

Quality on the go!



Product Catalog 2017



Excellence in Quality and Engineering

For over 80 years, JUDO Water Treatment has played a leading role in the development and manufacture of quality products for the treatment of water. JUDO is committed to providing clients with innovative solutions ranging from simple filtration units to high-tech water treatment systems.

All JUDO products are assembled at our manufacturing plant in Germany then distributed worldwide through JUDO regional centers and distribution partners in over 50 countries.

Our expertise, creative innovation and years of experience are set to offer you the best solutions for your project needs both today and in the years ahead.



Chief Executive Officer
Hartmut J. Dopslaff



Chief Executive Officer
Kathrin Reggi-Dopslaff

The 2016 edition of our North America catalog contains FEATURED products that are readily available in this market. Other JUDO products are still available and may be ordered at any time. Our staff are here to assist you with all your inquiries.

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Excellence in Quality and Engineering - Made in Germany

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For our most precious commodity, only the best!

Of all the commodities, we need and use every day, the most precious of them all is water. A clean, hygienically reliable drinking water supply is the key to a fit and healthy lifestyle as well as an inner sense of wellbeing. Water, however, is also more than just that:

- It is a source of luxury, as anyone knows, who has ever lain back in a bathtub of softened water and experience the sense of relaxation that goes with that.
- It is a source of temperature control in our Hvac and industrial closed loop heating and cooling systems keeping our personal environments well in our comfort zones.

- It keeps machinery cool, ensures production processes are kept running and it is used for cleaning and in disinfection.

The JUDO range of water treatment products and systems is as varied and as widespread as the range of applications they are engineered to service. What all of them have in common, however, are the highest levels of performance standards, quality and workmanship as we believe that when it comes down to our most precious commodity, second best just is not good enough!

Innovative technology - created with you in mind

JUDO has 80 years of experience in offering innovative solutions for water treatment in residential and commercial applications. Whether in single home applications, apartment, hotel complexes or manufacturing, potable or process water applications, our range of products and systems offer not only the latest in technology, but also the support services required to insure this is installed and operated with ease.

Partnerships

We are not just there for you, but also there with you! Our support service does not stop at an email, we are more than happy to offer you the personal support and guidance you need to address problems you may encounter. Personal contact, reliability and trust are the foundations upon which we build our client relations at all levels from initial systems planning stages through to after sales support services.

Innovation

Throughout the company's long history, JUDO has been striving to optimize the treatment process in an innovative and sensible way. The wide range of patents and prizes for innovation in our field bear witness to our success here. Our company specialists offer detailed process knowledge and many years of practical experience ensuring a balanced mix of traditional water treatment methods and tomorrow's technology are combined in a way most beneficial to you, the client.

Quality

The JUDO brand name has long been a benchmark for quality and innovation in the industry at large. Ensuring the highest standards in reliability, durability and ease of use. JUDO products are exclusively German engineered and manufactured underscoring the high reputation products 'made in Germany' enjoy worldwide and are all individually tested before leaving our plant.



Why treat water?

Our drinking water supply companies offer the highest standards in drinking water purity and quality. Despite this fact, there is often a need to treat water additionally at point of use. There are several reasons for this including:

- In between leaving the water works and flowing through our faucets, water runs through miles of pipes, many of which were installed decades ago. Rust and particles released through corrosion here are transported in the water supply and end up blocking valves and seals as well as laying the foundations in our buildings for further corrosion and bacterial build up.

JUDO water treatment systems are engineered to help protect your pipe system along with all appliances and fitting attached to it, from damage ensuring a longer, more efficient and cost and environmentally effective working life.

- What is good for us humans is not always the optimal solution for our technical equipment, appliances and heaters. Depending on the water chemistry involved as well as the material these systems are made up of problems such as calcium deposits, corrosion or bacterial build up may also occur here.

JUDO's innovative systems and products keep your heater and appliances working more efficiently, and in an environmentally and more cost effective manner. Protection levels against shut downs and malfunction levels in manufacturing processes are increased thus reducing the costs of maintenance and repairs and ensuring the systems run more efficiently.

- No matter if you are a homeowner looking at his water supply or a building manager with the weight of responsibility for several families on his shoulders, drinking water hygiene should always be high on your list of priorities to look out for.

JUDO protective filters and softeners offer an ideal platform in ensuring the levels of hygiene in the water coming out of your faucets are exactly what they should be.

