

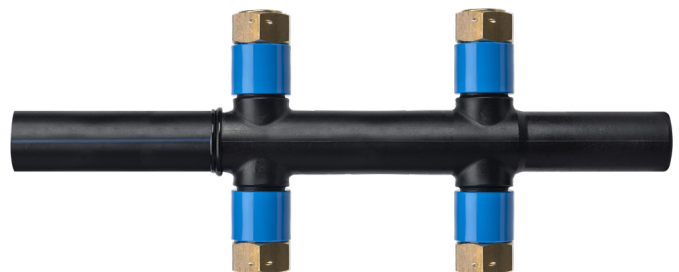
**RECANATI**



**Polyethylene  
manifolds for utilities**



**R-MULTIPLE® LINE  
R-MULTIPOINT® 2" LINE**



# Polyethylene manifolds for utilities

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### CENTRE FEED

- 3523003 – 3 outlets × 25 mm
- 3523004 – 4 outlets × 25 mm
- 3523006 – 6 outlets × 25 mm

### END FEED

- 3524004 – 4 outlets × 25 mm
  - 3524006 – 6 outlets × 25 mm
-

## WHO WE ARE

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**RECANATI** is an Italian company that develops and manufactures transition fittings and special accessories for gas & water distribution networks that works in the Energy and Utilities field.

With more than 40 years of experience, **RECANATI** works flexibly to offer the highest quality and customized solutions to clients who operate worldwide and face specific needs and regulations.

In an increasingly interconnected society, RECANATI's mission is to unite, control and direct the flow of resources to contribute to sustainable development.



## CERTIFICATIONS AND STANDARDS

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Recanati complies with the following standards:



Recanati manifolds are manufactured and tested according to the following standards:

- EN 12201-3
- UNI 9736 :2014
- ACS
- WRAS

# SUSTAINABILITY

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Water, gas, and geothermal energy. Making good use of the Planet's resources is our vocation and one of the most critical challenges of the present.

Our commitment to sustainability starts with our Company: our furniture and finishes are made of natural, sustainable, recyclable and, if possible, local materials.

Our Facilities are integrated into the surroundings nature: we have set space for trees, diverse hedges, ponds and areas of wild vegetation, provided passageways for animals and let fauna and flora colonize the catchment areas.

## VALUES

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### CONNECTION

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We create "connections", in a material and metaphorical sense: between people, between people and things, between things and our territory.

### CUSTOMIZATION

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We listen and interpret each customer's needs to create unique products that meets specific technical and regulatory requirements.

### EXPERIENCE

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With more than forty years of work behind us, we are thoroughly familiar with our field, which has developed along with the ways of producing energy.

### QUALITY

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We carry out quality checks throughout the production process, verifying not only product characteristics, but also conformity to the Client's requirements.

### FLEXIBILITY

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Our human scale and craftsman's approach allow us to approach the design and production stages with maximum flexibility.



# R-MULTIPLE® LINE → INTRODUCTION

Water sustains ecosystems and regulates the climate, but it is a finite resource. Preservation of water resources poses a growing risk to the economies, communities and ecosystems on which they depend.

Finding solutions for water conservation is therefore a vital challenge for everyone's future.

For more than 20 years, Recanati has been designing, manufacturing and supplying water main accessories. R-Multiple water manifolds are the result of years of production in pursuit of excellence.

Today we are able to meet standards requirements and Customer needs, offering to engineers and contractors the ideal solution for connecting water meters in homes.



## Advantages

### RESISTANCE

R-Multiple water manifolds offer maximum resistance to chemical attack and are guaranteed to operate under pressure up to 16 bar in a temperature range of -15°/+30°C.

### FLEXIBILITY

R-Multiple water manifolds are available in modules that can be welded on one or both ends to allow more branches and adapt to different system requirements.

### SIMPLICITY

R-Multiple manifolds assembly phase is quick and easy, can be done by T/T welding or through the use of electrofusion fittings.

### QUALITY

R-Multiple water manifolds are non-toxic and odorless. As all Recanati products, they undergo strict quality control according to the relevant UNI and ISO standards.

