	395	430
L 1"x1/2"	50	99	149	199	249	299	349	399	449	499	549	599
L 1 1/4"x1/2"	50	99	149	199	249	299	349	399	449	499	549	599
L 1 1/4"x3/4"	70	124	194	264	334	404	-	-	-	-	-	-
L 1 1/2"x1"	100	169	269	369	469	569	669	769	869	969	1069	1169
L 2"x1"	100	174	274	374	474	574	-	-	-	-	-	-

R551S



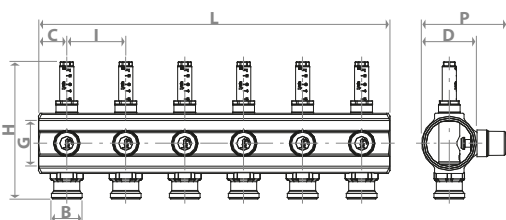
	3/4"x18	1"x18	1 1/4"x18
G	3/4"F	1"F	1 1/4"F
B	18	18	18
I	50	50	50
C	21	25	25
D	31	38	47
H	52	59	68

OUTLETS	2	3	4	5	6	7	8	9	10	11	12
L 3/4"	91	141	191	241	291	341	391	441	491	541	-
L 1"	99	149	199	249	299	349	399	449	499	549	599
L 1 1/4"	99	149	199	249	299	349	399	449	499	549	599

R553M

1"x18	
G	1"F
B	18
I	50
C	24
D	38
H	112
P	64

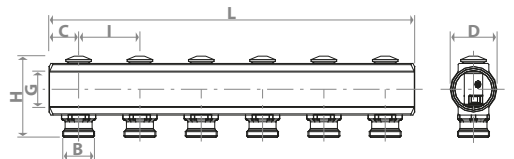
OUTLETS	2	3	4	5	6	7	8	9	10	11	12
L	98	148	198	248	298	348	398	448	498	548	598



R553S

	1"x18	1 1/4"x18
G	1"F	1 1/4"F
B	18	18
I	50	50
C	24	24
D	38	47
H	66	75

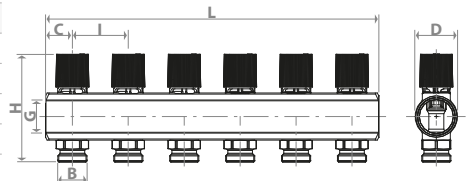
OUTLETS	2	3	4	5	6	7	8	9	10	11	12
L 1"	98	148	198	248	298	348	398	448	498	548	598
L 1 1/4"	98	148	198	248	298	348	398	448	498	548	598



R553V

	1"x18	1 1/4"x18
G	1"F	1 1/4"F
B	18	18
I	50	50
C	24	24
D	38	47
H	101	110

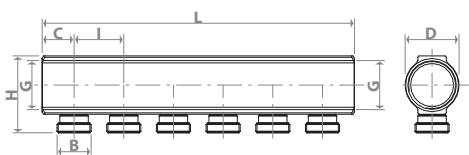
OUTLETS	2	3	4	5	6	7	8	9	10	11	12
L	98	148	198	248	298	348	398	448	498	548	598



R580

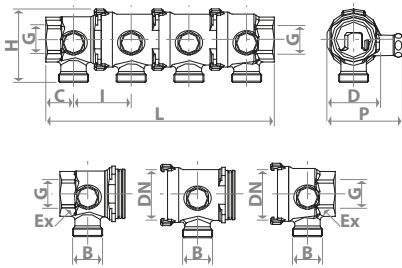
	3/4"x16	1"x16
G	3/4"F	1"F
B	16	16
I	35 or 50	35 or 50
C	21	23
D	31	38
H	48	54

CENTRE DISTANCE	OUTLETS	2	3	4	5	6	7	8	9	10
35	L 3/4"x16	80	115	150	185	220	255	290	325	360
	L 1"x16	80	115	150	185	220	255	290	325	360
50	L 3/4"x16	95	130	165	200	235	270	305	-	-
	L 1"x16	95	130	165	200	235	270	305	340	375