Conversion Tables

EQUIVALENTS AND CONVERSION FACTORS			
TYPE	MULTIPLY	BY	TO OBTAIN
Area	Cubic Centimeters	0.061	Cubic Inches
	Cubic Inches	16.39	Cubic Centimeters
Flow rate	Liter per minute	0.2642	US gallons per minute
	US gallons per minute	3.785	Liter per minute
	Cubic meters per hour (m ³ /h)	4.403	US gallons per minute
Measurement	Millimeter (mm)	0.0393	Inches
	Inches	25.4	Millimeter (mm)
Pressure	Bar	14.5	Pounds per square inch (psi)
	Kilopascal (kPa)	0.145	Pounds per square inch (psi)
	Pounds per square inch (psi)	6.894	Kilopascal (kPa)
Temperature	Celsius (°C)	1.8 add 32	Fahrenheit (°F)
	Fahrenheit (°F)	Subtract 32, divide by 1.8	Celsius (°C)
Volume	Liters (ltr)	0.264	US gallon
	US gallon	3.785	Liters
Weight	Kilogram (kg)	2.2046	Pounds (lb.)
	Pounds (lb.)	0.454	Kilogram (kg)

PIPE SIZE			FILTER SIZE	
mm	Inches	DN	Microns	Mesh
20	¾"	20	30	590
25	1"	25	50	297
32	1¼"	32	100	149
40	1½"	40	200	74
50	2"	50	320	45
65	2½"	65	500	35
80	3"	80		
100	4"	100		
125	5"	125		
150	6"	150		
200	8"	200		

1" = 25.40 mm

NOTE: All illustrations, dimensions and information for models in this catalog are valid on the date of printing. All rights are reserved for modifications as a result of technical progress or further product developments.

Abbreviations:

AT (Automatic Time Actuated Backwash Operation) – Backwash is activated by a time-actuated relay with adjustable range settings for 4hours/8hours/24hours/weekly/monthly. There is also a Manual override button.

ATP (Automatic Time and Pressure Differential Actuated Backwash Operation) – Electronic control system for backwash operation and alarm fault buzzer. Backwash is activated by a time-actuated relay with adjustable range settings for 4hours/8hours/24hours/weekly/monthly and pressure differential switch. There is also a Manual override button.

AUTO – Automatic backwash function.

CSA (Canadian Standards Association) registered mark – indicates that the product has been independently tested and certified to meet recognized standards for safety or performance.

DIN (German Institute for Standardization) German national organization for standardization of products.

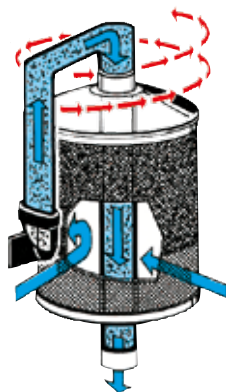
DN - Diametre Nominal, the European equivalent of Nominal Pipe Size.

DPS (Differential Pressure Switch) – device that monitors the inlet and outlet pressure of the filter and will activate a backwash cycle if the differential in pressure exceeds the set point.

M (Manual Self Cleaning Backwash Operation) – Backwash activated by manually rotating hand wheel.

PN (Pressure Nominal) - The pressure in bars that the pipe can support with water at 20°C.

Patented Products:



BACKWASH CLEANING SYSTEM

The patented point-rotation system of JUDO water filters allows for backwash cleaning without any interruption of the water supply or filtration process.



QUICK MOUNTING CONNECTION

The patented JUDO QUICKSET-E built-in rotary flange facilitates the easy installation of many JUDO devices. This forms the flange connection between the water pipe and the JUDO water treatment unit. The QUICKSET-E allows for installation for vertical or horizontal flow direction.

Don't welcome rust, grime and lime scale into your home!

Obviously we all want our water installation system kept in the best possible working order – after all it is the packaging for our most important foodstuff: water. Damage to this systems can result in the threat of health and hygiene issues. Above and beyond that damage in a supply system which

affects the quality of water provided inevitably means nerve taxing and costly repairs.

Don't run the risk! Combat the main problem causes, corrosion and lime scale, before they can get to work in your system.



JUDO EASY-LINE

Backwash Protective Filters

Engineered with ease of installation and use in mind, EASY-LINE filters are a simple way to protect installation, fittings, fixtures and appliances from the effects of dirt particles, corrosion and lime scale. Small sand particles and dirt swept into the water system from the mains water supply can cause corrosion, rust build-up and even pipe bursts that may lead to serious damage to taps, fixtures, fittings heating elements and even household appliances.

