

Pipe fittings, valves and actuators HakaFAR® Flexible Piping

SAV Systems Product Catalogue

About SAV Systems

SAV has been operating in the UK since 1988.

SAV Systems is a leading provider of innovative building services solutions designed to boost energy efficiency and cut carbon emissions.

Products vary from sophisticated mini-CHP systems to simple water meters, but all are purpose-developed to serve a better internal environment and a greener world.

Used as individual products, or integrated into custom-designed systems, the SAV range makes a perfect partner for low energy technologies from renewables to central plant and even district heating systems.

It's a full family of choice sourced from some of the world's leading specialist companies - our Partners in Technology. Product groups cover the full spectrum of modern building services.

www.sav-systems.com



Heat recovery ventilation systems (HRVS)

LoadTracker combined heat and power (CHP)

Solar thermal DHW and heating systems

FlatStation HIUs & Energy meters

HVAC Commissioning Modules

Pipe fittings, valves and actuators

Gas heat pumps (GHP)

UK CUSTOMER SUPPORT CENTRE

SAV Systems, Scandia House, Boundary Road, Woking, Surrey GU21 5BX
Telephone: +44 (0)1483 771910 EMAIL: info@sav-systems.com

GENERAL INFORMATION: Office Hours: 9.00am - 5.00pm Monday to Friday.

HakaFAR® Flexible Piping

	Page
HakaFAR® Flexible Pipe Systems	6
Alupex	9
Armaflex Tuffcoat	10
Tools	11
Fittings (PressFar)	13
Male-Female Simple Manifolds	21
Multifar Manifolds	23
Start Manifolds	25
Underfloor Heating Manifolds	26
Pressure Reducing Valves	31
Strainers	33
Fittings (MFA/MFC Fittings)	34
Isolation Valves	41
Radiator Valves	42

FAR

Far Rubinetterie S.p.A. was established in 1974 by the brothers Alberto and Guerrino Allesina and Nicola Rovaletti. Thirty years of activity in the plumbing, heating and sanitation fields has seen the company achieve great success both in Italy and abroad.

By utilising the latest high tech machinery under strict quality control procedures Far is able to optimize the production process, creating a wide range of top quality products at competitive prices.

Our highly skilled technical team of qualified designers is permanently dedicated to product design and development enabling us to keep pace with changing market demands. Every item is tested and proven in our own laboratory.

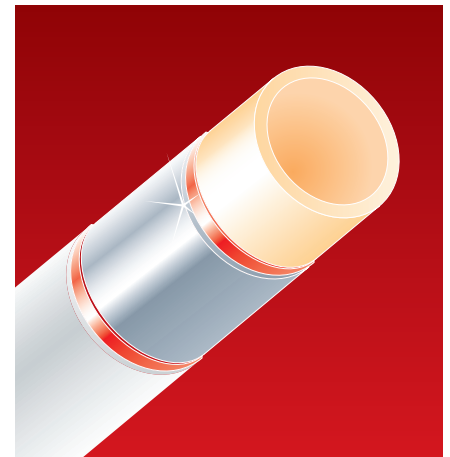
Far, determined as ever to offer the best and most reliable customer service, has recently reaffirmed its dedication to quality by achieving UNI EN ISO 9001:2008 certification.

The spreading range of our clients and our growing reputation are the real evidence of our success on a world-wide level.

Overview

Plastic piping systems are a sustainable and environmentally responsible choice that will serve generations to come. They are energy efficient during manufacturing and provide peak protection from contamination during service. Strong, durable, light-weight and flexible, these piping systems require significantly less energy to fabricate, transport and install than metal or concrete alternatives.

With superior resistance to corrosion and abrasion, plastic piping systems also supply long service life, excellent joint performance and offer leak free protection-all adding up to exceptional value.



System Benefits

- Easy to lay, laid from the reel for the smaller dimensions, soft as a plastic pipe, no restoring forces
- 10 years full guarantee
- High toughness
- Good flexibility and long-term stability
- Absolutely gastight against oxygen and steam
- Jump-welded aluminium pipe 0.4 – 0.5 mm
- No damaging of the gas barrier possible, resists rough handling on building sites
- Maximum service life
- Pipe tolerances as per DIN 4726



Installation



Simple multi-layer pipe installation



Multi-layer pipe supplied in up to 200 metre coils



Joint-less continuous pipe runs from FloCon module to fan coil

Partners in Technology

As leading manufacturer in the field of plastic extrusion we are offering our customers best possible solutions in excellent quality. Our innovation power, proven flexibility and the widely supported know-how and experience of our specialists make us a strong and dependable partner.

www.hakagerodur.ch

HAKA.GERODUR
Innovati in Plasti

FAR Rubinetterie S.p.A. has a proud 30 year history in the design and manufacture of components for heating, plumbing and sanitary systems.

www.far.eu

FAR

HAKATHEN®

The complete HAKA.GERODUR range is backed by decades of experience in plastics processing. This vast pool of knowledge is available to our customers for the benefit.

Material for the inner pipe

We manufacture two variants of the inner pipe. The first variant uses PE-X to DIN 16 892 as the basic material - in this case it is a specially stabilised PE-HD with a high molecular weight. Once the pipe has been produced, the second step is to cross-link it, i.e. to build up the physical lattice structure by means of energy-rich radiation from an electron accelerator. The second variant uses a special PE-RT for the inner pipe with increased temperature resistance to DIN 16 833. This is an ethylene-octene-copolymer; the molecular structure features a linear main chain (ethylene) and octene side chains to produce a very tough material with excellent flexibility and long-term strength.

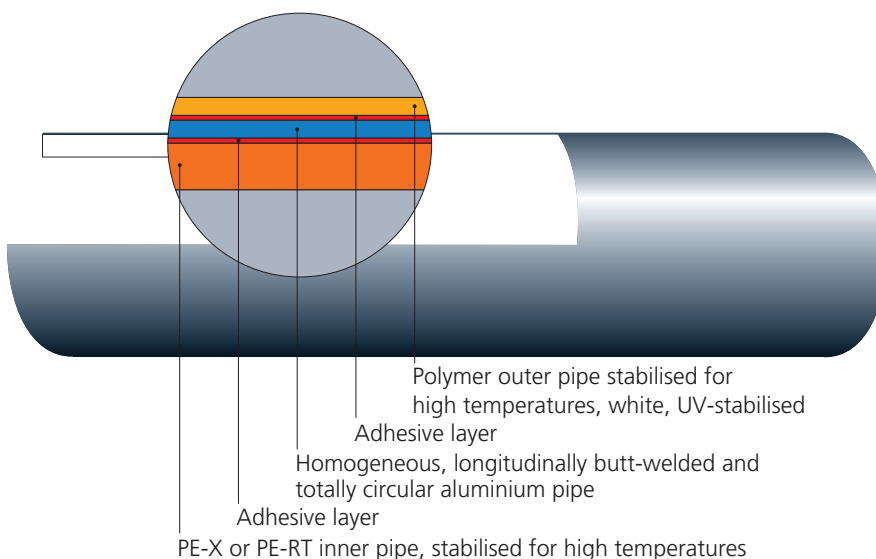
Benefits

- totally gas-tight against oxygen and water vapour
- butt-welded aluminium pipe, 0.4 – 0.5 mm
- covered by extensive warranties

Application

HAKATHEN® is a composite plastic and metal pipe for multipurpose applications in the building services field. It can withstand maximum operating temperatures of 95° C (110° C for short periods) and a maximum operating pressure of 12 bar.

