

**Practical  
Safe  
Tested**



**aquatechnik**®

From the aquatechnik experience, a serie of modular manifolds is born: they are available in the single version and in the preassembled one, already completed with the micrometric holder, valves and brackets. Each manifold is modular and allows to the installer to suit the number of the connection to the number of the zone.

The aquatechnik modular manifolds are available in two versions:

- **MULTIRAPID IN PPSU** (white colour)
- **VALURAPID IN PA-M** (black colour)

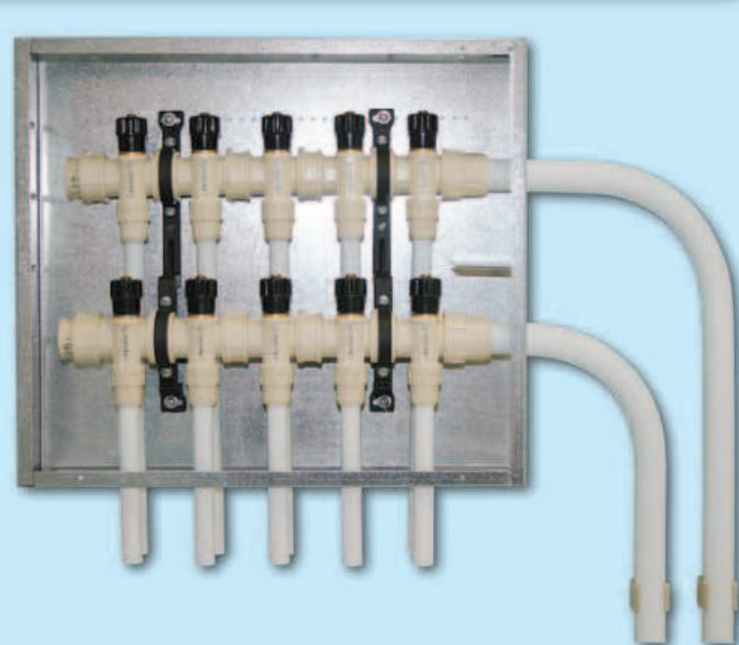
The multirapid manifolds in PPSU can be applied for all kind of conveyance, heating and sanitary installation, while the valurapid manifolds in PA-M can be used in conditioning, in traditional heating and in floor one.

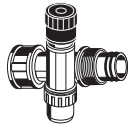
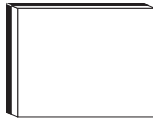


The dimensions are the same for both the series. They are completely compatible with the safety range. The manifold input can be on the right or on the left and can be internal or external to the inspection case.



## MANIFOLDS AND COMPONENTS FOR HYDRO-SANITARY INSTALLATIONS

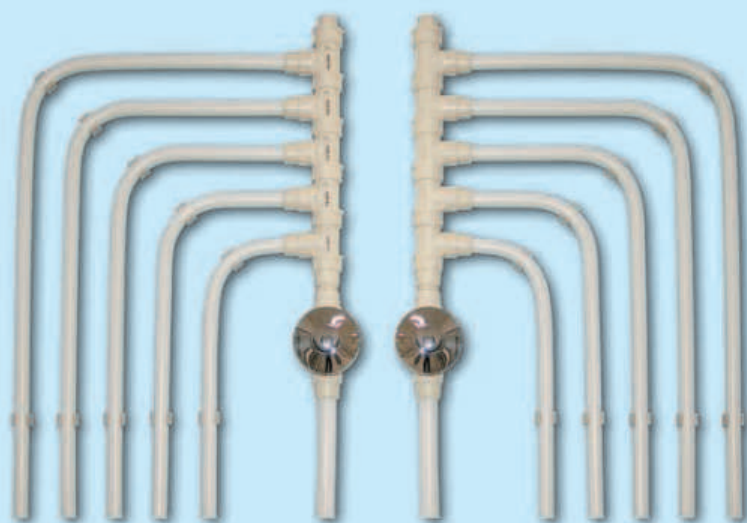
Modular manifold to be placed in the inspection case with interception shut-off valves for any device.



