



**LUXOR®**



**SERIE CV**

● LUXOR RED LINE

**MODULAR MANIFOLDS  
WITH FRONT VALVES**

  
MADE IN ITALY



## 60 YEARS OF ITALIAN TRADITION

Luxor is an important industrial reality, world wide and European market leader in the production of flexible hoses and components for hydro and thermo-sanitary installations. Luxor has been the expression of the most prestigious made in Italy and the great Italian high technology mechanical workings tradition for fifty years; a quality certified and recognized by the most prestigious International Certification Institutes all over the world.

Our mission is the complete customer satisfaction through a process of continuous technological research in order to make high quality, reliable products, anticipating the market evolutions by innovative partnership with both customers and suppliers. Luxor mission takes

place in its own Research and Development Centre in which new and advanced technologies are constantly analyzed and researched with continuous investments to offer the most innovative and reliable solutions for the international markets at competitive costs, ensuring strict quality controls on each single piece.

Luxor entirely plans and realizes each product, thanks to its decennial know how. The great production strength, a “slender” innovative and advanced industrial organization together with a modern logistic conception, make Luxor able to satisfy every kind of request, even customized, with fast deliveries all over the world.



Luxor is certified  
ISO 9001:2015  
by DEKRA Group  
certification body

### CERTIFICATION



Please contact our offices for information about technical specifications and certified products or visit the website of the corresponding certification body for the latter.

Please refer to [www.nsf.org](http://www.nsf.org) for a complete list of NSF approved products.  
Please refer to [www.iapmort.org](http://www.iapmort.org) for a complete list of UPC/cUPC approved products.

# CV

## MODULAR MANIFOLDS WITH FRONT VALVES



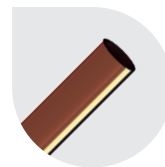
The modular manifolds with front shut-off valves are simply and easily connected to each other. The various utilities are independent from each other thanks to the shut off valves

and can be easily identified using the two silk-screened disks. The CV series manifold allow to adjust and balance each single users. Models with 2 to 4 outlets available.

### TECHNICAL DATA

Max temperature	Max working pressure	Max differential pressure	
120 °C	16 bar	1 bar	
Body materials	Shutter materials	Gaskets material	
CB753S UNI EN 1982:2017	CW614N DW UNI EN 12164:2016	EPDM peroxide	
Stem o-ring material	Knob	Testing	Finishing
NBR	Nylon PA6 RAL 9016	100%	Chrome

### SYSTEM CONNECTIONS



**Copper pipe**  
G 3/4 EK - TR 91/A

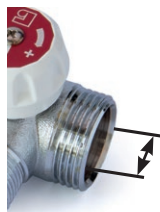


**Plastic pipe**  
G 3/4 EK - TP 98



**Multilayer pipe**  
G 3/4 EK - TP 99

**MAIN BODY CONNECTION**



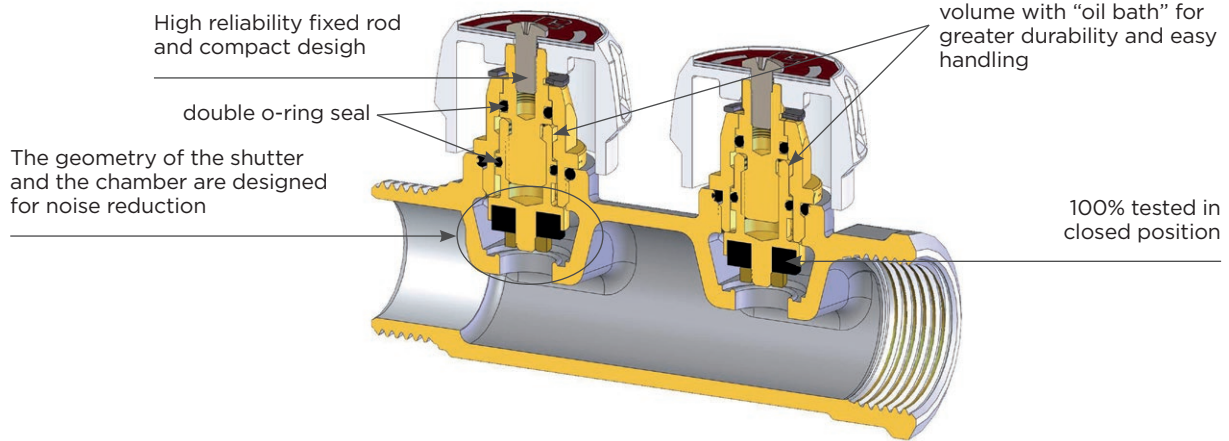
G 3/4  
G 1"

**CENTRE TO CENTRE DISTANCE**



45 mm

The characteristics of the fluid in the system must be compliant with the UNI 8065: 2019 directive.