- roll packaging as standard, in cardboard boxes on pallets covered with stretch film
- bar packaging in cardboard half-shells



Technical data

Pipe dimensions and weights						Packaging unit – bars	Pipe water content
Outer diameter [mm]	Roll length [m]	Roll weight [kg]	Bar weight [kg]	Weight [g/m]	Roll weight [kg]	[pcs]	[l/m]
14 x 2.0	200	–	–	111	22.20	–	0.075
16 x 2.0	200	5	0.65	129	25.80	24 x 5 m	0.113
18 x 2.0	200	5	0.76	152	30.40	24 x 5 m	0.154
20 x 2.0	100	5	0.88	175	17.50	24 x 5 m	0.201
20 x 2.5	100	5	1.01	202	20.20	24 x 5 m	0.172
26 x 3.0	50	5	1.48	296	14.80	24 x 5 m	0.307
32 x 3.0	50	5	1.83	365	–	10 x 5 m	0.523
40 x 3.5	–	5	2.55	510	–	10 x 5 m	0.845

Thermal and mechanical data

Coefficient of linear expansion	2,3 x 10 ⁻⁶ [K ⁻¹]
Maximum operating temperature	95° C
Short-term load capacity	110° C
Maximum operating pressure	12 bar
Inner surface roughness (Prandtl-Colebrook method)	ε = 0.007 mm

Thermal resistance and thermal conductivity

Dimension [mm]	Thermal resistance [m ² K/W]	Thermal conductivity [W/mK]
14 x 2.0	0.0041	0.49 – 0.50
16 x 2.0	0.0041	0.49 – 0.50
18 x 2.0	0.0041	0.49 – 0.50
20 x 2.0	0.0041	0.49 – 0.50
20 x 2.5	0.0051	0.49
26 x 3.0	0.0063	0.48
32 x 3.0	0.0063	0.48
40 x 3.5	0.0076	0.46

Bending radius

Outer Ø, wall thickness [mm]	with bending aid	without bending aid
14 x 2.0 – 20 x 2.5	2 d	5 d
26 x 3.0	5 d	–
32 x 3.0	5 d	–
40 x 3.5	5 d	–

d = average outer diameter in mm

HAKA.GERODUR quality

We believe that quality assurance is vital, so monitoring is carried out at regular intervals both ourselves and by specialists of external organisations. We perform the following inspections at our own works on a continuous basis:

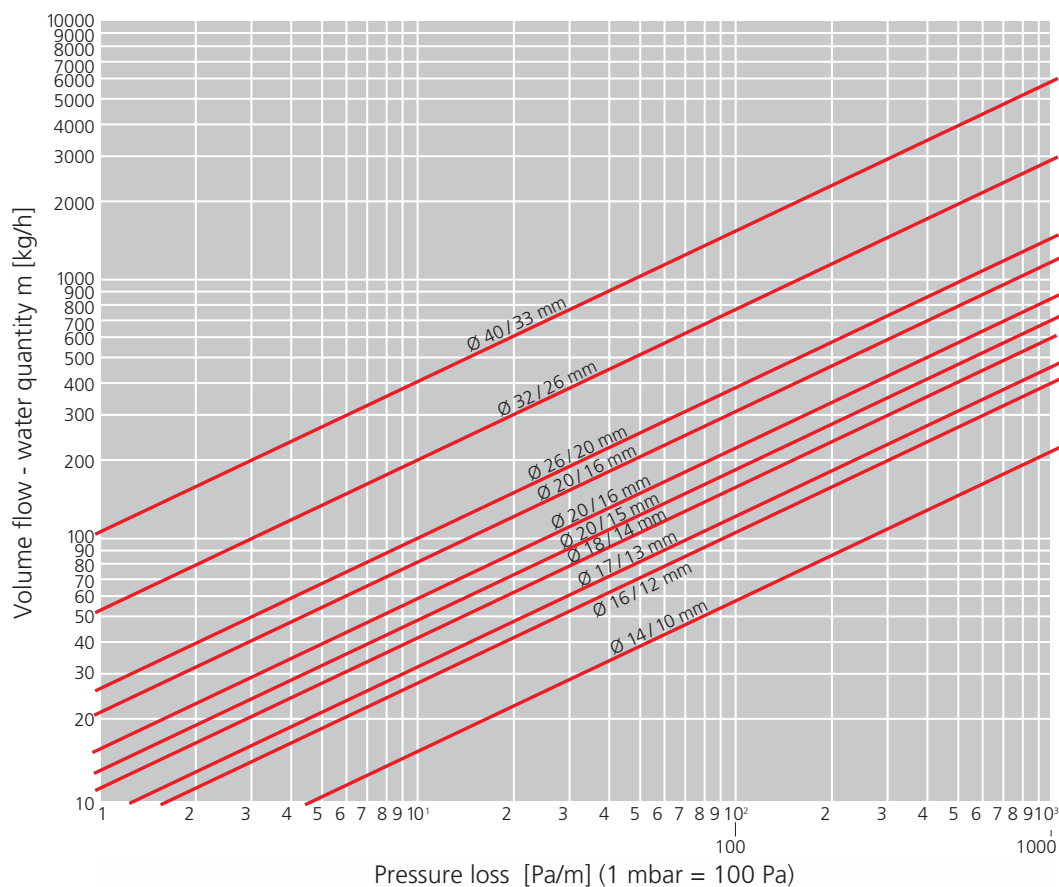
- inspection of incoming raw materials:
 - melt-flow index
 - dry loss
- automatic online tests:
 - surface inspection of the pipe
 - inspection of the weld seam
- dimensional checks:
 - external Ø, inner Ø and wall thickness
- check on the degree of cross-linkage in the inner liner to DIN 16 892
- internal pressure tests for creep (conclusions regarding life expectancy)
- 100% testing of finished pipe rolls at high pressure
- followed by pilot verification of the inner diameter
- composite adhesion test

In addition to our own monitoring tests, samples of HAKATHEN® production are regularly inspected by the South German Plastics Centre at Würzburg (SKZ).

HAKA.GERODUR is also an active member of the following trade associations:

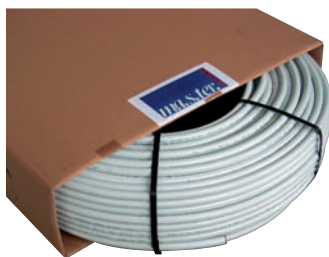
- SFF, Swiss Surface Heating and Cooling Association
- BVF, Federal Surface Heating Association (Germany)
- eu-ray, European Association for Surface Heating and Cooling

Pressure loss from HAKATHEN® heating pipes



HAKATHEN FLEXIBLE COMPOSITE PIPE - 0.40MM ALUMINIUM

HAKATHEN® is a composite plastic and metal pipe for multipurpose applications in the building services field. It can withstand maximum operating temperatures of 95° C (110° C for short periods) and a maximum operating pressure of 12 bar.



CODE	MEASUREMENTS	LENGTH	PRICE
H14-200	14x2	200 m	See List
H16-200	16x2	200 m	See List
H20-100	20x2	100 m	See List
H26L-50	26x3	50 m	See List
H32-50	32x3	50 m	See List
H40-5	40x3.5	25 m	See List

HAKATHEN FLEXIBLE COMPOSITE PIPE - 0.25MM ALUMINIUM



CODE	MEASUREMENTS	LENGTH	PRICE
H12L-200	12x1.8	200 m	See List
H14L-200	14x2	200 m	See List
H16L-200	16x2	200 m	See List
H20L-200	20x2	200 m	See List

HAKATHEN ARMAFLEX TUFFCOAT

Armaflex Tuffcoat is a flexible, closed cell, elastomeric nitrile rubber insulation with a polymeric coating. With its enhanced surface protection, Armaflex Tuffcoat can even be used on underground pipework - including mains cold water and ground source heat pump pipes.



CODE	MEASUREMENTS	LENGTH	PRICE
M16INSTC-200	16x2	50 m	See List
M20INSTC-200	20x2	50 m	See List
M16INSTC-50	26x3	50 m	See List








Armaflex Tuffcoat is a flexible, closed cell, elastomeric nitrile rubber insulation with a polymeric coating. Based on the excellent technical values of Class O Armaflex it is the perfect solution wherever protection against mechanical impact is required.

With its enhanced surface protection, Armaflex Tuffcoat can even be used on underground pipework - including mains cold water and ground source heat pump pipes.

Armaflex Tuffcoat is available in tubes and coils with a black cover.