Items			
Figure	Description	Codes	Dimensions
	<b>MULTIRAPID MANIFOLD</b> safety-pol for sanitary water conveyance with shut-off valve	21312	20 - 16
	<b>INSPECTION CASE</b> for safety manifolds Ø 20 and 26 to be built-in, without brackets, of steel sheet with white-painted cover	71458	max 5 connections 350 x 400 x 90
	<b>LOCKING BRACKET</b> for safety manifolds	73580	for safety manifolds Ø 20 and case 71458
	<b>CLOSING CAP M.</b> safety-pol	20906	20
It can be assembled also with manifolds Ø 26-16 and 26-20			



Manifold to be placed wall-in with interception shut-off valves

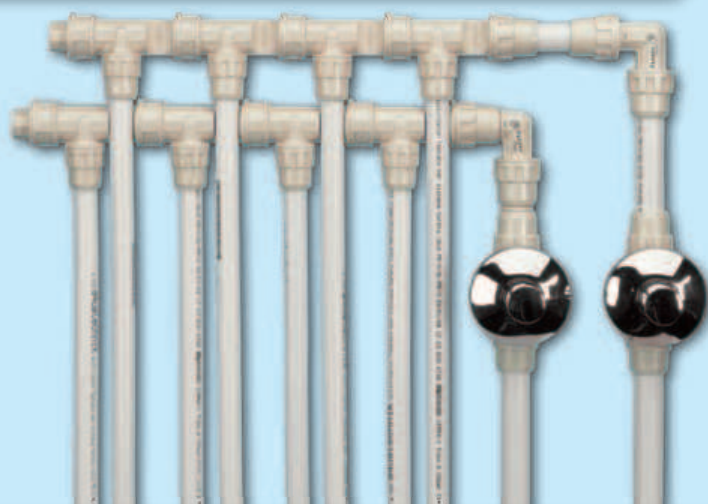


## Items

Figure	Description	Codes	Dimensions
	<b>MODULAR MANIFOLD</b> safety-pol free-laying and wall-in	21302	20 - 16
	<b>SHUT-OFF VALVE</b> safety-pol screw closing	21206	20 - 20
	<b>NIPPLES F/F</b> safety-pol	20526	20 - 20
	<b>CLOSING CAP M.</b> safety-pol	20906	20

It can be assembled also with manifolds Ø 26-16 and 26-20

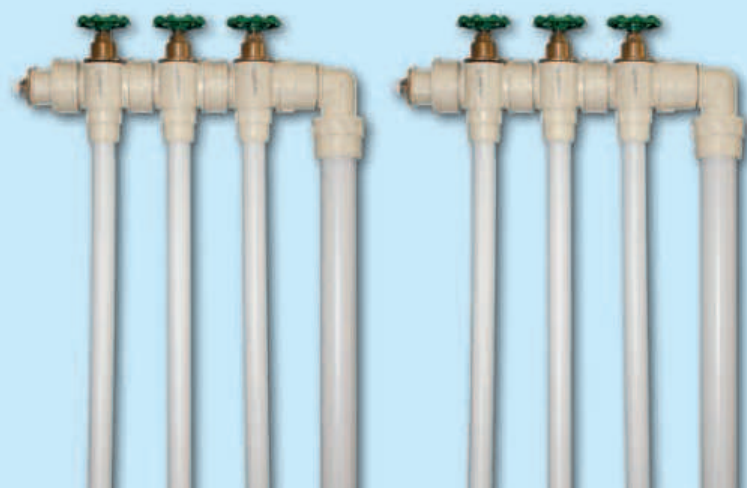
Swan-neck manifold to be placed wall-in with interception shut-off valves



## Items

Figure	Description	Codes	Dimensions
	<b>SWAN-NECK MANIFOLD</b> safety-pol	21782	20 - 16
	<b>SHUT-OFF VALVE</b> safety-pol screw closing	21206	20 - 20
	<b>NIPPLES F/F</b> safety-pol	20526	20 - 20
	<b>CLOSING CAP M.</b> safety-pol	20906	20
	<b>ELBOW 90°</b> safety-pol	20386	20 - 20
	<b>ELBOW 90° M/F</b> safety-pol	20356	20 - 20