### SECURITY

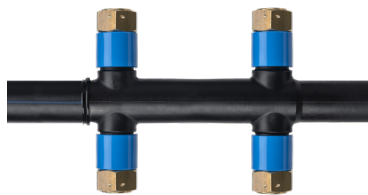
Product safety is represented by the production technology that combines two of the most important standards in PE processing: UNI EN 12201 and UNI 9736.

## ITEMS TECHNICAL DESCRIPTION

### TYPE Unilateral, 2/22 outlets



### Bilateral 4/40 outlets



### INTERAX



\*160 mm available only for Ø 63mm

### ENDS

#### To weld



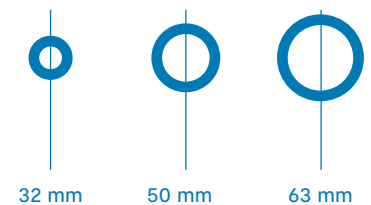
#### End of line



#### Transition



### Ø PE BODY DIAMETER



### OUTLETS



→ Brass insert with female thread is available in the following sizes: 1/2", 3/4", 1".

→ For 3/4" and 1" models, the nut can be fixed or loose.

### MATERIALS

→ Body: Polyethylene PE100 SDR11 (PN16)

→ Compression sleeve: Blue Nylon PA6

→ Insert & nut: Brass (suitable for contact with potable water)

## Why use R-Multiple®?

- ideal for single and multi-user utilities (apartment buildings)
- quick installation
- mechanical strength
- resistance to moisture and frost
- unlimited number of outlets (due to modular structure that can be assembled)
- resistance to chemical corrosion, solvents
- (disinfectants) and stray currents
- resistance to pressure
- no lead in internal contact with drinking water
- resistance to aging

## CODE COMPOSITION

Code composition is needed only for the R-Multiple line and not for the R-Multiport line.

MODEL			INTERAX	DIAMETER	FIXED INSERT*	OUTLETS
End	Unilateral	Bilateral				
end of line/ to weld	U800	B900	120 mm	32 mm	1/2" (12)	2 (min)
extention/ to weld	U801	B901	160 mm (available for Ø 63 mm only)	50 mm	3/4" (34)	...
transition/ end of line	U802	B902	180 mm	63 mm	4/4" (44)	40 (max)
extention / transition	U803	B903				
transition/ transition	U804	B904				

## Example

In the case you want to order a unilateral manifold model U800 (end of line/weld) with D Hanlde 120 mm, PE body diameter 63 mm, insert and fixed nut 3/4", 2 outlets, the code will be as follows:

MODEL	INTERAX	DIAMETER	FIXED INSERT*	OUTLETS
<b>U800</b>	<b>120</b>	<b>63</b>	<b>34</b>	<b>02</b>

\* If the swivel nut is desired, we kindly request you to specify this when ordering by replacing the "U" or "B" with the letter "G" in the model code. For example, U800 becomes G800.

## MULTIPLE U800

### TYPE

Unilateral

### END

End of line /  
To weld



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water)

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

### OUTLETS

Brass female threaded insert with  
fixed nut, available in the  
following sizes: ½", ¾", 1".

## MULTIPLE U801

### TYPE

Unilateral

### END

Extension /  
To weld



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water)

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

### OUTLETS

Brass female threaded insert with  
fixed nut, available in the  
following sizes: ½", ¾", 1".

## MULTIPLE U802

### TYPE

Unilateral

### END

Transition /  
End of line



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water)

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

### OUTLETS

Brass female threaded insert with  
fixed nut, available in the  
following sizes: ½", ¾", 1".

### INLET

Male threaded brass transition  
adapter (other types on request).

## MULTIPLE U803

### TYPE

Unilateral

### END

Extention /  
Transition



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water)

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

### OUTLETS

Brass female threaded insert with  
fixed nut, available in the  
following sizes: ½", ¾", 1".

### INLET

Male threaded brass transition  
adapter (other types on request).

## MULTIPLE U804

### TYPE

Unilateral

### END

Transition /  
Transition



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water)

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

### OUTLETS

Brass female threaded insert with  
fixed nut, available in the  
following sizes: ½", ¾", 1".

### INLET

Male threaded brass transition  
adapter (other types on request).

## MULTIPLE B900

### TYPE

Bilateral

### END

End of line /  
To weld



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water)

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

### OUTLETS

Brass female threaded insert with  
fixed nut, available in the  
following sizes: 1/2", 3/4", 1".