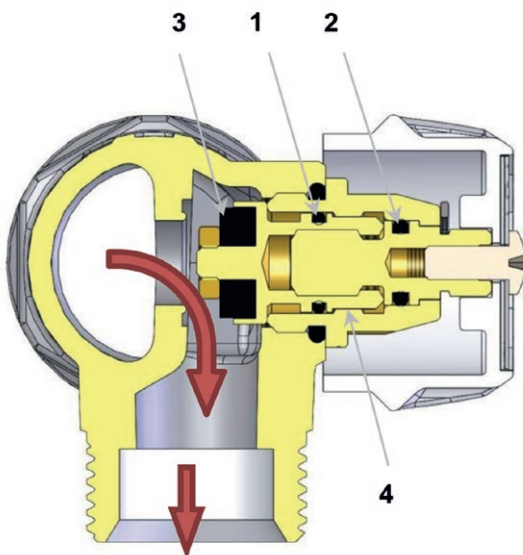
### OPERATING INSTRUCTIONS



It is possible to use the aluminium discs supplied with the manifolds to identify the utilities.

For correct assembly of the utilities disks, choose whether to leave the blue side or the red side of the disc visible. The plate is equipped with a window from which it is possible to read the user being served by the manifold. Place the silk-screened metal disk before the red or blue plate so that the name of the delivery terminal is visible from the window, as shown in the image.

Once the indicator has been positioned, fix the metal plate to the knob with the screw on the knob itself.