Multirapid manifold for water conveyance to be placed in the technical rooms

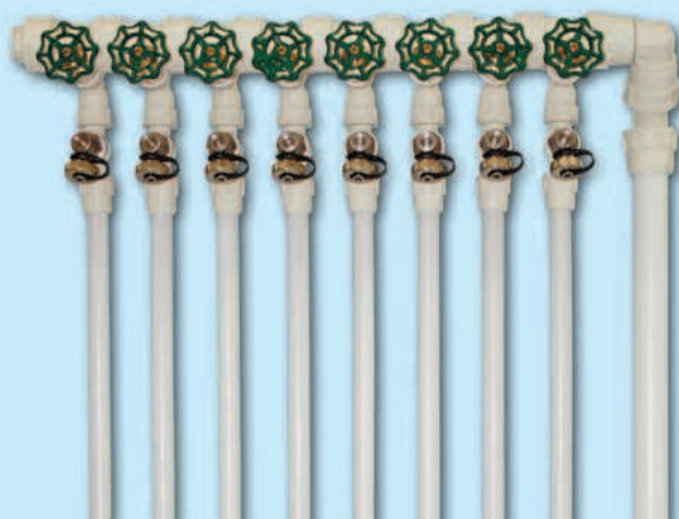


## Items

Figure	Description	Codes	Dimensions
	<b>MULTIRAPID MANIFOLD</b> safety-pol for sanitary water conveyance with shut-off valve	21350	40 - 26
	<b>ELBOW 90° M/F</b> safety-pol	20362	40 - 40
	<b>CLOSING CAP M.</b> safety-pol	20912	40

It can be assembled also with manifolds Ø 32-16, 32-20 and 40-20

Multirapid manifold for water conveyance with horizontal shut-off valves to be placed in the technical rooms



Multirapid manifold for water conveyance with water-meters to be placed in the inspections cases or in the inspectionable spaces



Items			
Figure	Description	Codes	Dimensions
	<b>MULTIRAPID MANIFOLD</b> safety-pol for sanitary water conveyance with shut-off valve	21346	32 - 20
	<b>ELBOW 45°</b> safety-pol	20420	32 - 32
	<b>ELBOW 90° F/F</b> safety-pol	20406	20 - 20
	<b>THREADED TEE F.</b> safety-pol	20546	20 - F 1/2" - 20
	<b>CLOSING CAP M.</b> safety-pol	20910	32
	<b>DRAIN VALVE</b> with cap	93370	conn. 1/2" drain 3/4"
It can be assembled also with manifolds Ø 40-20 and 40-26			

Items			
Figure	Description	Codes	Dimensions
	<b>MULTIRAPID MANIFOLD</b> safety-pol for sanitary water conveyance with shut-off valve	21346	32 - 20
	<b>THREADED JOINT F/F</b> of metal	30106	F 1/2" - 20
	<b>ELBOW 90° M/F</b> safety-pol	20360	32 - 32
	<b>CLOSING CAP M.</b> safety-pol	20910	32
	<b>THREADED JOINT F.</b> safety-pol	20066	F 1/2" - 20
It can be assembled also with manifolds Ø 32-16, 40-20 and 40-26			

## MANIFOLDS AND COMPONENTS OF PPSU FOR TRADITIONAL HEATING

Manifold to be placed in the inspection case



Items			
Figure	Description	Codes	Dimensions
	<b>MODULAR MANIFOLD</b> safety-pol free-laying and walled-in	21304	26 - 16
	<b>INSPECTION CASE</b> for safety manifolds Ø 20 and 26 to be built-in, without brackets, of steel sheet with white-painted cover	71460	max 9 connections 400 x 700 x 90
	<b>LOCKING BRACKET</b> for manifolds	73582	for safety manifolds Ø 26 and cases 71458-460
	<b>ELBOW 90° M/F</b> safety-pol	20358	26 - 26
	<b>REDUCING CAP</b> safety manifolds, for vent and drain set of PPSU	21064	F 1/2" - 26
	<b>MANUAL VENT VALVE</b>	92332	M 1/2"
It can be assembled also with manifolds Ø 20-14, 20-26, 26-14, 26-18 and 26-20			