## MULTIPLE B901

### TYPE

Bilateral

### END

Extension /  
To weld



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water)

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

### OUTLETS

Brass female threaded insert with  
fixed nut, available in the  
following sizes: 1/2", 3/4", 1".

## MULTIPLE B902

### TYPE

Bilateral

### END

Transition /  
End of line



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water)

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

### OUTLETS

Brass female threaded insert with  
fixed nut, available in the  
following sizes: 1/2", 3/4", 1".

### INLET

Male threaded brass transition  
adapter (other types on request).

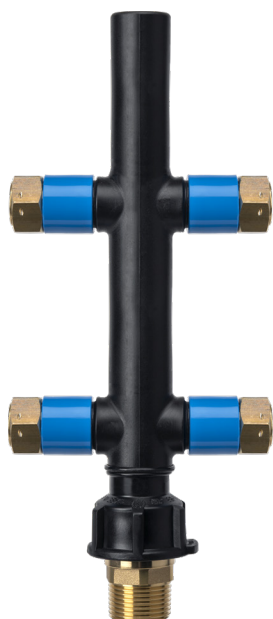
## MULTIPLE B903

### TYPE

Bilateral

### END

Extention /  
Transition



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water).

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

### OUTLETS

Brass female threaded insert  
with fixed nut, available in the  
following sizes: 1/2", 3/4", 1".

### INLET

Male threaded brass transition  
adapter (other types on request).

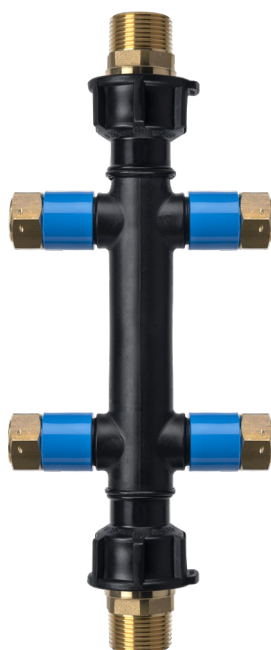
## MULTIPLE B904

### TYPE

Bilateral

### END

Transition /  
Transition



### MATERIALS

Body: Polyethylene PE100  
SDR11 (PN16)  
Compression sleeve: Blue Nylon  
PA6  
Insert & nut: Brass  
(suitable for contact with potable  
water).

### DIAMETER

32/50/63 mm

### INTERAX

120/180/160\* (160mm available  
only for Ø 63mm)

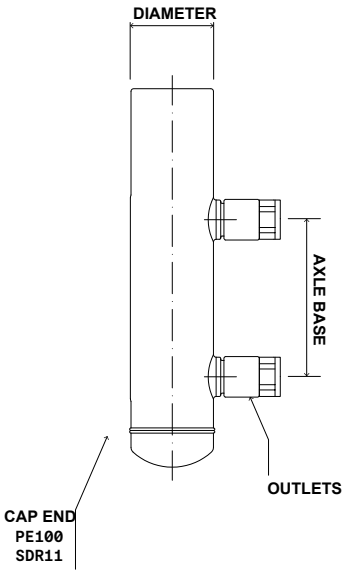
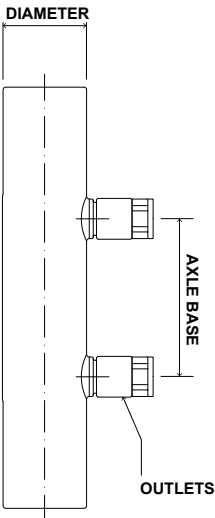
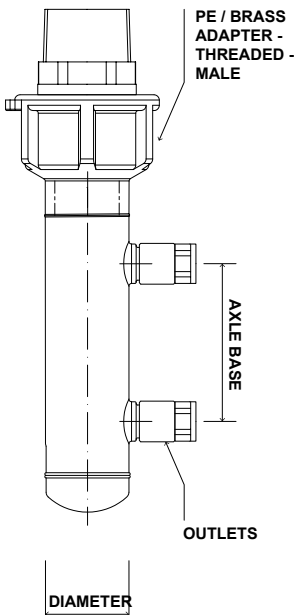
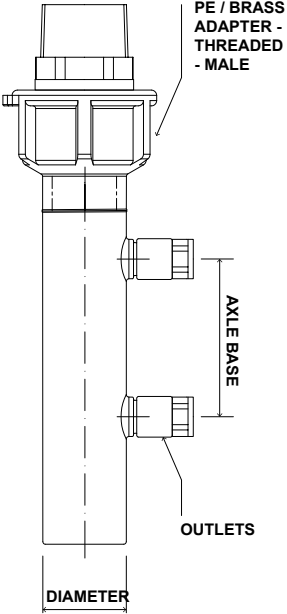
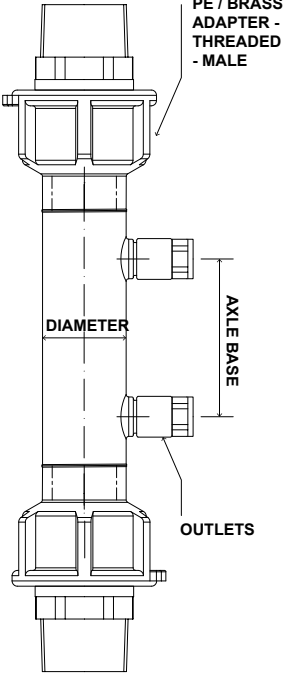
### OUTLETS