R53SM+R53ST

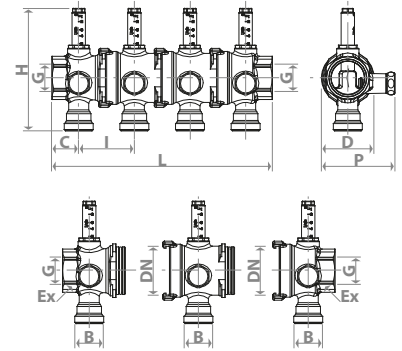
	1"xDN32x18	1 1/4"xDN32
G	1"	1 1/4"
B	18	18
EX	39	48
I	50	50
C	24	27
D	48	48
DN	32	32
H	64	64
P	66	66



	OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R53ST							1					
R53SM		-	1	2	3	4	5	6	7	8	9	10
L 1"xDN32		98	148	198	248	298	348	398	448	498	548	598
L 1 1/4"xDN32		104	154	204	254	304	354	404	454	504	554	604

R53MM+R53MT

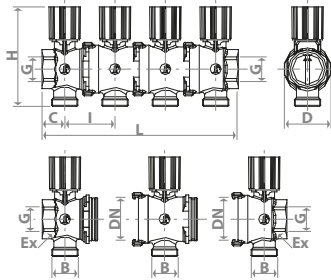
	1"xDN32x18	1 1/4"xDN32
G	1"	1 1/4"
B	18	18
EX	39	48
I	50	50
C	24	27
D	48	48
DN	32	32
H	108	108
P	66	66



	OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R53MT							1					
R53MM		-	1	2	3	4	5	6	7	8	9	10
L 1"xDN32		98	148	198	248	298	348	398	448	498	548	598
L 1 1/4"xDN32		104	154	204	254	304	354	404	454	504	554	604

R53VM+R53VT

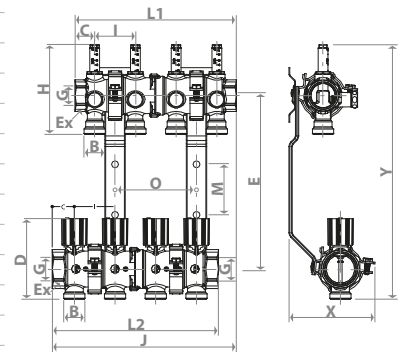
	1"xDN32x18	1 1/4"xDN32
G	1"	1 1/4"
B	18	18
EX	39	48
I	50	50
C	23	27
D	48	48
DN	32	32
H	100	100



	OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R53VT							1					
R53VM		-	1	2	3	4	5	6	7	8	9	10
L 1"xDN32		95	145	195	245	295	345	395	445	495	545	595
L 1 1/4"xDN32		104	154	204	254	304	354	404	454	504	554	604

R53MT MM+R53VT VM

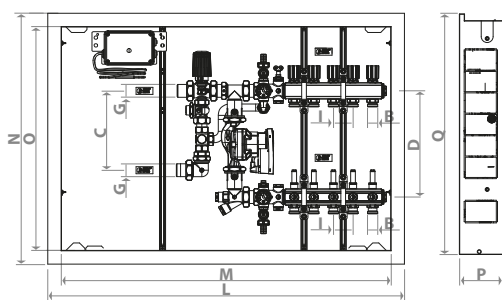
	1"xDN32x18	1 1/4"xDN32x18
G	1"	1 1/4"
B	18	18
I	50	50
C	24	27
D	100	100
H	108	108
L1	98	104
L2	95	104
J	123	129
EX	39	48
E	213	213
M	62	62
X	106	106
Y	312	312



	OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R53MT+R53VT							1					
R53MM+R53MT		-	1	2	3	4	5	6	7	8	9	10
O* 1"xDN32		-	50	100	150	200	250	300	350	400	450	500
O* 1 1/4"xDN32		-	50	100	150	200	250	300	350	400	450	500

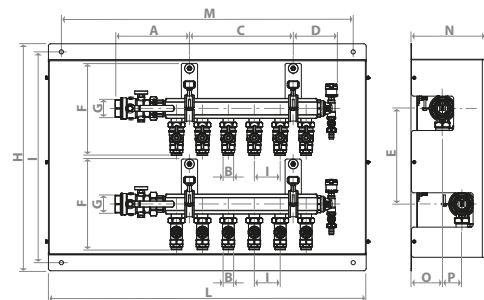
* the O distance refers to the installation of the two brackets after the first module, and before the last one respectively.