- ▶ Wash down-waterproof and easy to clean
Suitable for areas which require frequent wash down
- ▶ Resists damage from mechanical impact
- ▶ Built in vapour barrier prevents condensation
- ▶ Semi gloss finish - requires no additional painting
- ▶ Flexible and Lightweight
- ▶ Compatible with mains cold water pipes for prevention of freezing



Technical Data			   
	Values	Remarks	
Material	Foamed Nitrile Rubber with Polymeric Covering		
Max. Surface Temperature	+80° C	For temperatures below -10° C and above +80° C, please consult our Technical Department. Tel. +44 (0)161 287 7038 · Fax +44 (0)161 633 2685	
Min. Surface Temperature	-10° C		
Thermal Conductivity at 0° C	0.034 W/(m · K)		
Thermal Conductivity at +20° C	0.036 W/(m · K)	Test acc. to EN ISO 8497	
Thermal Conductivity at +40° C	0.038 W/(m · K)		
Water Vapour Permeability	Moisture Resistance Factor μ 7,000 BS EN ISO 9346:1996 $2.79 \cdot 10^{(-14)}$ kg/(m s Pa)		
Water Absorption	0.2% by volume	Test acc. ASTM C 209	
Surface Spread of Flames (Insulation)	Class 1	Surface Spread of Flame acc. BS 476 Part 7: 1997 Fire Propagation acc. BS 476 Part 6: 1989	
Fire Propagation (Insulation)	Total Index Performance (I) ≤ 12 Sub Index (i_1) ≤ 6	Test results for Surface Spread of Flames and Fire Propagation meets <ul style="list-style-type: none"> • Building Regulations 2000 (England and Wales) • Building Standards (Scotland) Regulations 1990 • Building Regulations 2000 (Northern Ireland) • Building Regulations 1997 (Republic of Ireland) for the Class O fire category	
Noise Reduction	Sound Absorption Coefficient ISO 354:2003 up to 0.8	Also suitable for use in the prevention of sound passage	
Resistance to	Building Materials Very Good Chemicals Consult Product Test List		
Environmental Aspects	ODP zero, GWP zero	  	
Health Aspects	Dust & Fibre Free		

For **Outdoor applications** NO additional coating is necessary.

INTERNAL BENDING SPRING



CODE	MEASUREMENTS	DIAMETER	PRICE
HISP-16	16		See List
HISP-20	20		See List
HISP-26	26		See List

EXTERNAL BENDING SPRING



CODE	MEASUREMENTS	DIAMETER	PRICE
HESP-16	14		See List
HESP-20	20		See List
HESP-26	26		See List

PIPE BENDER



CODE	PIPE	PRICE
H-BND 300	14-26mm	See List

PIPE STRAIGHTENER



CODE	PIPE	PRICE
H-STR 200	16-32mm	See List

PIPE CUTTERS



CODE	PIPE MM	PRICE
H-CUT 100	0-26mm	See List
H-CUT 200	0-42mm	See List

PRESSFIT TOOL



CODE	MEASUREMENTS	DIAMETER	PRICE
M5010001			See List
• Battery (Rechargeable)	M5010002	12V	See List
• Extra Capacity Battery	M5010003		See List

PRESSFIT JAWS



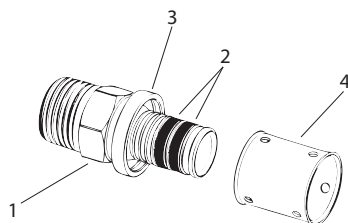
CODE	MEASUREMENTS	DIAMETER	PRICE
5012140	14		See List
5012160	16		See List
5012180	18		See List
5012200	20		See List
5012260	26		See List
5012320	32		See List
5012400	40		See List

CALIBRATION TOOLS



CODE	PIPE MM	PRICE
H9005 1426	14-16-18-20-25-26	See List
H9005 3263	32-40-50-63	See List
H9005 1463	14-16-18-20-25-26-32-40-50-63	See List

Patented press fitting system for multilayer pipes, designed and manufactured by FAR Rubinetterie S.p.A.



PRESSFAR comprises:

- 1 - Fitting body
- 2 - Double seal ring with rectangular section
- 3 - Plastic ring
- 4 - Reversible steel bush

ATTENTION: prior to installation please check that the multilayer pipe being used is the same size as that indicated on the fitting.



Cut the pipe perpendicular to its axis with suitable shears.



Calibrate the pipe to make position of the fitting easier.



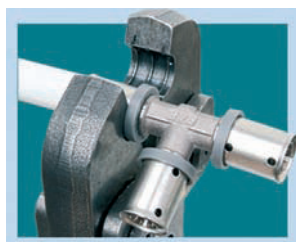
Insert the fitting, checking the position of the pipe through the holes in the bush.



Press the fitting.

ATTENTION: Do NOT use grease to oil the fitting!

The PRESSFAR fitting has been designed for pressing with three different profiles:



H PROFILE JAW



TH PROFILE JAW



U PROFILE JAW

The jaws must be positioned as follows: on the TH jaw the plastic ring, which supports the steel bush, has to be placed in the matching seat, while the H and U jaws have to be placed on the steel bush, so that one side of the jaw is adjacent to the plastic ring.

FAR guarantees perfect compatibility between all fittings in the range and the three types of press profiles.

PRESSFAR fitting can be pressed with electrical press machines, or battery-powered pressing tools with jaws or inserts with TH, U, H profiles. The press machine must be in appropriate condition, i.e. in full working order and checked against the manufacturer's specification as being capable of the right type of pressing. PRESSFAR fittings are suitable for use in heating and domestic systems.

To make easier the identification of press fitting sizes, the ring colour has been differentiated:

GREY RING	14x2 - 16x2 - 18x2 - 20x2 - 26x3 - 32x3 - 40x4 - 50x4
WHITE RING	16x2,25 - 20x2,25
GREEN RING	20x2,5 - 25x2,5 - 40x3,5 - 50x4,5 - 63x4,5

TECHNICAL FEATURES

Body of press fittings:	brass CW617N
Body of bar fittings:	brass CW617N
O'ring:	EPDM70P
Ring:	PPR
Bush:	steel AISI304
Surface treatment of fittings:	T.E.A.®
Nominal pressure:	16 bar
Max working temperature:	95°C
Compatible media:	water (with and without glycol) and air

N.B: the maximum temperature and pressure depend on pipe characteristics

FAR 5900



CODE	MEASUREMENTS	DIAMETER	PRICE
F5900-1401	1/2"	14x2	See List
F5900-1601	1/2"	16x2	See List
F5900-2001	1/2"	20x2	See List
F5900-2002	3/4"	20x2	See List
F5900-2601	3/4"	26x3	See List
F5900-2602	1"	26x3	See List
F5900-3201	1"	32x3	See List
F5900-3202	1 1/4"	32x3	See List
F5900-4001	1"	40x3.5	See List
F5900-4002	1 1/4"	40x3.5	See List
*F2010-500	1 1/4"	50x4	See List
*F2010-501	1 1/2"	50x4	See List
*F2010-630	2"	63x4.5	See List

FAR 5901



CODE	MEASUREMENTS	DIAMETER	PRICE
F5901-1401	1/2"	14x2	See List
F5901-1601	1/2"	16x2	See List
F5901-2001	1/2"	20x2	See List
F5901-2002	3/4"	20x2	See List
F5901-2601	3/4"	26x3	See List
F5901-2602	1"	26x3	See List
F5901-3201	1"	32x3	See List
F5901-3202	1 1/4"	32x3	See List
F5901-4001	1"	40x3.5	See List
F5901-4002	1 1/4"	40x3.5	See List
*F2011-500	1 1/4"	50x4	See List
*F2011-501	1 1/2"	50x4	See List
*F2011-630	2"	63x4.5	See List

FAR 5902



CODE	MEASUREMENTS	DIAMETER	PRICE £
F5902-1401		14x2	See List
F5902-1601		16x2	See List
F5902-2001		20x2	See List
F5902-2601		26x3	See List
F5902-3201		32x3	See List
F5902-4001		40x3.5	See List
*F2012-500		50x4	See List
*F2012-630		63x4.5	See List

FAR 5903



CODE	MEASUREMENTS	DIAMETER	PRICE £
F5903-2001	20x2	16x2	See List
F5903-2601	26x3	16x2	See List
F5903-2603	26x3	20x2	See List
*F2013-320	32x3	16x2	See List
*F2013-322	32x2	20x2	See List
*F2013-324	32x3	26x3	See List
*F2013-400	40x3.5	26x3	See List
*F2013-401	40x3.5	32x3	See List
*F2013-501	50x4	32x3	See List
*F2013-502	50x4	40x3.5	See List
*F2013-631	63x4.5	32x3	See List
*F2013-632	63x4.5	40x3.5	See List
*F2013-633	63x4.5	50x4	See List

FAR 5904



CODE	MEASUREMENTS	DIAMETER	PRICE £
F5904-1601	1/2"	16x2	See List
F5904-2001	1/2"	20x2	See List
F5904-2002	3/4"	20x2	See List
F5904-2601	3/4"	26x3	See List
F5904-2602	1"	26x3	See List
F5904-3201	1"	32x3	See List
F5904-3202	1" 1/4"	32x3	See List
F5904-4001	1" 1/4"	40x3.5	See List
*F2016-501	1" 1/2"	50x4	See List



FAR 5905

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5905-1601	1/2"	16x2	See List
F5905-2001	1/2"	20x2	See List
F5905-2002	3/4"	20x2	See List
F5905-2601	3/4"	26x3	See List
F5905-2602	1"	26x3	See List
F5905-3201	1"	32x3	See List
F5905-3202	1" 1/4"	32x3	See List
F5905-4001	1" 1/4"	40x3.5	See List
*F2015-501	1" 1/2"	50x4	See List