EASY FILT-B

An economical backwash filter for water up to 30°C (86°F). Filter self cleans using a vacuum rotation system that will not interrupt the incoming water supply.



Specifications:

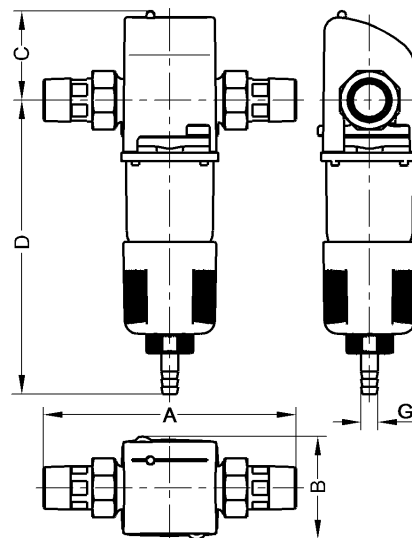
- For cold water applications to a maximum water temperature of 30°C (86°F).
- No filter cartridge change required.
- Filter hood, made of high quality plastic PN 16.
- Filter housing, made of brass, with screwing, threaded connection according to DIN EN 10226-1.
- Patented quick-mounting device for easy installation.
- Stainless steel filter screen, nominal mesh size 100 micron.
- Equipped with clear sight-glass to monitor degree of dirt build-up and view backwash functions.
- Large hand wheel for the backwashing with simultaneous cleaning of the inspection glass.
- Covering hood with calendar for backwash reminder.


Technical Data

Type EASY FILT-B	JEFB
Pipe connection - inch	1"
Max. flow rate - m ³ /h (gpm)	4.6 (20.3)
Operating pressure - psi (kPa)	22 - 145 (152 - 1000)
Pressure drop after backwash - psi (kPa)	2.9 (20)
Mesh size - mm (micron)	0.1 (100)
Weight - kg (lbs)	1.8 (4.0)
Order No.	8070647

Installation Dimensions

Type EASY FILT-B	JEFB
A Installation length - mm (inches)	195 (7.7)
B Device width - mm (inches)	81 (3.19)
C Height above pipe centre - mm (inches)	70 (2.75)
D Height below pipe centre - mm (inches)	230 (9.05)
G Connection dimension waste water - mm (inches)	13 (1/2")
Order No.	8070647



 sewer junction recommended

EASY FILT-DOS

A backwash water filter with polyphosphate dosing unit. The EASY FILT-DOS combines particle filtration and polyphosphate dosing in a single unit thus protect against lime scale build-up while removing particulates that can cause pitting.

The EASY FILT-DOS doses small amounts of polyphosphates into the incoming water supply to stabilise the hardness levels in the water and protect pipes and fittings from lime scale build-up.



Specifications:

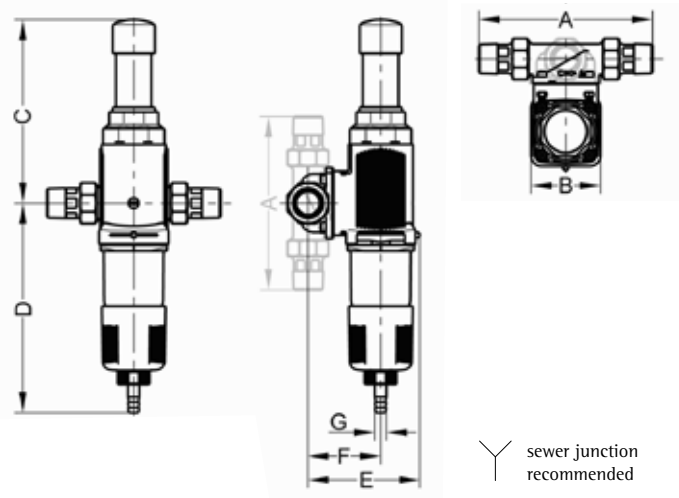
- For cold water applications to a maximum water temperature of 30°C (86°F).
- No filter cartridge change required.
- Integrated polyphosphate dosing unit consisting of high quality plastic filter hood PN16 with threaded brass connector according to DIN EN 10226-1.
- Patented quick-mounting device for easy installation.
- Stainless steel filter screen, nominal mesh size 100 micron.
- Equipped with clear sight-glass to monitor degree of dirt build-up and view backwash functions.
- Large hand wheel for the backwashing with simultaneous cleaning of the inspection glass.
- Calendar with backwash reminder.
- Polyphosphate dosing cartridge included.