R557R-2



PRODUCT CODE	G X B	I	C	D	P	O	N	Q	M	L
R557RY024									850	910
R557RY025										
R557RY026										
R557RY027									1000	1060
R557RY028	1"		50	202	271	110	570	640	605	
R557RY029	x base 18									
R557RY030									1200	1260
R557RY031										
R557RY032										

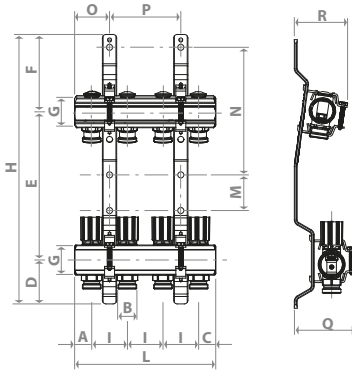
R553KI + R501



PRODUCT CODE	OUTLETS	G X B	A	C	D	E	F	H	I	L	M	N	O	P
R553KY086	6			320										
R553KY087	7	1 1/2" x 1"	229	400	136	295	284	700	650	980	900	230	97	60
R553KY088	8			480										

R553D

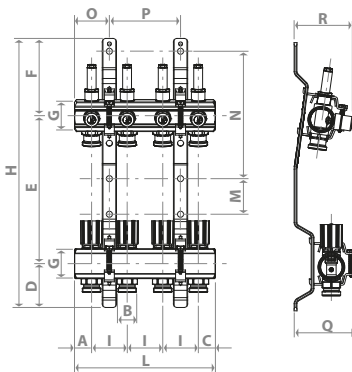
DIMENSIONS IN MM



	A	C	D	E	F	H	I	M	N	O	Q	R
Manifold 1"	24	24	62	208	108	378	50	50	179	49	86	81
Manifold 1 1/4"	24	24	62	208	104	378	50	50	179	49	88	85

PRODUCT CODE	G X B	OUTLETS	P	L	CABINET	
R553ZY002 - R553ZY042	1" x base 18	2	-	98	R500Y221	
R553ZY003 - R553ZY043		3	50	148	R500Y221	
R553ZY004 - R553ZY044		4	100	198	R500Y222	
R553ZY005 - R553ZY045		5	150	248	R500Y222	
R553ZY006 - R553ZY046		6	200	298	R500Y222	
R553ZY007 - R553ZY047		7	250	348	R500Y222	
R553ZY008 - R553ZY048		1" x 3/4" E	8	300	398	R500Y223
R553ZY009 - R553ZY049			9	350	448	R500Y223
R553ZY010 - R553ZY050			10	400	498	R500Y223
R553ZY011 - R553ZY051			11	450	548	R500Y224
R553ZY012 - R553ZY052			12	500	598	R500Y224
R553ZY022				2	-	98
R553ZY023		3	50	148	R500Y221	
R553ZY024		4	100	198	R500Y222	
R553ZY025		5	150	248	R500Y222	
R553ZY026		6	200	298	R500Y222	
R553ZY027	1 1/4" x base 18	7	250	348	R500Y222	
R553ZY028		8	300	398	R500Y223	
R553ZY029		9	350	448	R500Y223	
R553ZY030		10	400	498	R500Y223	
R553ZY031		11	450	548	R500Y224	
R553ZY032		12	500	598	R500Y224	

R553F

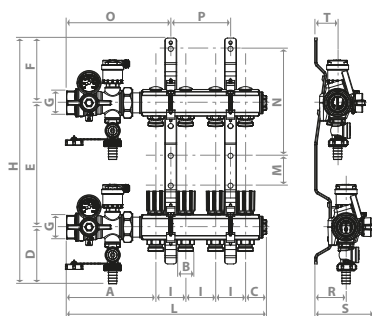


	A	C	D	E	F	H	I	M	N	O	Q	R
Manifold 1"	24	24	62	208	108	378	50	50	179	49	86	83
Manifold 1 1/4"	24	24	62	208	104	378	50	50	179	49	88	88