## Coplanar manifold to be placed in the inspection case



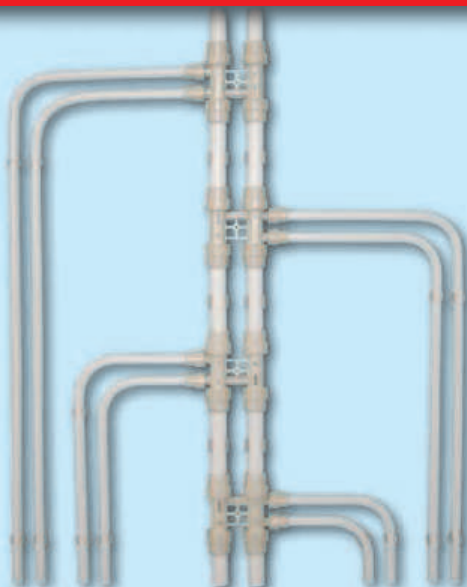
Items			
Figure	Description	Codes	Dimensions
	<b>COPLANAR MANIFOLD</b> safety-pol	21658	26 - 16
	<b>INSPECTION CASE</b> for safety manifolds Ø 20 and 26 to be built-in, without brackets, of steel sheet with white-painted cover	71460	max 9 connections 400 x 700 x 90
	<b>LOCKING BRACKET</b> for manifolds	73586	for coplanar and derivation manifold
	<b>REDUCING CAP</b> safety manifolds, for vent and drain set of PPSU	21064	F 1/2" - 26
	<b>MANUAL VENT VALVE</b>	92332	M 1/2"

## Cross manifold to be placed in the inspection case. Vent valves (manual or automatic) placed on the output of the last manifold



Items			
Figure	Description	Codes	Dimensions
	<b>CROSS MANIFOLD</b> safety-pol	21406	26 - 16 - 26
	<b>INSPECTION CASE</b> for safety manifolds Ø 20 and 26 to be built-in, without brackets, of steel sheet with white-painted cover	71460	max 9 connections 400 x 700 x 90
	<b>LOCKING BRACKET</b> for manifolds	73582	for safety manifolds Ø 26 and cases 71458-460
	<b>AUTOMATIC VENT VALVE</b>	92322	M 1/2"
	<b>REDUCING CAP</b> safety manifolds, for vent and drain set of PPSU	21064	F 1/2" - 26
	<b>BALL VALVE</b> safety-pol with butterfly handle	21288	26 - 26

## Derivation manifold to be built-in

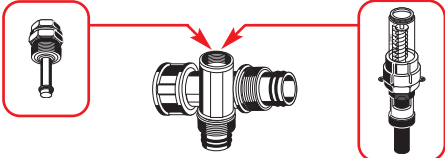
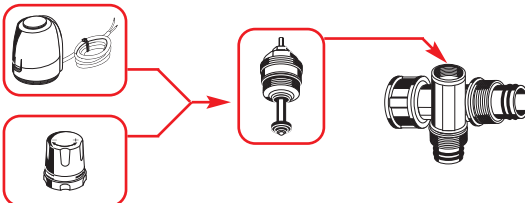
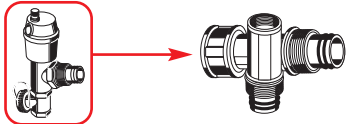
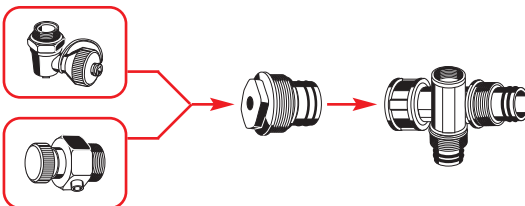
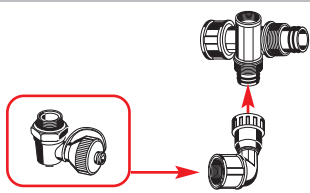
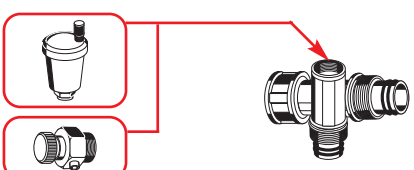


Items			
Figure	Description	Codes	Dimensions
	<b>DERIVATION MANIFOLD</b> safety-pol	21689	26 - 16

## Multirapid and valurapid manifold body Ø 32

The completeness of the accessory range for manifolds allows to customize them according to the specific requirements of each system. Besides the multi-calor pipe, also the multi-eco, poli-pert and pipes in PE-X\* can be connected to the outlets of the valurapid manifolds. Special fittings of the safety range allow to customize the connections to the multirapid and valurapid manifolds.

The main couplings are described below.