Technical Data

Type EASY FILT-DOS	JEFDOS
Pipe connection - inch	1"
Max. flow rate - m ³ /h (gpm)	1.6 (7)
Operating pressure - psi (kPa)	22 - 87 (152 - 600)
Pressure drop after backwash - psi (kPa)	2.9 (20)
Mesh size - mm (micron)	0.1 (100)
Weight - kg (lbs)	2.5 (5.5)
Order No.	8215014
Order No. Replacement Phosphate cartridge	8215019

Installation Dimensions

Type EASY FILT-DOS	JEFDOS
A Installation length - mm (inches)	195 (7.7)
B Device width - mm (inches)	78 (3.07)
C Height above pipe centre - mm (inches)	207 (8.15)
D Height below pipe centre - mm (inches)	236 (9.29)
E Depth to pipe center - mm (inches)	125 (4.92)
F Waste water connection center to pipe center - mm (inches)	82 (3.23)
G Connection dimension waste water - mm (inches)	13 (1/2")
Order No.	8215014
Order No. Replacement Phosphate cartridge	8215019



sewer junction recommended

JUDO FIMAT



The FIMAT, is a CSA certified self-cleaning backwash water filter engineered for the filtration of both coarse and fine grain particulates and physical impurities in water supply systems. With flow rates up to 96 gpm, and a larger screen surface, the FIMAT is well suited for use in domestic water supply, high-rise, agricultural and industrial applications. The FIMAT is available in 1½" and 2" pipe sizes with manual (M), automatic time actuated (AT) or automatic time and pressure differential actuated (ATP) backwash operation.



Model JFXL-M 1½" - 2"



Model JFXL-AT 1½" - 2"



Model JFXL-ATP 1½" - 2"

Specifications:

- For cold water applications to a maximum water temperature of 30°C (86°F)
- Water pressure between 22 - 150 psi.
- No cartridge replacement required!
- Upper housing made of high-grade polymer-based materials; bottom housing made of high-grade cast iron coated with Rilsan®.
- Patented quick-mounting device for easy installation in both horizontal and vertical flow direction.
- Manual (M) backwash by rotating top hand wheel.
- Backwash process using JUDO's patented point rotation system without interruption to the water supply or filtration process.
- Equipped with clear sight-glass to monitor degree of dirt build-up and view backwash functions.
- Simultaneous cleaning of the sight-glass during backwash process.
- Threaded connection to ANSI B1.20.1
- Filtration through 100 micron stainless steel sieve (also available in 30, 320 and 500 microns).

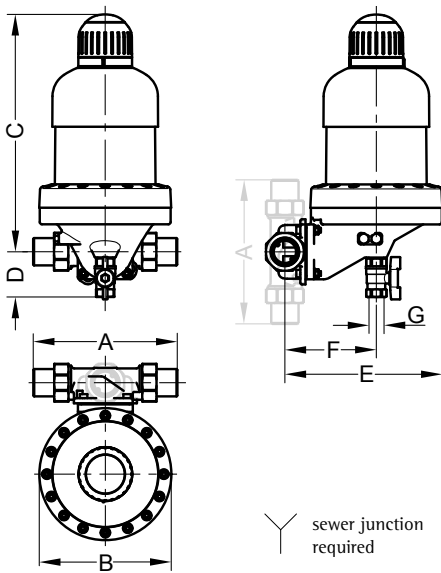
Additional specifications for AT and ATP Filters

- Electronic control system with LED display indicators for operation, alarm fault buzzer and manual over-ride button for backwash start-up.
- Automated backwash generated by a time actuated relay (AT, ATP) with available settings 4 hours/8 hours/24 hours/ weekly/monthly.
- Differential pressure control setting adjustable from 0.9 - 9 psi (ATP only).
- 120/24 VAC plug-in transformer (21 VA), 3-prong duplex box outlet required.
- Run backwash flush connection to nearest hub drain using an indirect connection.
- Equipped with 2 (two) potential-free output dry contact remote transmissions for building automation system. Maximum load current 1A; Maximum switching voltage 24 V.