PRODUCT CODE	G X B	OUTLETS	P	L	CABINET	
R553FZY002 - R553FZY042	1" x base 18	2	-	98	R500Y221	
R553FZY003 - R553FZY043		3	50	148	R500Y221	
R553FZY004 - R553FZY044		4	100	198	R500Y222	
R553FZY005 - R553FZY045		5	150	248	R500Y222	
R553FZY006 - R553FZY046		6	200	298	R500Y222	
R553FZY007 - R553FZY047		7	250	348	R500Y222	
R553FZY008 - R553FZY048		1" x 3/4" E	8	300	398	R500Y223
R553FZY009 - R553FZY049			9	350	448	R500Y223
R553FZY010 - R553FZY050			10	400	498	R500Y223
R553FZY011 - R553FZY051			11	450	548	R500Y224
R553FZY012 - R553FZY052			12	500	598	R500Y224
R553FZY022				2	-	98
R553FZY023		3	50	148	R500Y221	
R553FZY024		4	100	198	R500Y222	
R553FZY025		5	150	248	R500Y222	
R553FZY026		6	200	298	R500Y222	
R553FZY027	1 1/4" x base 18	7	250	348	R500Y222	
R553FZY028		8	300	398	R500Y223	
R553FZY029		9	350	448	R500Y223	
R553FZY030		10	400	498	R500Y223	
R553FZY031		11	450	548	R500Y224	
R553FZY032		12	500	598	R500Y224	

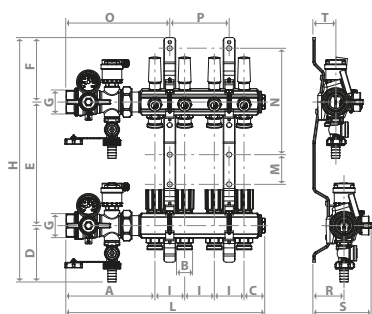
R553DK

DIMENSIONS IN MM



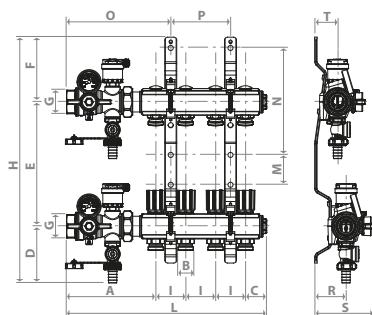
PRODUCT CODE	OUTLETS	G X B	A	C	D	E	F	H	I	L	M	N	O	P	R	S	T	CABINET
R553DK102	2									235								R500Y221
R553DK103	3									285								R500Y221
R553DK104	4									335								R500Y222
R553DK105	5									385								R500Y222
R553DK106	6									435								R500Y222
R553DK107	7	1 x base 18	149	36	95	208	108	411	50	485	50	179	174	100	53	99	38	R500Y222
R553DK108	8									535								R500Y223
R553DK109	9									585								R500Y223
R553DK110	10									635								R500Y223
R553DK111	11									685								R500Y224
R553DK112	12									735								R500Y224

R553FK



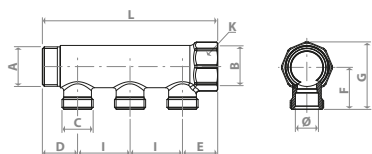
PRODUCT CODE	OUTLETS	G X B	A	C	D	E	F	H	I	L	M	N	O	P	R	S	T	CABINET
R553FK102	2									235								R500Y221
R553FK103	3									285								R500Y221
R553FK104	4									335								R500Y222
R553FK105	5									385								R500Y222
R553FK106	6									435								R500Y222
R553FK107	7	1 x base 18	149	36	95	208	108	411	50	485	50	179	174	100	53	99	38	R500Y222
R553FK108	8									535								R500Y223
R553FK109	9									585								R500Y223
R553FK110	10									635								R500Y223
R553FK111	11									685								R500Y224
R553FK112	12									735								R500Y224

R557F

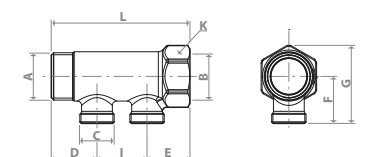


PRODUCT CODE	OUTLETS	G X B	I	K	H	E	M	N	O	L	P
R557FY002	2								/	377	
R557FY003	3								/	427	
R557FY004	4								100	477	
R557FY005	5								150	527	
R557FY006	6								200	577	
R557FY007	7	1 x base 18	50	1 1/2"	433-473	274-314	137	130-180	250	627	117
R557FY008	8								300	677	
R557FY009	9								350	727	
R557FY010	10								400	777	
R557FY011	11								450	827	
R557FY012	12								500	877	