Brass female threaded insert  
with fixed nut, available in the  
following sizes: 1/2", 3/4", 1".

### INLET

Male threaded brass transition  
adapter (other types on request).

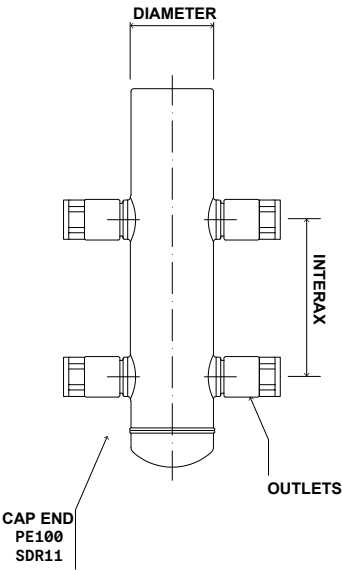
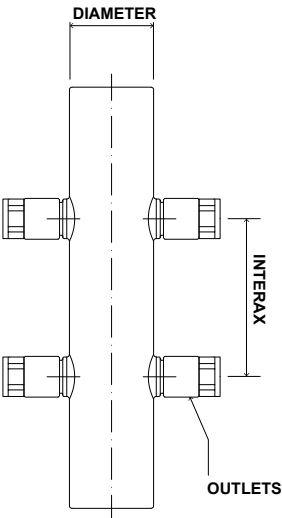
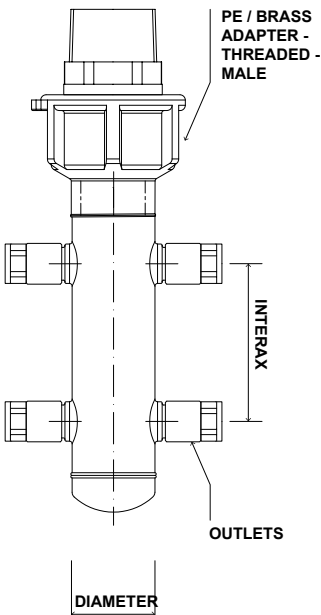
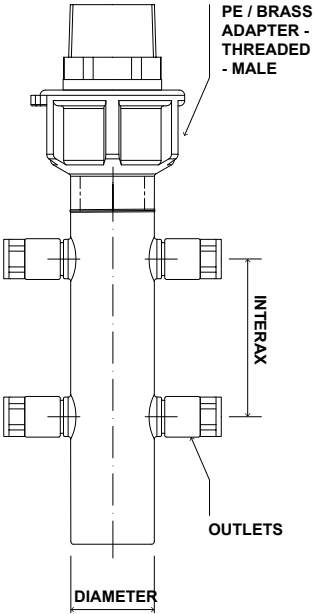
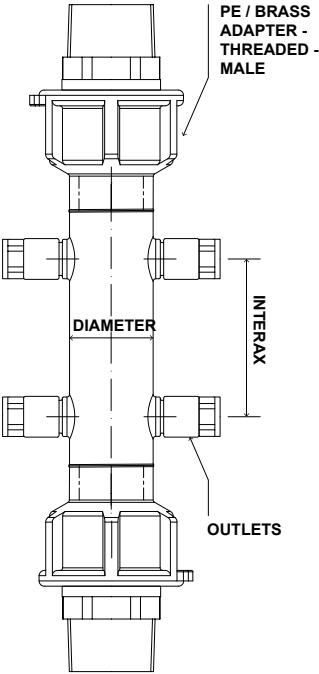
Unilateral