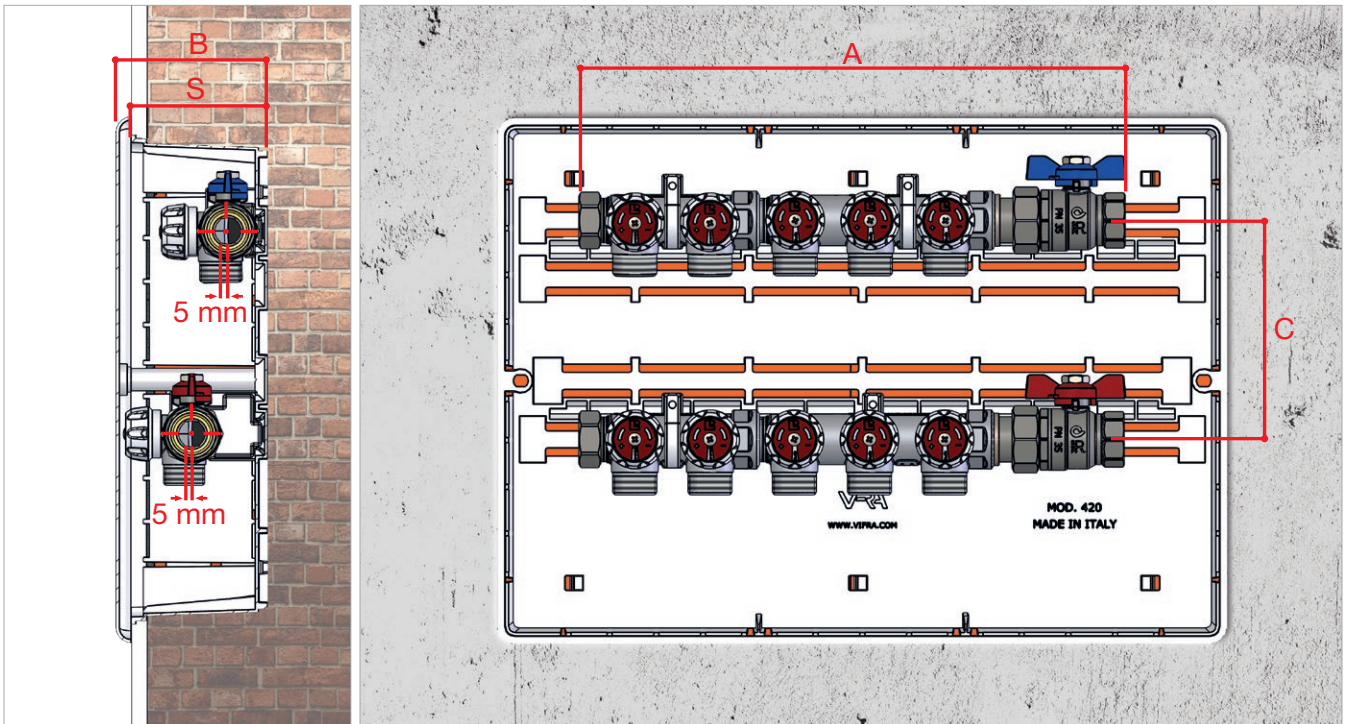


The modular manifold with front shut-off valves must be installed with the inlet water flow as shown in the image on the side.

The manifold headwork is safe and reliable as it has a fixed rod whose seal is guaranteed by two EPDM peroxide o-rings (1-2) while the sealing, when closed with the obturator, is guaranteed by a flat gasket in NBR (3).

A sealed chamber (4) is created inside the valve where lubricating grease is deposited. In this way, the smooth opening and closing movement is guaranteed over time.

The construction of the screw allows the adjustment and balancing of each single user (outlet)



The chart below shows the overall dimensions for the combination of two modular manifolds and a full-flow ball valve.

With these sizes, considering to allow 50 mm free space on the side of the ball valve, it is possible to choose the plastic wall cabinet with the fixing structures and brackets whose external sizes are listed below.

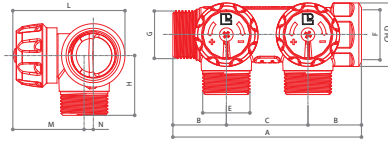
		CF 477						
OUTLETS N°	Ø	A	B	C	S	CABINETS	WALL CABINETS DIMENSIONS	
2	G 3/4	190	100	110	86	68560432	272 x 332 x 86	
3	G 3/4	235	100	110	86	68560432	272 x 332 x 86	
4	G 3/4	280	100	110	86	68560432	272 x 332 x 86	
2 + 3	G 3/4	330	100	110	86	68560440	272 x 412 x 86	
3 + 3	G 3/4	375	100	110	86	68560440	272 x 412 x 86	
3 + 4	G 3/4	420	100	110	86	68560450	272 x 512 x 86	
4 + 4	G 3/4	465	100	110	86	68560450	272 x 512 x 86	

2	G 1"	192	100	110	86	68560432	272 x 332 x 86
3	G 1"	238	100	110	86	68560432	272 x 332 x 86
4	G 1"	283	100	110	86	68560432	272 x 332 x 86
2 + 3	G 1"	337	100	110	86	68560440	272 x 412 x 86
3 + 3	G 1"	382	100	110	86	68560440	272 x 412 x 86
3 + 4	G 1"	427	100	110	86	68560450	272 x 512 x 86
4 + 4	G 1"	472	100	110	86	68560450	272 x 512 x 86

		CF 479					
B	C	S	CABINETS	WALL CABINETS DIMENSIONS			
98	140	88	68560332	290 x 330 x 88			
98	140	88	68560332	290 x 330 x 88			
98	140	88	68560332	290 x 330 x 88			
98	130	88	68560342	310 x 430 x 88			
98	130	88	68560342	310 x 430 x 88			
98	150	88	68560352	330 x 530 x 88			
98	150	88	68560352	330 x 530 x 88			

98	140	88	68560332	290 x 330 x 88		
98	140	88	68560332	290 x 330 x 88		
98	140	88	68560332	290 x 330 x 88		
98	130	88	68560342	310 x 430 x 88		
98	130	88	68560342	310 x 430 x 88		
98	150	88	68560352	330 x 530 x 88		
98	150	88	68560352	330 x 530 x 88		

## MODULAR MANIFOLDS WITH FRONT VALVES: COPPER AND PLASTIC PIPE G3/4 EUROKONUS



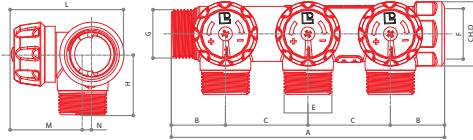
### CV 552

2-way modular manifold with shut-off valves. G3/4 Euroconus male connections.

#### Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L	M	N			
68202802	G 3/4 X G 3/4 EK	104	29,5	45	32	G 3/4 EK	G 3/4	G 3/4	33	61	38,5	5	490	1	45
68203502	G 1" X G 3/4 EK	108	31,5	45	37	G 3/4 EK	G 1"	G 1"	36	63	38,5	5	595	1	45



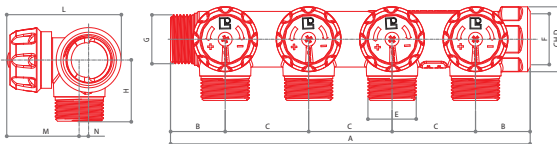
### CV 553

3-way modular manifold with shut-off valves. G3/4 Euroconus male connections.

#### Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L	M	N			
68202803	G 3/4 X G 3/4 EK	149	29,5	45	32	G 3/4 EK	G 3/4	G 3/4	33	61	38,5	5	745	1	34
68203503	G 1" X G 3/4 EK	153	31,5	45	37	G 3/4 EK	G 1"	G 1"	36	63	38,5	5	845	1	34



### CV 554

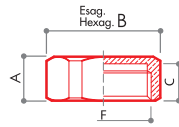
4-way modular manifold with shut-off valves. G3/4 Euroconus male connections.

#### Fittings



CODE	SIZE	A	B	C	D	E	F	G	H	L	M	N			
68202804	G 3/4 X G 3/4 EK	194	29,5	45	32	G 3/4 EK	G 3/4	G 3/4	33	61	38,5	5	910	1	25
68203504	G 1" X G 3/4 EK	198	31,5	45	37	G 3/4 EK	G 1"	G 1"	36	63	38,5	5	1025	1	25

## ACCESSORIES



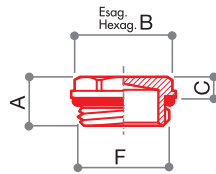
### TC 430

End cap with EPDM flat gasket.



\*In compliance with D.M. 174/2004

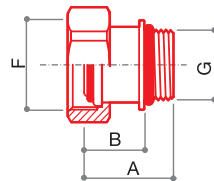
CODE	SIZE	A	B	C	D	E	F	G	H	L			
68502701	G 3/4	13	30	11	-	-	G 3/4	-	-	-	37	100	800
68503401	G 1"	15	37	12	-	-	G 1"	-	-	-	60	50	400



### TC 460

End cap with o-ring.

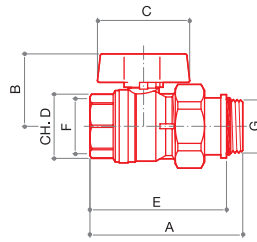
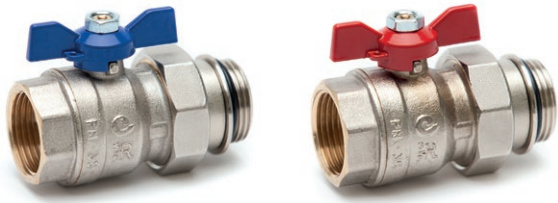
CODE	SIZE	FINITURA	A	B	C	D	E	F	G	H	L			
68559927N	G 3/4	NICHELATA	14	25	7	-	-	G 3/4	-	-	-	32	100	800
68559934N	G 1"	NICHELATA	19	27	9	-	-	G 1"	-	-	-	52	50	400



### CR 498

Nickel plated brass nut and fitting with o-ring to connect valves to distribution manifolds.

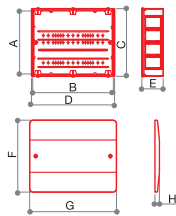
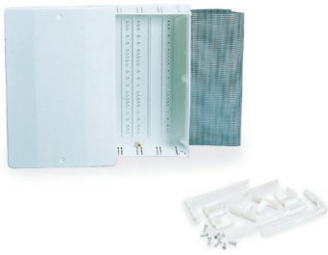
CODE	SIZE	A	B	C	D	E	F	G	H	L			
67902700	DN 20 3/4	33	23	-	-	-	G 1"	G 3/4	-	-	120	20	160
67903400	DN 25 1"	36	25	-	-	-	G 1 1/4	G 1"	-	-	220	15	120



### VC 471

Nickel plated full-flow ball valve, blue or red handle, with fitting article CR 498 with o-ring for connection to manifold.