FAR 5906

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5906-1401		14x2	See List
F5906-1601		16x2	See List
F5906-2001		20x2	See List
F5906-2601		26x3	See List
F5906-3201		32x3	See List
F5906-4001		40x3.5	See List
*F2012-500		50x4	See List
*F2012-630		63x4.5	See List



FAR 5907

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5907-2501		25x2.5	See List
F5907-2601		26x3	See List
F5907-3201		32x3	See List
F5907-4001		40x3.5	See List
F5907-4002		40x4	See List
F5907-5001		50x4	See List
F5907-5002		50x4.5	See List
F5907-6301		63x4.5	See List



FAR 5908

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5908-1401		14x2	See List
F5908-1601		16x2	See List
F5908-2001		20x2	See List
F5908-2601		26x3	See List
F5908-3201		32x3	See List
F5908-4001		40x3,5	See List
*F2017-500		50x4	See List
*F2017-630		63x4.5	See List



FAR 5909

CODE	DIAM A	DIAM B	DIAM C	PRICE £
AL CENTRO				
F5909-2001	20x2	16x2	20x2	See List
F5909-2601	26x3	16x2	26x3	See List
F5909-2603	26x3	20x2	26x3	See List
F5909-3201	32x3	16x2	32x3	See List
F5909-4001	40x3.5	32x3	40x3.5	See List
*F2018-400	40x3.5	26x3	40x3.5	See List
*F2018-500	50x4	26x3	50x4	See List
*F2018-501	50x4	32x3	50x4	See List
*F2018-502	50x4	40x3.5	50x4	See List



FAR 5910

CODE	DIAM A	DIAM B	DIAM C	PRICE £
F5910-1601	16x2	20x2	16x2	See List
F5910-2001	20x2	26x3	20x2	See List
F5910-3201	32x3	40x3.5	32x3	See List



FAR 5911

CODE	DIAM A	DIAM B	DIAM C	PRICE £
F5911-2001	20x2	16x2	16x2	See List
F5911-2003	20x2	20x2	16x2	See List
F5911-2601	26x3	20x2	20x2	See List
F5911-2603	26x3	26x3	20x2	See List
F5911-3202	32x3	26x3	26x3	See List
F5911-4001	40x3.5	32x3	32x3	See List
*F2019-402	40x3.5	40x3.5	26x3	See List
*F2019-500	50x4	40x3.5	40x3.5	See List



FAR 5912

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5912-1601	1/2"	16x2	See List
F5912-2001	1/2"	20x2	See List
F5912-2002	3/4"	20x2	See List
F5912-2601	3/4"	26x3	See List
F5912-2602	1"	26x3	See List
F5912-3201	1"	32x3	See List
F5912-3202	1" 1/4"	32x3	See List
F5912-4001	1" 1/4"	40x3.5	See List
*F2021-501	1" 1/2"	50x4	See List



FAR 5913

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5913-1601	1/2"	16x2	See List
F5913-2001	1/2"	20x2	See List
F5913-2002	3/4"	20x2	See List
F5913-2601	3/4"	26x3	See List
F5913-2602	1"	26x3	See List
F5913-3201	1"	32x3	See List
F5913-3202	1" 1/4"	32x3	See List
F5913-4001	1" 1/4"	40x3.5	See List
*F2022-501	1" 1/2"	50x4	See List



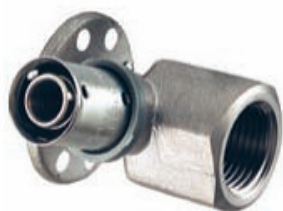
FAR 5914

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5914-1601	1/2"	16x2	See List
F5914-2001	1/2"	20x2	See List
F5914-2002	3/4"	20x2	See List
F5914-2601	3/4"	26x3	See List



FAR 5916

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5916-1601	1/2"	16x2	See List
F5916-2001	1/2"	20x2	See List



FAR 5917

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5917-1601	1/2"	16x2	See List
F5917-2001	1/2"	20x2	See List



FAR 5915

Pressfar - MFA Connection

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5915-1601	24 x 19	16x2	See List
F5915-2001	24 x 19	20x2	See List



FAR 5918

Pressfar - MFB Connection

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5918-2001	33 x 1.5	20x2	See List
F5918-2601	33 x 1.5	26x3	See List



FAR 5919

Pressfar - Flat face

CODE	MEASUREMENTS	DIAMETER	PRICE £
F5919-1601	1/2"	16x2	See List
F5919-1602	1/2"	16x2.25	See List
F5919-1603	3/4"	16x2	See List
F5919-1604	3/4"	16x2.25	See List
F5919-2001	1/2"	20x2	See List
F5919-2002	1/2"	20x2.25	See List
F5919-2003	1/2"	20x2.5	See List
F5919-2004	3/4"	20x2	See List
F5919-2005	3/4"	20x2.25	See List
F5919-2006	3/4"	20x2.5	See List
F5919-2501	1"	25x2.25	See List
F5919-2601	1"	26x3	See List



FAR 5920

CODE	MEASUREMENTS	PRICE £
F5920-140124	14 x 2	See List
F5920-160124	16 x 2	See List
F5920-200124	20 x 2	
F5920-140109	14 x 2	
F5920-160109	16 x 2	
F5920-200109	20 x 2	



FAR 5921

CODE	MEASUREMENTS	PRICE £
F5921-140125	14 x 2	See List
F5921-160125	16 x 2	See List
F5921-200125	20 x 2	



FAR 5922

Pressfar - Flat face

CODE	MEASUREMENTS	PRICE £
F5922-1601	16 x 2	See List
F5922-1602	16 x 2	See List
F5922-2001	20 x 2	
F5922-2002	20 x 2	
F5922-2003	20 x 2.5	
F5922-2501	25 x 2.5	
F5922-2601	26 x 3	
F5922-2602	26 x 3	



FAR 5018

Pressfar - Female 'T' connection in printed brass with bush made of stainless steel.

CODE	PRICE £
F5018-005	See List

MALE-FEMALE SIMPLE MANIFOLDS



FAR 3300

CHROME-PLATED 2 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3300-20	2	3/4"	See List
F3300-25	2	1"	See List



FAR 3350

CHROME-PLATED 3 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3350-20	3	3/4"	See List
F3350-25	3	1"	See List



FAR 3400

CHROME-PLATED 4 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3400-20	4	3/4"	See List
F3400-25	4	1"	See List



FAR 3000

CHROME-PLATED 2 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3000-20	2	3/4"	See List
F3000-25	2	1"	See List



FAR 3050

CHROME-PLATED 3 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3050-20	3	3/4"	See List
F3050-25	3	1"	See List



FAR 3100

CHROME-PLATED 4 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3100-20	4	3/4"	See List
F3100-25	4	1"	See List



FAR 3401

CHROME-PLATED 2 port modular manifold with
MFA seats - 50mm between ports.

CODE	Outlets	Size	PRICE £
F3401-20	2	3/4"	See List
F3401-25	2	1"	See List
F3401-32	2	1 1/4"	See List



FAR 3402

CHROME-PLATED 3 port modular manifold with
MFA seats - 50mm between ports.

CODE	Outlets	Size	PRICE £
F3402-20	3	3/4"	See List
F3402-25	3	1"	See List
F3402-32	3	1 1/4"	See List



FAR 3403

CHROME-PLATED 4 port modular manifold with
MFA seats - 50mm between ports.

CODE	Outlets	Size	PRICE £
F3403-20	4	3/4"	See List
F3403-25	4	1"	See List
F3403-32	4	1 1/4"	See List



FAR 3625

CHROME-PLATED 2 port modular manifold with
Male BSP - 50mm between ports.

CODE	Outlets	Size	PRICE £
F3625-2015	2	3/4"	See List
F3625-2515	2	1"	See List
F3625-2520	2	1"	See List
F3625-3215	2	1 1/4"	See List
F3625-3220	2	1 1/4"	See List



FAR 3675

CHROME-PLATED 3 port modular manifold with
Male BSP - 50mm between ports.

CODE	Outlets	Size	PRICE £
F3675-2015	3	3/4"	See List
F3675-2515	3	1"	See List
F3675-2520	3	1"	See List
F3675-3215	3	1 1/4"	See List
F3675-3220	3	1 1/4"	See List



FAR 3725

CHROME-PLATED 4 port modular manifold with
Male BSP - 50mm between ports.