<p><b>U800</b></p>  <p>DIAMETER</p> <p>AXLE BASE</p> <p>OUTLETS</p> <p>CAP END PE100 SDR11</p>	<p><b>U801</b></p>  <p>DIAMETER</p> <p>AXLE BASE</p> <p>OUTLETS</p>	<p><b>U802</b></p>  <p>PE / BRASS ADAPTER - THREADED - MALE</p> <p>AXLE BASE</p> <p>OUTLETS</p> <p>DIAMETER</p>
<p><b>U803</b></p>  <p>PE / BRASS ADAPTER - THREADED - MALE</p> <p>AXLE BASE</p> <p>OUTLETS</p> <p>DIAMETER</p>	<p><b>U804</b></p>  <p>PE / BRASS ADAPTER - THREADED - MALE</p> <p>DIAMETER</p> <p>AXLE BASE</p> <p>OUTLETS</p>	

To order the manifold with the required features, it is necessary to complete the part number by following the directions on page 08.

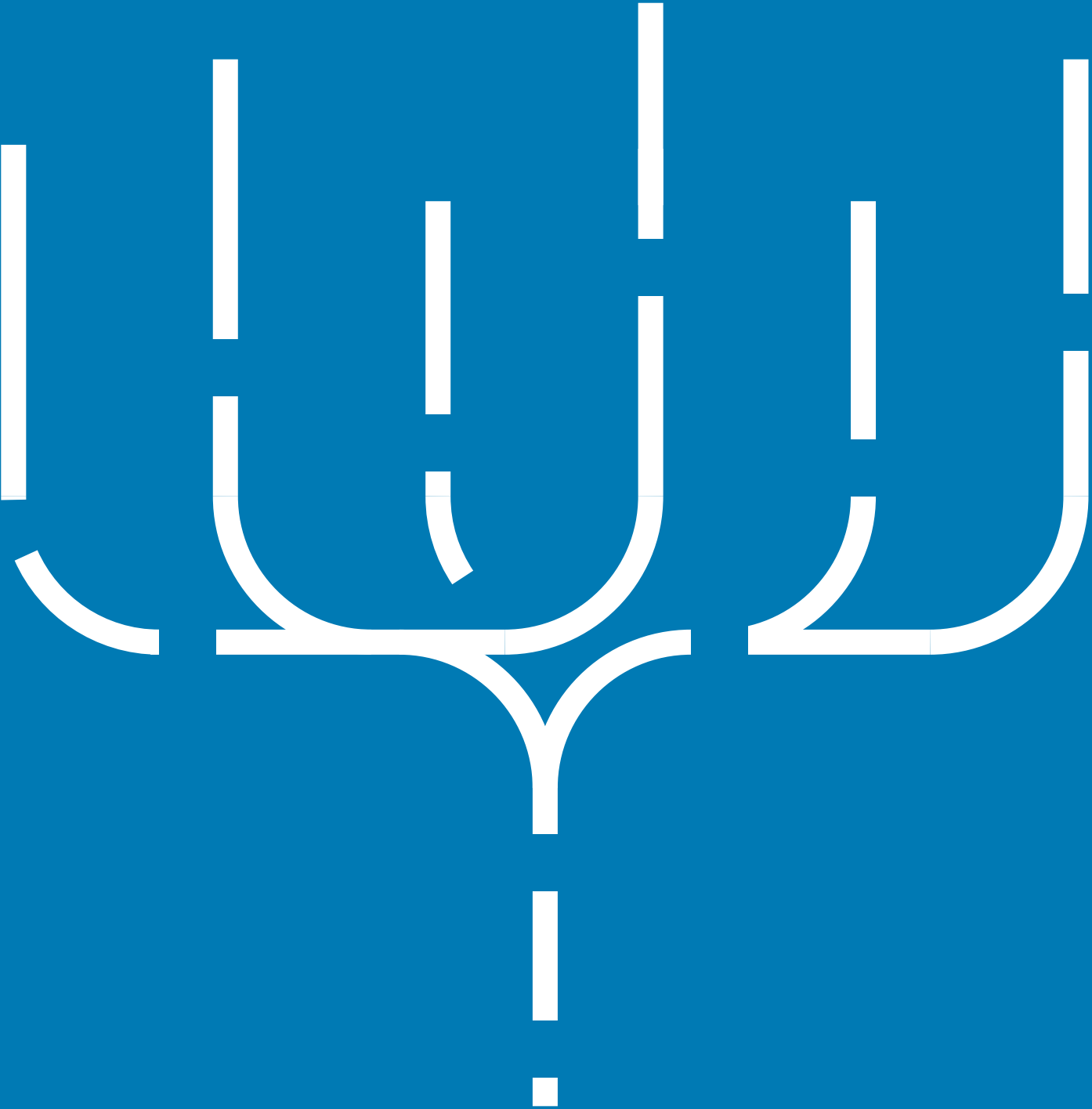
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[info@recanatieurope.it](mailto:info@recanatieurope.it)