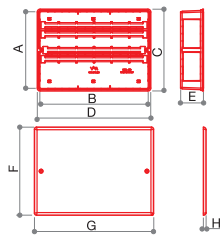
CODE	SIZE	A	B	C	D	E	F	G	H	L			
68559805B	G 3/4	90	39	60	33	80	G 3/4	G 3/4	-	-	370	10	80
68559805R	G 3/4	90	39	60	33	80	G 3/4	G 3/4	-	-	370	10	80
68559807B	G 1"	89	43	60	41	78	G 1"	G 1"	-	-	467	5	40
68559807R	G 1"	89	43	60	41	78	G 1"	G 1"	-	-	467	5	40



### CF 477

Modular universal plastic cabinet with bottom, complete with bearings to fix modular simple, coplanar manifolds and distribution manifolds.

CODE	SIZE	A	B	C	D	E	F	G	H	L			
68560432	272 x 332 x 86	260	320	272	332	86	290	350	18	-	1000	1	20
68560440	272 x 412 x 86	260	400	272	412	86	290	430	18	-	1250	1	20
68560450	272 x 512 x 86	260	500	272	512	86	290	530	18	-	1500	1	20
68560460	272 x 612 x 86	260	600	272	612	86	290	630	18	-	1750	1	20



### CF 479

Replacement accessories for fixing the manifolds inside the cabinet CF 479.

CODE	SIZE	A	B	C	D	E	F	G	H	L			
68560332	290 x 330 x 88	280	320	290	330	88	320	360	10	-	930	1	5
68560342	310 x 430 x 88	300	420	310	430	88	340	460	10	-	1175	1	5
68560352	330 x 530 x 88	320	520	330	530	88	360	560	10	-	1425	1	5
68560362	330 x 625 x 88	320	615	330	625	88	360	660	10	-	1715	1	5



## FITTINGS FOR COPPER, PLASTIC AND MULTILAYERS PIPE



### TR 91/A

Soft compression fitting with EPDM ogive - for copper pipe - thread G3/4 **eurokonus**.

CODE	SIZE			
67761000	10 mm	54	40	320
67761200	12 mm	52	40	320
67761400	14 mm	50	40	320
67761500	15 mm	50	40	320
67761600	16 mm	48	40	320

thread G3/4 eurokonus



67761800	18 mm	46	40	320
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### TP 98

Compression fitting for polyethylene, polybutilene and polypropylene pipe, thread G3/4 **eurokonus**.

CODE	SIZE			
67841007	10 x 1,2	76	40	320
67841209	12 x 1,5	76	40	320
67841208	12 x 2	76	40	320
67841410	14 x 2	70	40	320
67841510	15 x 2,5	70	40	320
67841613	16 x 1,5	60	40	320
67841618	16 x 1,8	60	40	320
67841612	16 x 2	60	40	320
67841616	16 x 2,2	68	40	320
67841713	17 x 2	58	40	320
67841814	18 x 2	68	40	320
67842016	20 x 2	57	40	320
67842028	20 x 2,8	64	40	320
67842034	20 x 3,4	60	40	320

thread G3/4 eurokonus



### TP 99

Compression fitting for polyethylene multilayer pipe PEX-AL-PEX, thread G3/4 **eurokonus**.

CODE	SIZE			
67861210	12,2 x 1,3	74	40	320
67861410	14 x 2	78	40	320
67861512	15 x 1,5	63	40	320
67861612	16 x 2	74	40	320
67861611	16 x 2,25	74	40	320
67861610	16,2 x 3	74	40	320
67861713	17 x 2	74	40	320
67861712	17 x 2,5	74	40	320
67861711	17 x 2,75	70	40	320
67861814	18 x 2	74	40	320
67862016	20 x 2	78	40	320
67862017	20 x 2,25	76	40	320
67862015	20 x 2,5	74	40	320
67862014	20 x 3	72	40	320

thread G3/4 eurokonus

## REPLACEMENTS



### IU 438

Couple of red/blue aluminium discs and indication of utilities for sanitary manifolds for CV series.

CODE	SIZE			
6801617	-	1	-	-



### 573

ABS manual adjustment knob for CV series manifolds, white coloured (RAL 9016).