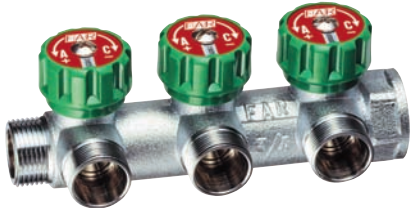
CODE	Outlets	Size	PRICE £
F3725-2015	4	3/4"	See List
F3725-2515	4	1"	See List
F3725-2520	4	1"	See List
F3725-3215	4	1 1/4"	See List
F3725-3220	4	1 1/4"	See List



FAR 3825

CHROME-PLATED 2 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3825-20	2	3/4"	See List
F3825-25	2	1"	See List



FAR 3850

CHROME-PLATED 3 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3850-20	3	3/4"	See List
F3850-25	3	1"	See List



FAR 3856

CHROME-PLATED 4 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3856-20	4	3/4"	See List
F3856-25	4	1"	See List



FAR 3875

CHROME-PLATED 2 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3875-20	2	3/4"	See List
F3875-25	2	1"	See List



FAR 3900

CHROME-PLATED 3 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3900-20	3	3/4"	See List
F3900-25	3	1"	See List



FAR 3906

CHROME-PLATED 4 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3906-20	4	3/4"	See List
F3906-25	4	1"	See List



FAR 3834

DZR 2 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3834-20	2	3/4"	See List
F3834-25	2	1"	See List



FAR 3835

DZR 3 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3835-20	3	3/4"	See List
F3835-25	3	1"	See List



FAR 3837

DZR 4 port modular manifold with
MFA seats - 36mm between ports.

CODE	Outlets	Size	PRICE £
F3837-20	4	3/4"	See List
F3837-25	4	1"	See List



FAR 3827

DZR 2 port modular manifold with
MFA seats - 70mm between ports.

CODE	Outlets	Size	PRICE £
F3827-11402	2	1 1/4"	See List
F3827-11403	3	1 1/4"	See List

“START” (Main module)

Chrome-plated multipurpose modular FLANGED manifold for water distribution and heating systems. Manual regulation.
Complete with plug, regulating valve, BLUE - RED double-face disc and disc with numeric references for the connection to the water meter.

- INLET - 1"1/4 female
- OUTLET - 1/2" female
- INLET: 1"1/2 female
- OUTLET: 1/2" - 3/4" female
- INLET: 2" female
- OUTLET: 1" female



FAR 3874

CODE	Outlets	Size	PRICE £
F3874 11412	1/2"	1"1/4	See List
F3874 11212	1/2"	1"1/2	See List
F3874 11234	3/4"	1"1/2	See List
F3874 21	1"	2"	See List

“START” (Jointing module - 100 mm centre line between ports)

Chrome-plated multipurpose modular FLANGED manifold for water distribution and heating systems. Manual regulation.
Complete with plug, regulating valve, BLUE - RED double-face disc and disc with numeric references for the connection to the water meter.

- INLET - 1"1/4 female
- OUTLET - 1/2" female
- INLET: 1"1/2 female
- OUTLET: 1/2" - 3/4" female
- INLET: 2" female
- OUTLET: 1" female



FAR 3874

CODE	Outlets	Size	PRICE £
F3874 11412100	1/2"	1"1/4	See List
F3874 11212100	1/2"	1"1/2	See List
F3874 11234100	3/4"	1"1/2	See List
F3874 21100	1"	2"	See List

“START” (Jointing module - 200 mm centre line between ports)

Chrome-plated multipurpose modular FLANGED manifold for water distribution and heating systems. Manual regulation.
Complete with plug, regulating valve, BLUE - RED double-face disc and disc with numeric references for the connection to the water meter.

- INLET - 1"1/4 female
- OUTLET - 1/2" female
- INLET: 1"1/2 female
- OUTLET: 1/2" - 3/4" female
- INLET: 2" female
- OUTLET: 1" female



FAR 3874

CODE	Outlets	Size	PRICE £
F3874 11412200	1/2"	1"1/4	See List
F3874 11212200	1/2"	1"1/2	See List
F3874 11234200	3/4"	1"1/2	See List
F3874 21200	1"	2"	See List

Overview

Underfloor Heating requires only low temperature hot water and is ideal for use with modern condensing boilers. With Underfloor Heating, comfort levels are high and running costs are low.

Utilising today's modern multilayer pipes, control systems and high efficiency boilers, the underfloor heating systems of today are extremely comfortable and controllable. Radiators are no longer needed so giving more room space. The heat is more evenly distributed and dust is not circulated.

Underfloor heating has made it possible to reduce energy consumption by using low water temperatures.



System Benefits

- Space & Economics - Every square metre of your home can be fully utilised and the cost for our system is very similar to a radiator system.
- Hygiene - No dust and the underfloor heating will help to reduce house dust mites which is a benefit to asthma sufferers.
- Aesthetics & Labour Saving - You can design your home to suit your needs rather than that of your heating engineer. Cleaning of the floors is easier and wet floors dry very quickly.
- Silence & Comfort - Radiant heat will provide the highest comfort levels at an even temperature throughout. Compared to radiator systems, there is no noise.
- Cost effective - It has been proven that energy saving from 15-40% can be achieved with underfloor heating.
- Ease of control - Small temperature between the floor surface and the air above means the system is practically self regulating.



Installation



Partners in Technology

FAR Rubinetterie S.p.A. has a proud 30 year history in the design and manufacture of components for heating, plumbing and sanitary systems.

www.far.eu





FAR 3445

Automatic air vent, thermometer and drain cock.

CODE	Size	PRICE £
F3445-25	1"	See List

FAR 3446

Automatic air vent, thermometer, pressure gauge and drain cock.

CODE	Size	PRICE £
F3446-25	1"	See List



FAR 3929

"ZonaFAR" BSP flow & return manifold incl. brackets - Excl. adaptors and end plugs.

CODE	Size	PRICE £
F3929-3202	1 1/4"	See List
F3929-3203	1 1/4"	See List
F3929-3204	1 1/4"	See List
F3929-3205	1 1/4"	See List
F3929-3206	1 1/4"	See List
F3929-3207	1 1/4"	See List
F3929-3208	1 1/4"	See List
F3929-3209	1 1/4"	See List
F3929-3210	1 1/4"	See List
F3929-3211	1 1/4"	See List
F3929-3212	1 1/4"	See List



FAR 4100

"ZonaFAR" end plug

CODE	Size	PRICE £
F4100-32	1 1/4"	See List



FAR 4150

"ZonaFAR" end plug

CODE	Size	PRICE £
F4150-32	1 1/4"	See List



FAR 3445

Automatic air vent, thermometer and drain cock.

CODE	Size	PRICE £
F3445-25	1"	See List

FAR 3446

Automatic air vent, thermometer, pressure gauge and drain cock.

CODE	Size	PRICE £
F3446-25	1"	See List



FAR 3916

Pre-assembled "ZonaFAR" incl. brackets.
Excl. adaptors and end plugs.

CODE	Size	PRICE £
F3916-2502	1"	See List
F3916-2503	1"	See List
F3916-2504	1"	See List
F3916-2505	1"	See List
F3916-2506	1"	See List
F3916-2507	1"	See List
F3916-2508	1"	See List
F3916-2509	1"	See List
F3916-2510	1"	See List
F3916-2511	1"	See List
F3916-2512	1"	See List

FAR 4310

"ZonaFAR" end plug

CODE	Size	PRICE £
F4310-25	1"	See List



FAR 4150

"ZonaFAR" end plug

CODE	Size	PRICE £
F4150-25	1"	See List



FAR 3481

30°C - 60°C

ZonaFar failsafe mixing arrangement,
excluding pipe fittings and Grundfoss
15-60 Alpha Base pump.

CODE	Size	Ports	PRICE £
F3481-2503	1"	3	See List
F3481-2504	1"	4	See List
F3481-2505	1"	5	See List
F3481-2506	1"	6	See List
F3481-2507	1"	7	See List
F3481-2508	1"	8	See List
F3481-2509	1"	9	See List
F3481-2510	1"	10	See List
F3481-2511	1"	11	See List
F3481-2512	1"	12	See List



FAR 3483

30°C - 60°C

Integrated ZonaFar failsafe mixing for
underfloor and radiator circuits, excluding pipe
fittings and Grundfoss 15-60 Alpha Base pump.