Unilateral

<p><b>B900</b></p>  <p>DIAMETER</p> <p>INTERAX</p> <p>OUTLETS</p> <p>CAP END PE100 SDR11</p>	<p><b>B901</b></p>  <p>DIAMETER</p> <p>INTERAX</p> <p>OUTLETS</p>	<p><b>B902</b></p>  <p>PE / BRASS ADAPTER - THREADED - MALE</p> <p>INTERAX</p> <p>OUTLETS</p> <p>DIAMETER</p>
<p><b>B903</b></p>  <p>PE / BRASS ADAPTER - THREADED - MALE</p> <p>INTERAX</p> <p>OUTLETS</p> <p>DIAMETER</p>	<p><b>B904</b></p>  <p>PE / BRASS ADAPTER - THREADED - MALE</p> <p>DIAMETER</p> <p>INTERAX</p> <p>OUTLETS</p>	

To order the manifold with the required features, it is necessary to complete the part number by following the directions on page 08.

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[info@recanatieurope.it](mailto:info@recanatieurope.it)



R-Multiport® manifolds permit water mains connection and distribution of water to the various utilities.

They are available in centre feed with four or six ports and end feed with three, four and six port arrangements. End feed manifolds can be joined together to allow for a greater number of ports to accommodate the largest of installations.



## Production Range

### END FEED

- ideal for multi-occupancy dwellings.
- Water service pipe is connected to the 2" BSP thread and channelled to each outlet.
- Available in 3,4 and 6 port options.
- 2" BSP threaded connection at each end allows manifolds to be connected together.
- a "no-rise" kit is available to close the end and eliminate the possibility of standing water.

### CENTRE FEED

- ideal for multi-occupancy dwellings.
- Water service pipe is connected to the 2" BSP thread and channelled to each outlet.
- Available with 4 and 6 outlets.
- 2" BSP threaded connection.

### DEAD LEG KIT

Where an end feed manifold is used without 'continuation' a dead leg kit is required to blank the open end.