CODE	SIZE			
4761632	-	7	-	-

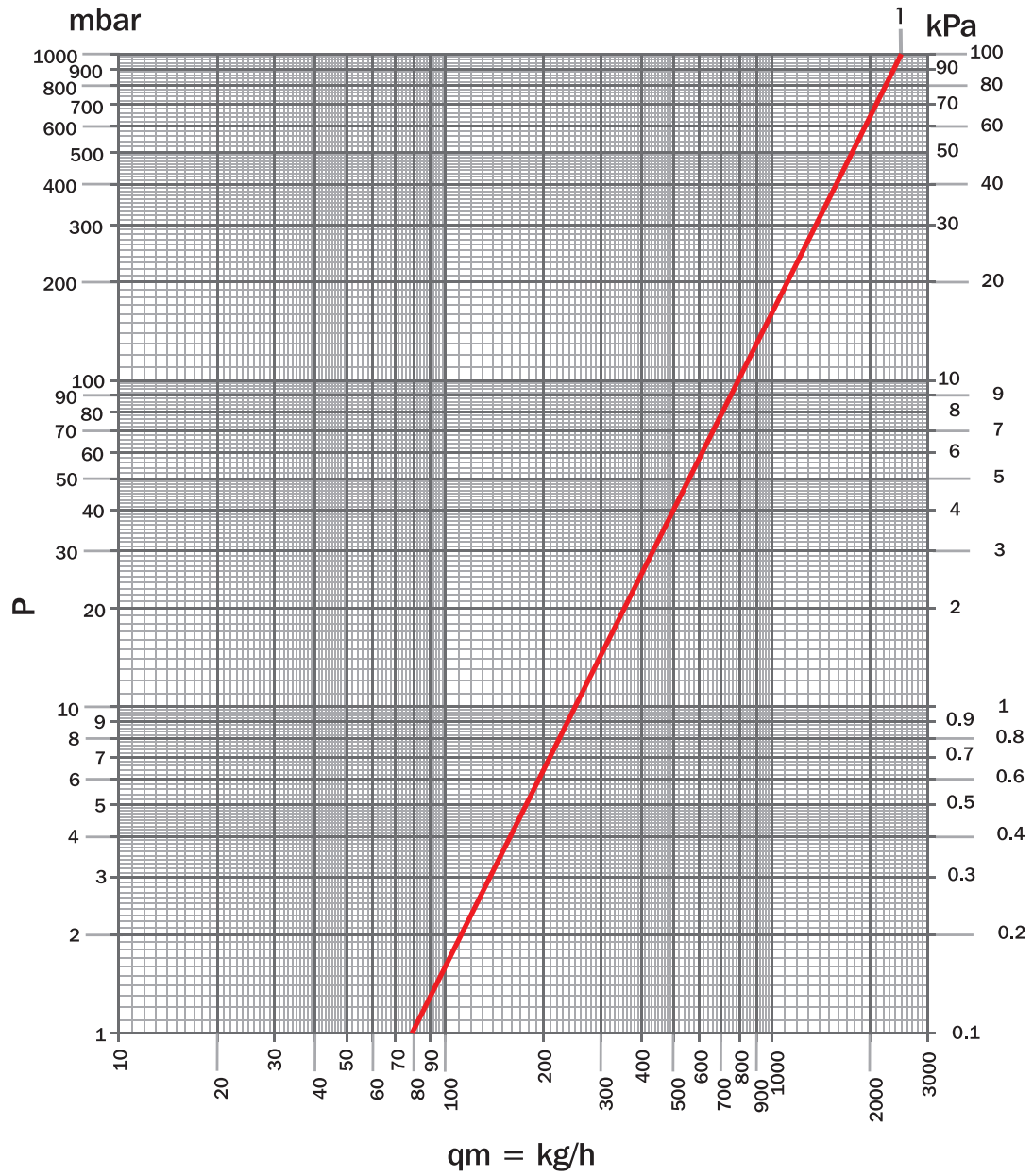


### 580

Brass screw for manual adjustment knob for Tekna valves.

CODE	SIZE			
9346615	-	1	-	-

## MANIFOLDS FLOW RATE CHART



ITEM	SIZE	TURNS N°	Kvs	POS
CV 552 CV 553 CV 554	G 3/4	all open	2,5	1
	G 1"			



**LUXOR SPA**

**LEGAL OFFICE:** Via Zanardelli, 88 - 25013 Carpenedolo (BS) Italy

**ADMINISTRATIVE OFFICE, FACTORY AND COMMERCIAL OFFICE:**

Via Madonnina, 94 - 25018 Montichiari (BS) Italy

Tel. +39 030 9961161 - Fax +39 030 9961165 - info@luxor.it

**[www.luxor.it](http://www.luxor.it)**