CODE	Size	U/F	Rad	PRICE £
F3483-250302	1"	3	2	See List
F3483-250402	1"	4	2	See List
F3483-250502	1"	5	2	See List
F3483-250602	1"	6	2	See List
F3483-250702	1"	7	2	See List
F3483-250802	1"	8	2	See List
F3483-250902	1"	9	2	See List
F3483-251002	1"	10	2	See List
F3483-251102	1"	11	2	See List
F3483-250303	1"	3	3	See List
F3483-250403	1"	4	3	See List
F3483-250503	1"	5	3	See List
F3483-250603	1"	6	3	See List
F3483-250702	1"	7	3	See List
F3483-250803	1"	8	3	See List
F3483-250903	1"	9	3	See List
F3483-251003	1"	10	3	See List



FAR 3564

CODE	Size	Ports	PRICE £
F3564-102	1"	2	See List
F3564-103	1"	3	See List
F3564-104	1"	4	See List
F3564-105	1"	5	See List
F3564-106	1"	6	See List
F3564-107	1"	7	See List
F3564-108	1"	8	See List
F3564-109	1"	9	See List
F3564-110	1"	10	See List
F3564-111	1"	11	See List
F3564-112	1"	12	See List



FAR 3927

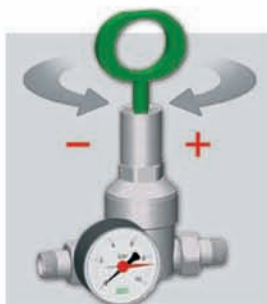
CODE	Size	Ports	PRICE £
F3297-11202	1 1/2"	2	See List
F3297-11203	1 1/2"	3	See List
F3483-11204	1 1/2"	4	See List
F3483-11205	1 1/2"	5	See List
F3483-11206	1 1/2"	6	See List
F3483-11207	1 1/2"	7	See List
F3483-11208	1 1/2"	8	See List
F3483-11209	1 1/2"	9	See List
F3483-11210	1 1/2"	10	See List
F3483-11211	1 1/2"	11	See List
F3483-11212	1 1/2"	12	See List

RELIABILITY, DURABILITY AND EASY MAINTENANCE ARE THE MAIN FEATURES OF THIS PRESSURE REDUCING VALVE

The main purpose of pressure reducing valves is to keep constant pressure in the system, even when the upstream pressure varies widely. Such variations usually occur during the night, or at the weekend, when the use of water decreases. Pressure variation between night and day can range from 3-4 bar. Maintaining constant system pressure avoids leaks and/or malfunction of taps, dishwashers, washing machines etc...Inside the pressure reducing valve there is a cartridge which can be cleaned or replaced thanks to an easy extraction system.

For construction and testing we took as reference UNI EN 1567:2002 Valves for buildings - Water and water combined pressure reducing valves - Requirements and test methods.

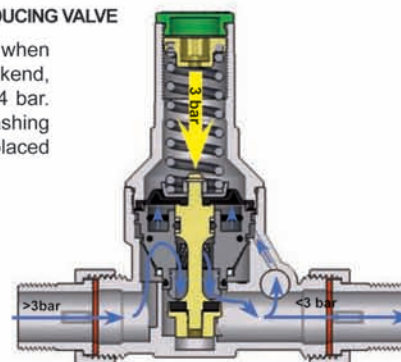
FAST AND EASY ADJUSTMENT



Turning the screw in a clockwise direction – with the aid of the Allen key supplied – increases the pressure, while unscrewing counter-clockwise will cause it to decrease.

TECHNICAL FEATURES

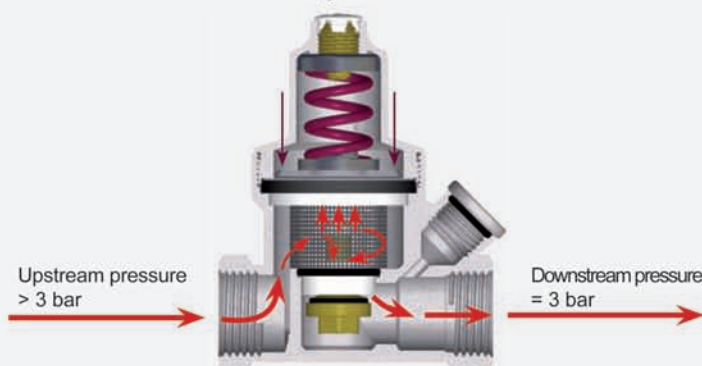
Reducing valve body	CR brass
Sealing seat	Stainless steel
Cartridge material	Hostaform®
O-Rings and gaskets material	EPDM
Downstream adjustable pressure	from 1 to 6 bar
Nominal pressure	16 and 25 bar
Max. working temperature	75°C



NEW PRESSURE REDUCING VALVE

SMALL SIZE, HIGH RELIABILITY

3 bar pressure reducing valve



UNI EN ISO 9001:2008

STRAINERS FOR DOMESTIC SERVICES

In order to protect the whole system from any impurity that, over time, might damage components and/or impair system function, it is essential to install a strainer at the system inlet - after the water meter and before the pressure reducing valve. It is a mechanical strainer which is ideal for stopping impurities such as sand, broken bricks or parts of seals which might possibly get into the pipeline during installation.

The body of the FAR strainer for domestic systems is fabricated entirely from Dezincification Resistant (DZR) brass. It is a known fact that components made of standard brass can suffer corrosion from stagnant water, or water rich in oxygen and carbon dioxide.

TECHNICAL FEATURES

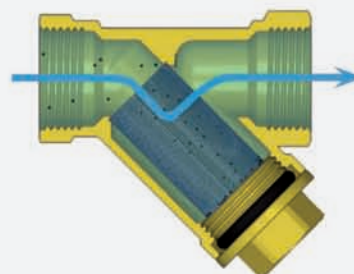
Body material:	CC752S (CR) brass
Mesh filter material:	AISI 304 steel
Filtration level:	100 - 300 - 700 µm
Max. working pressure:	25 bar
Max. working temperature:	95°C



The FAR **inclined strainer** is a hydraulic component of small dimensions that permits removal of impurities and particles which could pollute the system and damage the components within it. The cartridge is easily removable for simple, fast maintenance and is just as easy to replace.

TECHNICAL FEATURES

Compatible media:	water
Max. water temperature:	95°C
PN:	16 bar
Filtration level:	600 µm
Strainer body:	CW617N brass
Cartridge:	AISI 304 steel
Terminal plug:	CW617N brass
O-ring:	EPDM





FAR 2864

Brass pressure reducing valve for domestic services and heating systems

CODE	Size	PRICE £
F2864 15	1/2"	See List
F2864 20	3/4"	See List



FAR 2868

Brass pressure reducing valve for domestic services and heating systems

CODE	Size	PRICE £
F2868 15	1/2"	See List
F2868 20	3/4"	See List



F2800

F2800

CODE	SIZE	C74ACR
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List



F2840

F2840

CODE	SIZE	C74ACR
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List



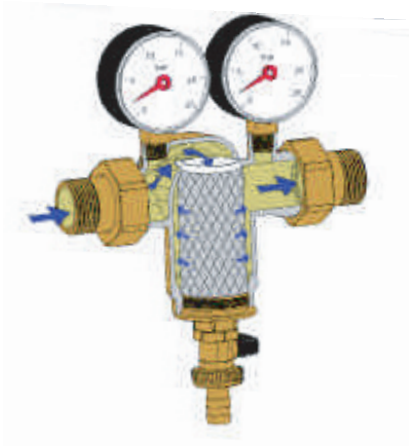
FAR 3925

“FILTROFAR” Male union strainer with spring loaded automatic shut-off for strainer servicing.