R580C



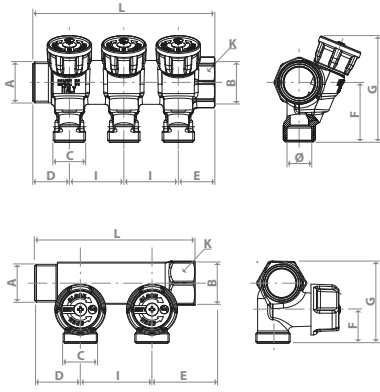
PRODUCT CODE	SIZE A X B	C	Ø	D	E	F	G	I	K	L
R580CY062										82
R580CY063	3/4"M x 3/4"F	1/2"	16	23,5	23,5	28,5	45	35	31	117
R580CY064										152
R580CY052										92
R580CY053	1"M x 1"F	3/4" E	18	26	26	33	53	40	38	132
R580CY054										172



PRODUCT CODE	SIZE A X B	C	D	E	F	G	I	K	L	
R580CY022										97
R580CY023	3/4"M x 3/4"F		32	30	28	46	35	31		132
R580CY024										167
R580CY042		16								97
R580CY043	1"M x 1"F		32	30	33	55	35	39		132
R580CY044										167

R585C

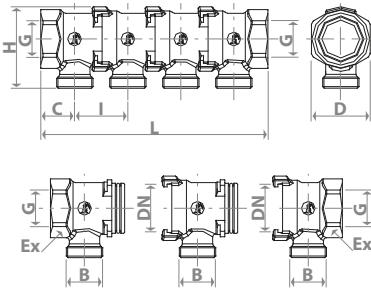
DIMENSIONS IN MM



PRODUCT CODE	SIZE A X B	C	Ø	D	E	F	G	I	K	L
R585CY062	3/4" M x 3/4" F	1/2"	16	23,5	23,5	28,5	69	35	31	82
R585CY063										117
R585CY064										152

PRODUCT CODE	SIZE A X B	C	D	E	F	G	I	K	L
R585CY022	3/4" M x 3/4" F	16	32	30	42	58	50	31	112
R585CY023									162
R585CY024									212
R585CY042	1" M x 1" F		32	30	45	65	50	39	112
R585CY043									162
R585CY044									212

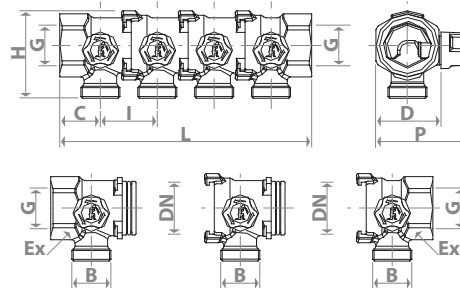
R580T-R580M



	3/4"xDN25 x16	1"xDN25 x16	1"xDN32 x18	1 1/4"xDN32 x18
G	3/4"	1"	1"	1 1/4"
B	16	16	18	18
EX	31	39	39	48
I	35	35	50	50
C	21	23	23	25
D	37	39	48	48
DN	25	25	32	32
H	54	54	64	64

OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R580T	1	1	1	1	1	1	1	1	1	1	1
R580M	-	1	2	3	4	5	6	7	8	9	10
L 3/4"XDN25	77	112	147	182	217	252	287	322	357	392	427
L 1"XDN25	80	115	150	185	220	255	290	325	360	395	430
L 1"XDN32	95	145	195	245	295	345	395	445	495	545	595
L 1 1/4"XDN32	100	150	200	250	300	350	400	450	500	550	600

R585T-R585M



	3/4"xDN25 x16	1"xDN25 x16
G	3/4"	1"
B	16	16
EX	31	39
I	35	35
C	22	25
D	31	39
DN	25	25
H	54	54
P	51	55

OUTLETS	2	3	4	5	6	7	8	9	10	11	12
R585T	1	1	1	1	1	1	1	1	1	1	1
R585M	-	1	2	3	4	5	6	7	8	9	10
L 3/4"XDN25	78	113	148	183	218	253	288	323	358	393	428
L 1"XDN25	85	120	155	190	225	260	295	330	365	400	435