## MULTIPORT 2"

Polyethylene manifolds  
for utilities



### END FEED

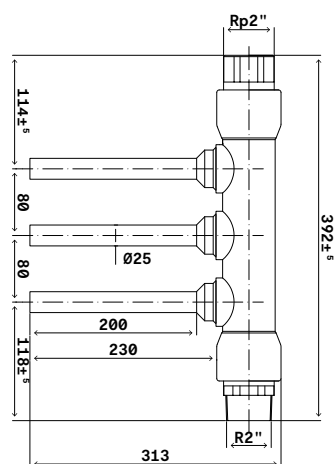


### CENTRE FEED

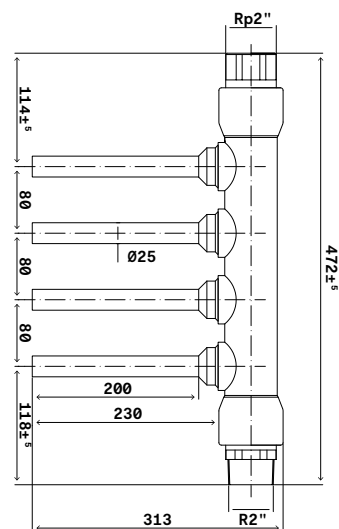


## End Feed

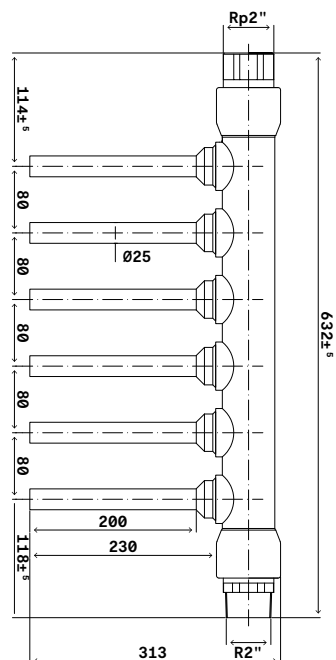
3523003



3523004

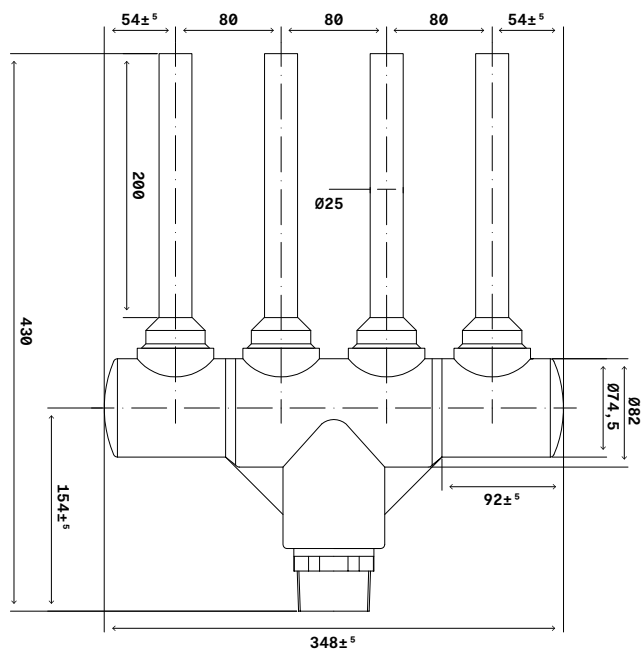


3523006

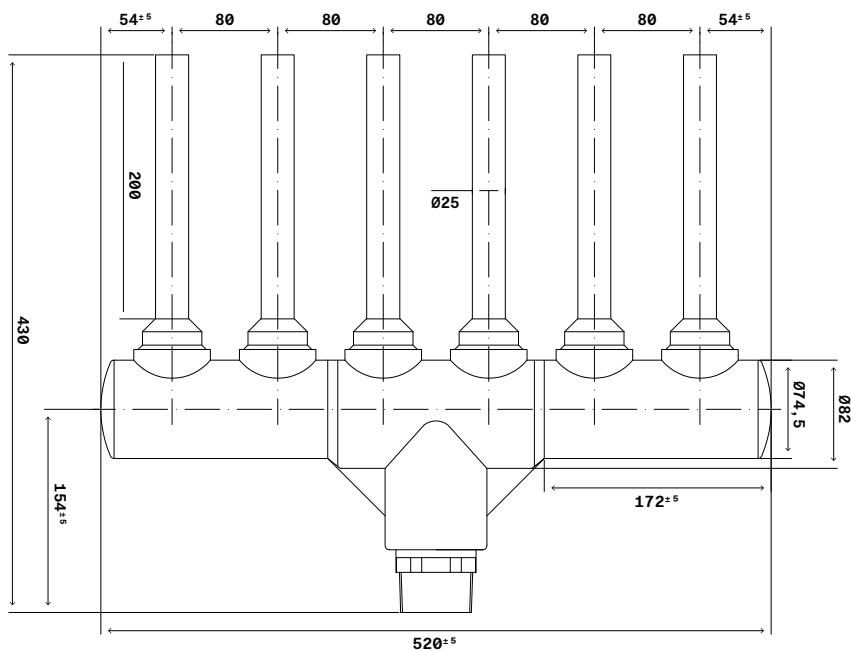


## Centre Feed

3524004



3524006





**Flowing with energy**