CODE	Size	PRICE £
F3925 20	3/4"	See List

Technical features

Body material: dezincification resistance brass
Mesh filter building material: AISI 304 steel
Filtration degree: 300µm
Max working pressure: 25 bar
Connections measures: 1/2"-3/4"-1"-1 1/4"
Available versions: male-male, male-female, female-female



Spare cartridge
300µm



FAR 3943

CODE	Size	PRICE £
F3943 15	1/2"	See List



FAR 3930

CODE	Size	PRICE £
F3930 20	3/4"	See List
F3930 25	1"	See List
F3930 32	1 1/4"	See List



FAR 5010

MFA Thread x male iron

CODE	SIZE	PRICE £
F5010-10	3/8"	See List
F5010-15	1/2"	See List
F5010-20	3/4"	See List
F5010-25	1"	See List

FAR 5012

MFB Thread x male iron

CODE	SIZE	PRICE £
F5012-20	3/4"	See List
F5012-25	1"	See List

FAR 5013

MFC Thread x male iron

CODE	SIZE	PRICE £
F5013-25	1"	See List



FAR 5060

MFA Thread x female iron

CODE	SIZE	PRICE £
F5060-10	3/8"	See List
F5060-15	1/2"	See List
F5060-20	3/4"	See List
F5060-25	1"	See List

FAR 5062

MFB Thread x female iron

CODE	SIZE	PRICE £
F5062-20	3/4"	See List
F5062-25	1"	See List

FAR 5059

MFC Thread x female iron

CODE	SIZE	PRICE £
F5059-GB	1/2"	See List

FAR 5063

MFC Thread x female iron

CODE	SIZE	PRICE £
F5063-25	1"	See List



FAR 5110

MFA Thread straight connector

CODE	SIZE	PRICE £
F5110-15	1/2"	See List

FAR 5112

MFB Thread straight connector

CODE	SIZE	PRICE £
F5112-25	1"	See List

FAR 5009

MFA X MFB Thread straight connector

CODE	SIZE	PRICE £
F5009-GB	MFA x MFB	See List



FAR 5360

MFA Thread elbow

CODE	SIZE	PRICE £
F5360-15	1/2"	See List

FAR 5362

MFB Thread elbow

CODE	SIZE	PRICE £
F5362-25	1"	See List



FAR 5260

MFA Thread x male iron elbow

CODE	SIZE	PRICE £
F5260-15	1/2"	See List
F5260-20	3/4"	See List

FAR 5262

MFB Thread x male iron elbow

CODE	SIZE	PRICE £
F5262-20	3/4"	See List
F5262-25	1"	See List



FAR 5310

MFA Thread x female
iron elbow

CODE	SIZE	PRICE £
F5310-15	1/2"	See List
F5310-20	3/4"	See List

FAR 5312

MFB Thread x female
iron elbow

CODE	SIZE	PRICE £
F5312-20	3/4"	See List
F5312-25	1"	See List



FAR 5410

MFA Thread TEE

CODE	SIZE	PRICE £
F5410-15	1/2"	See List

FAR 5412

MFB Thread TEE

CODE	SIZE	PRICE £
F5412-25	1"	See List



FAR 5460

MFA Thread TEE x female

CODE	SIZE	PRICE £
F5460-15	1/2"	See List
F5460-20	3/4"	See List

FAR 5462

MFB Thread TEE x female

CODE	SIZE	PRICE £
F5462-20	3/4"	See List
F5462-25	1"	See List



FAR 5510

MFA Thread TEE x male iron

CODE	SIZE	PRICE £
F5510-15	1/2"	See List



FAR 4300

MFA Thread x 3/4" & 1"
male iron

CODE	SIZE	PRICE £
F4300-20	3/4"	See List
F4300-25	1"	See List



FAR 2050

CHROME-PLATED STRAIGHT
automatic air vent float valve.

CODE	Size	PRICE £
F2050-08	1/4"	See List
F2050-10	3/8"	See List
F2050-15	1/2"	See List



FAR 2060

CHROME-PLATED L-SHAPED
automatic air vent float valve.

CODE	Size	PRICE £
F2060-08	1/4"	See List
F2060-10	3/8"	See List
F2060-15	1/2"	See List
F2060-20	3/4"	See List



FAR 2080

Check valve for CHROME
air vent valve.

CODE	Size	PRICE £
F2080-10	3/8"	See List
F2080-15	1/2"	See List



FAR 4200

Male blanking plug for air vents.

CODE	Size	PRICE £
F4200-2008	3/4" x 1/4"	See List
F4200-2010	3/4" x 3/8"	See List
F4200-2508	1 x 1/4"	See List
F4200-2510	1 x 3/8"	See List
F4200-2515	1 x 1/2"	See List
F4200-3215	1 1/4" x 1/2"	See List



FAR 4000

Manifold blanking plug for air vents.

CODE	Size	PRICE £
F4000-2008	3/4" x 1/4"	See List
F4000-2010	3/4" x 3/8"	See List
F4000-2015	3/4 x 1/2"	See List
F4000-2508	1 x 1/4"	See List
F4000-2510	1 x 3/8"	See List
F4000-2515	1 x 1/2"	See List
F4000-3208	1 1/4" x 1/4"	See List
F4000-3210	1 1/4" x 3/8"	See List



FAR 4050

Elbow manifold blanking plug
for air vents.

CODE	Size	PRICE £
F4050-2008	3/4" x 1/4"	See List
F4050-2010	3/4" x 3/8"	See List
F4050-2015	3/4 x 1/2"	See List
F4050-2508	1 x 1/4"	See List
F4050-2510	1 x 3/8"	See List
F4050-2515	1 x 1/2"	See List



FAR 6010

Rotating CHROME-PLATED
discharge valve with square.

CODE	Size	PRICE £
F6010-15	1/2"	See List



FAR 6020

Rotating CHROME-PLATED valve for
air discharge with square.

CODE	Size	PRICE £
F6020-10	3/8"	See List
F6020-15	1/2"	See List



FAR 6100

CHROME-PLATED manual air
vent valve with O RING seal.

CODE	Size	PRICE £
F6100-04	1/8"	See List
F6100-08	1/4"	See List
F6100-10	3/8"	See List



FAR 6130

CHROME-PLATED manual air vent
valve, with plastic regulating valve
and PTFE gasket.

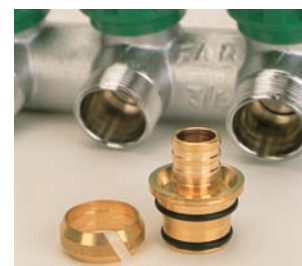
CODE	Size	PRICE £
F6130-08	1/4"	See List
F6130-10	3/8"	See List



FAR 6052

MFA Mechanical compression
plastic pipe adaptors

CODE	Pipe	Size	PRICE £
F6052-6563	plastic	10,5x1,25	See List
F6052-48186	plastic	12x2,15	See List
F6052-4847	plastic	12x2	See List
F6052-48184	plastic	12x1,5	See List
F6052-481005	plastic	12x1,35	See List
F6052-9761005	plastic	12,7x1,7	See List
F6052-976186	plastic	12,7x2,4	See List
F6052-6563	plastic	14x1,5	See List
F6052-6545	plastic	14x2	See List
F6052-4645	plastic	15x2,5	See List
F6052-4663	plastic	15x2	See List
F6052-46173	plastic	15x1,7	See List
F6052-4661	plastic	15x1,5	See List
F6052-5863	plastic	16x2,5	See List
F6052-58173	plastic	16x2,2	See List
F6052-5861	plastic	16x2	See List
F6052-58262	plastic	16x1,8	See List
F6052-5864	plastic	16x1,5	See List
F6052-58180	plastic	16x2,7	See List
F6052-15061	plastic	16,8x2,4	See List
F6052-150829	plastic	17x2,25	See List
F6052-15043	plastic	17x2	See List
F6052-6043	plastic	17,8x2,4	See List
F6052-60180	plastic	17,8x3,6	See List
F6052-4443	plastic	18x2,5	See List
F6052-44221	plastic	18x2,2	See List
F6052-4468	plastic	18x2	See List
F6052-8043	plastic	20x3,5	See List
F6052-8068	plastic	20x3	See List
F6052-80185	plastic	20x2,8	See List
F6052-80222	plastic	20x2,3	See List
F6052-8069	plastic	20x2,15	See List
F6052-80214	plastic	20x2	See List
F6052-80261	plastic	20x1,9	See List



FAR 8427

Sealing compression KIT
in rubber for copper pipe

CODE	Pipe	Size	PRICE £
F8427-10	copper	ø 10	See List
F8427-12	copper	ø 12	See List
F8427-14	copper	ø 14	See List



FAR 6055

MFA Mechanical compression
Alupex pipe adaptors

CODE	Pipe	Size	PRICE £
F6055-902901	multilayer	11,6x1,5	See List
F6055-48901	multilayer	12x1,8	See List
F6055-65193	multilayer	14X2	See List
F6055-58190	multilayer	16X2	See List
F6055-58200	multilayer	16X2,25	See List
F6055-58278	multilayer	16,2X2,6	See List
F6055-150200	multilayer	16,8x2,5	See List
F6055-150810	multilayer	17X2	See List
F6055-44191	multilayer	18X2	See List
F6055-80204	multilayer	20X2	See List
F6055-80192	multilayer	20X2,25	See List
F6055-80201	multilayer	20X2,5	See List
F6055-80191	multilayer	20X2,9	See List