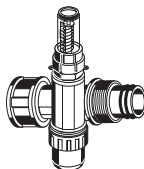
Assembly of delivery regulation accessories		
Codes	Description	Figure
92220	Micrometric holder (½") for manifold balance, with blind locking cap included	
92200	Flow-meter (½") 0.5 ÷ 5 l/min	
Assembly of delivery return accessories		
Codes	Description	Figure
92210	Needle screw (½")	
92150	Electrical head (on/off)	
92155	Electrical head with micro limit switch	
22190	Handwheel	
Automatic drain and vent set assembly		
Codes	Description	Figure
92300	Automatic safety drain and vent set	
Drain set assembly/Vent set assembly (solution 1)		
Codes	Description	Figure
21066	Reducing cap Ø 32 with ½" threading	
92332	Manual vent valve ½" male threading	
93370	Drain valve (with cap incl.) ½" male threaded fitting - ¾" male threaded discharge	
Drain set assembly (solution 2)		
Codes	Description	Figure
20332	Female/Female threaded elbow Ø F½"x16	
93370	Drain valve (with cap incl.) ½" male threaded fitting - ¾" male threaded discharge	
Drain set assembly (solution 2)		
Codes	Description	Figure
92322	Automatic vent valve with ½" Male threading	
92332	Manual vent valve with ½" Male threading	

\*NB: using the PE-X and PE-RT pipes with safety fittings is allowed only with diameters which are the same of the multi-calor pipes. For more information, please, contact the technical department in aquatechnik.

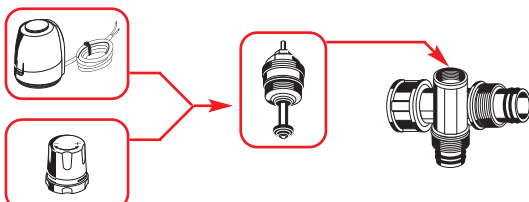


## Multirapid and valurapid manifold body Ø 26

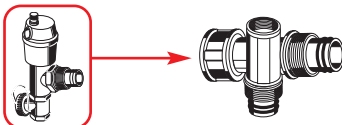
## Assembly of delivery regulation accessories

Codes	Description	Figure
<b>22492</b>	Manifold body in PPSU with flow-meter, white color	
<b>95492</b>	Manifold body in PA-M with flow-meter, black color	

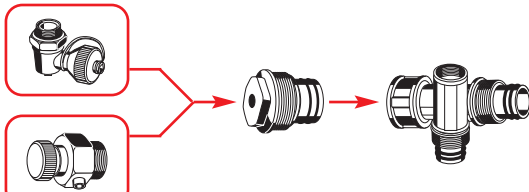
## Assembly of delivery return accessories

Codes	Description	Figure
<b>92208</b>	Needle screw (1/2")	
<b>92150</b>	Electrical head (on/off)	
<b>22190</b>	Handwheel	

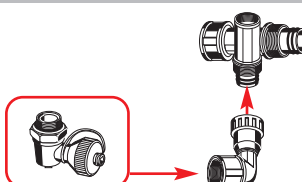
## Automatic drain and vent set assembly

Codes	Description	Figure
<b>92229</b>	Automatic safety drain and vent set	

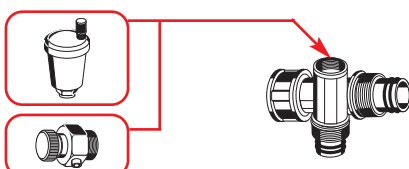
## Drain set assembly/Vent set assembly (solution 1)

Codes	Description	Figure
<b>21064</b>	Reducing cap Ø 26 with 1/2" threading	
<b>92330</b>	Manual vent valve 1/2" male threading	
<b>93370</b>	Drain valve (with cap incl.) 1/2" male threaded fitting - 3/4" male threaded discharge	

## Drain set assembly (solution 2)

Codes	Description	Figure
<b>20332</b>	Female/Female threaded elbow Ø F1/2"x16	
<b>93370</b>	Drain valve (with cap incl.) 1/2" male threaded fitting - 3/4" male threaded discharge	

## Drain set assembly (solution 2)

Codes	Description	Figure
<b>92320</b>	Automatic vent valve with 3/8" Male threading	
<b>92330</b>	Manual vent valve with 3/8" Male threading	



# aquatechnik®

**ADMINISTRATIVE SEAT - PRODUCTION - STOCKHOUSE**

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