MFB - Mechanical compression plastic pipe adaptors

F6055-219218	GF/Unipipe	25x2.5	See List
F6055-220218	Haka/Mepla	26x3.0	See List

MFC - Mechanical compression Alupex pipe adaptors

F6055-276275	Haka/Unipipe Mepla/GF	32x3	See List
--------------	--------------------------	------	----------



FAR 6056

MFA Mechanical compression
Alupex pipe adaptors

CODE	Pipe	Size	PRICE £
F6056-263274	multilayer	20X2	See List
F6056-263264	multilayer	20X2,25	See List
F6056-263265	multilayer	20X2,5	See List
F6056-219218	multilayer	25x2,5	See List
F6056-220218	multilayer	26x3	See List



FAR 8429

Sealing compression KIT
in rubber for copper pipe

CODE	Pipe	Size	PRICE £
F8429-15	copper	ø 15	See List



FAR 3429

MFA - MFA Flow indicator

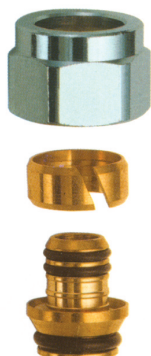
CODE	Size	PRICE £
F3429-2	24X19	See List
1 to 3.5 litres per minute.		
F3429-8	24X19	See List
2 to 8 litres per minute.		



FAR 3434

MFA - MFA Temperature Gauge

CODE	Size	PRICE £
F3434-MFA	24X19	See List



FAR 8865

MFA - BSP Male Adapter

CODE	Size	PRICE £
F8865-12	1/2"	See List
F8865-34	3/4"	See List

FAR 6076

Alupex - Eurokonus Male Adapter

F6076-206803	1/2"	See List
F6076-207802	1/2"	See List



FAR 6000

MFA Manifold Spanner

CODE	Size	PRICE £
F6000	EX. 27	See List



FAR 6001

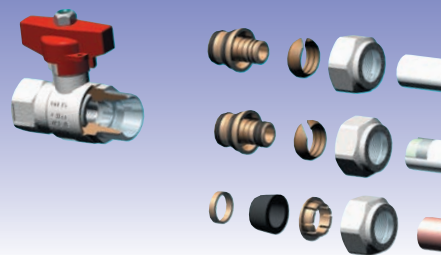
MFA Manifold Spanner

CODE	Size	PRICE £
F6001	EX. 35	See List

I FAR

BALL VALVES

EXAMPLE OF CIMFAR 312 WITH MFA PIPE ADAPTORS



C302F

C302F

FAR X FAR

CODE	SIZE	£
A15	MFA x MFA	See List
B20	MFB x MFB	See List
C25	MFC x MFC	See List



C346F

C346F

MALE UNION X FAR

CODE	SIZE	£
A15	MFA x 1/2"	See List
B20	MFB x 3/4"	See List
C25	MFC x 1"	See List



C309F

C309F

COPPER X FAR

CODE	SIZE	£
A15	MFA x 15	See List
B20	MFB x 22	See List
C25	MFC x 28	See List



C312F

C312F

FEMALE X FAR

CODE	SIZE	£
A15	MFA x 1/2"	See List
B20	MFB x 3/4"	See List
C25	MFC x 1"	See List



It is possible to fit FAR thermostatic valves with either a thermostatic, or a thermo-electric head to control opening and closing. Unscrew the white manual regulating valve (1), insert the green joint provided in the box onto the stainless steel pin (2) and screw the manual regulating valve tight once again. In this way it is possible to remove the manual regulating valve and the joint (3) without damaging them and then set up the selected head. In order to set up the FAR thermostatic head it is necessary to set the selector to position 5. Fix the head on the valve body and screw the plastic locking ring. To install thermo-electric actuators first screw the adapter, art.1941 (page 36), onto the valve and then start assembly, as detailed below.



Position	Corresponding temperature
0	No radiator
*	7
1	12
2	16
3	20
4	24
5	28



ACCESSORIES

If there is a substantial distance between pipe and valve, as may occur during a renovation or restoration project, for example, connect the extension, art. 8850, to the copper or plastic pipe. If there is distance between valve and radiator use the extension terminal, art. 8820.



The replacement of the double sealing pin is done by unscrewing the nut and removing the pin and 'O'rings and replacing them with a new art. 9050. This process can be carried without draining the system.





FAR 1800

Thermostatic Control Head

CODE	PRICE £
F1800	See List



FAR 1810

Thermostatic Control Head

CODE	PRICE £
F1810	See List



FAR 1824

Thermostatic Control Head

CODE	PRICE £
F1824	See List



FAR 1610

Thermostatizable Radiator Valve

CODE	Size	PRICE £
F1610-10	3/8"	See List
F1610-15	1/2"	See List



FAR 1630

Thermostatizable Radiator Valve

CODE	Size	PRICE £
F1630-10	3/8"	See List
F1630-15	1/2"	See List



FAR 1617

Thermostatizable Radiator Valve

CODE	Size	PRICE £
F1617-38	3/8"	See List
F1617-12	1/2"	See List



FAR 1615

Thermostatizable Radiator Valve

CODE	Size	PRICE £
F1615-38	3/8"	See List
F1615-12	1/2"	See List



FAR 1616

Thermostatizable Radiator Valve

CODE	Size	PRICE £
F1616-38	3/8"	See List
F1616-12	1/2"	See List



FAR 1116

Lockshield Radiator Valve

CODE	Size	PRICE £
F1116-38	3/8"	See List
F1116-12	1/2"	See List



FAR 1117

Lockshield Radiator Valve

CODE	Size	PRICE £
F1117-38	3/8"	See List
F1117-12	1/2"	See List



FAR 1941

CODE	Size	PRICE £
F1941	-	See List



FAR 1050

Chrome-Plated Angle
Manual Valve with MFA Seat

CODE	Size	PRICE £
F1050-10	3/8"	See List
F1050-15	1/2"	See List



FAR 1250

Chrome-Plated Straight
Manual Valve with MFA Seat

CODE	Size	PRICE £
F1250-10	3/8"	See List
F1250-15	1/2"	See List



FAR 1110

Chrome-Plated Angle LS
Regulating Valve with MFA Seat

CODE	Size	PRICE £
F1100-10	3/8"	See List
F1100-15	1/2"	See List



FAR 1300

Chrome-Plated Straight LS
Regulating Valve with MFA Seat

CODE	Size	PRICE £
F1300-10	3/8"	See List
F1300-15	1/2"	See List



FAR 1942

CODE	Size	PRICE £
F1942	-	See List



FAR 0100

Thermostatizable L-shaped radiator valve
with MFA seat - gold.

CODE	Size	PRICE £
F0100-10	3/8"	See List
F0100-15	1/2"	See List



FAR 0105

Thermostatizable L-shaped radiator valve
with MFA seat - chrome.

CODE	Size	PRICE £
F0105-10	3/8"	See List
F0105-15	1/2"	See List



FAR 0145

CHROME-PLATED ANGLE Thermostatizable
Valve with BSP Seat

CODE	Size	PRICE £
F0145-15	1/2"	See List



FAR 0180

Thermostatizable straight radiator valve
with MFA seat - gold.

CODE	Size	PRICE £
F0180-10	3/8"	See List
F0180-15	1/2"	See List



FAR 0185

Thermostatizable straight radiator valve with
MFA seat - chrome.

CODE	Size	PRICE £
F0185-10	3/8"	See List
F0185-15	1/2"	See List



FAR 0225

CHROME-PLATED ANGLE Thermostatizable
Valve with BSP Seat

CODE	Size	PRICE £
F0225-15	1/2"	See List



Low Carbon Energy Solutions for Building Services

SAV Systems' technical team can help specifiers to successfully integrate modules into their projects. Specially prepared design guides are also available.

SAV Systems modules are delivered pre-packaged and pre-tested to integrate easily into modern, fast-track construction programmes.

- Heat recovery ventilation systems (HRVS)
- LoadTracker combined heat and power (CHP)
- Solar thermal DHW and heating systems
- FlatStation HIUs and Energy meters
- HVAC Commissioning Modules
- Pipe fittings, valves and actuators
- Gas heat pumps (GHP)

UK CUSTOMER SUPPORT CENTRE

SAV Systems, Scandia House, Boundary Road, Woking, Surrey GU21 5BX
Telephone: +44 (0)1483 771910 EMAIL: info@sav-systems.com

GENERAL INFORMATION: Office Hours: 9.00am - 5.00pm Monday to Friday.