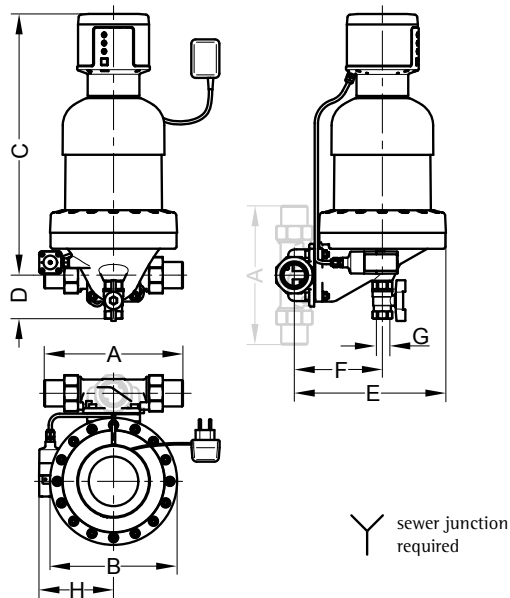
Technical Data

Type	JFXL-M	JFXL-M	JFXL-ATP	JFXL-ATP
Pipe Size	1 1/2"	2"	1 1/2"	2"
Max. flow rate - m ³ /h (gpm)	20 (88)	22 (96)	20 (88)	22 (96)
Maximum operating pressure - psi (kPa)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)
Pressure loss after backwash - psi (kPa)	3 (20)	3 (20)	3 (20)	3 (20)
Standard mesh size - mm (microns)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)
To read Max. operating and water - °C (°F)	30 (86)	30 (86)	30 (86)	30 (86)
Weight - kg (lbs)	17.5 (38.5)	18.8 (41.4)	18.8 (41.4)	20.1 (44.3)
Order No.	8020266	8020267	8020275	8020230

Installation Dimensions



Model JFXL-M 1 1/2" - 2"



Model JFXL-ATP 1 1/2" - 2"

Type	Model JFXL-M	Model JFXL-M	Model JFXL-ATP	Model JFXL-ATP
Pipe Size	1 1/2"	2"	1 1/2"	2"
A Installation length - mm (inches)	252 (9.9)	280 (11)	252 (9.9)	280 (11)
B Unit width - mm (inches)	231 (9.1)	231 (9.1)	231 (9.1)	231 (9.1)
C Height above pipe center - mm (inches)	416 (16.4)	416 (16.4)	475 (18.7)	475 (18.7)
D Height below pipe center - mm (inches)	80 (3.1)	80 (3.1)	80 (3.1)	80 (3.1)
E Depth to pipe center - mm (inches)	276 (10.9)	284 (11.2)	276 (10.9)	284 (11.2)
F Waste water connection center to pipe center - mm (inches)	160 (6.3)	168 (6.6)	160 (6.3)	168 (6.6)
G Connection dimension for waste water - mm (inches)	20 (3/4")	20 (3/4")	20 (3/4")	20 (3/4")
H Width DPS to pipe center - mm (inches)	-	-	136 (5.4)	136 (5.4)
Order No.	8020266	8020267	8020275	8020230

JUDO JRSF / JRSF-HW

Sand, rust and dirt particles from the water main can cause damage to water pipes, fittings, boilers, showers, and appliances leading to corrosion, pipe bursts and expensive repairs.

The JUDO JRSF self-cleaning backwash protective filter is a resilient problem solver. The robust design makes the JRSF suitable for special requirements in industrial, institutional, commercial and agricultural applications. JRSF is available for both cold water (JRSF) and hot water applications (JRSF-HW) for pipe sizes from 1" to 8".



Model JRSF 1" - 2"



Model JRSF-HW 1" - 2"

Specifications:

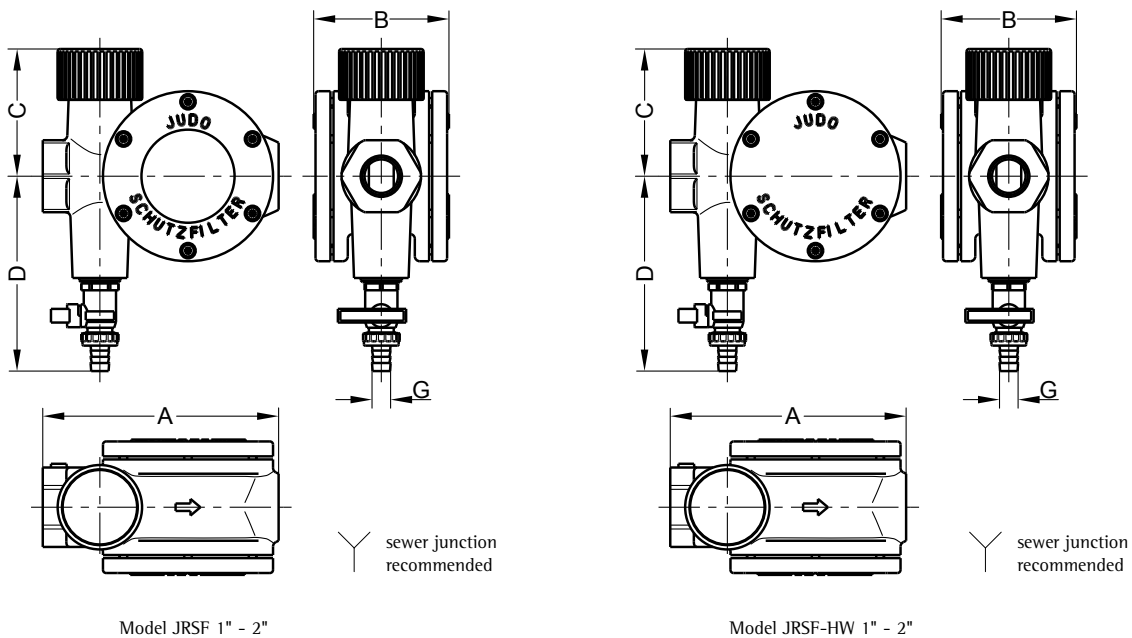
- For cold drinking water applications to a maximum of 30°C (86°F) and for hot water applications to a maximum of 90°C (194°F).
- Water pressure between 22 - 145 psi.
- No cartridge replacement required!
- Designed to remove suspended solids from water in many different applications and facility types.
- Housing made of high quality cast-iron coated inside and outside with corrosion resistant Rilsan®.
- Filter screens made of stainless steel.
- Sight glass on both sides of the JRSF (cold water).
- Two filtration chambers each equipped with one fitted screen.
- Multi-way valve with hand lever to set operating and backwash positions, flush valve.
- Hygienic cleaning – no need to open the filter to backwash.
- Stainless steel sieves available in variety of sizes, depending on the application:
 - JRSF (cold water) – 30, 100, 320, 500 and 1000 microns
 - JRSF-HW (hot water) – 100, 320 and 500 microns.
- Female threaded connection according to DIN 10226-1.



Technical Data

Type JRSF (cold water), JRSF-HW (hot water) Pipe Size	JRSF 1"	JRSF 1 1/4"	JRSF 1 1/2"	JRSF 2"	JRSF 3"	JRSF 4"
Max. flow rate - m ³ /h (gpm)	5 (22.0)	6 (26.4)	14 (61.6)	15 (66.0)	33 (145.3)	51 (224.5)
Min./Max. operating pressure - psi (kPa) Type JRSF/ JRSF-HW	22 - 145 (150 - 1000)	22 - 145 (150 - 1000)	22 - 145 (150 - 1000)	22 - 145 (150 - 1000)	22 - 145 (150 - 1000)	22 - 145 (150 - 1000)
Pressure loss after backwash - psi (kPa)	2.9 (20)	2.9 (20)	2.9 (20)	2.9 (20)	2.9 (20)	2.9 (20)
Standard mesh size for JRSF - mm (microns)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)
Standard mesh size for JRSF-HW - mm (microns)	0.32 (320)	0.32 (320)	0.32 (320)	0.32 (320)	0.32 (320)	0.32 (320)
Max. water temperature - °C (°F) Type JRSF	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)
Max. water temperature - °C (°F) Type JRSF-HW	90 (194)	90 (194)	90 (194)	90 (194)	90 (194)	90 (194)
Weight approximate - kg (lbs)	7 (15.4)	7 (15.4)	12 (26.5)	12 (26.5)	40 (88.2)	52 (114.6)
Order No. JRSF (cold water)	8030081	8030082	8030076	8030070	8102022	8102023
Order No. JRSF-HW (hot water)	8050092	8050093	8050086	8050087	8102032	8102033

Installation Dimensions



Type JRSF (cold water), JRSF-HW (hot water) Pipe Size	JRSF 1"	JRSF 1 1/4"	JRSF 1 1/2"	JRSF 2"	JRSF 3"	JRSF 4"
A Installation length - mm (inches)	190 (7.5)	190 (7.5)	233 (9.2)	233 (9.2)	370 (14.6)	413 (16.3)
B Unit width - mm (inches)	115 (4.5)	115 (4.5)	135 (5.3)	135 (5.3)	225 (8.9)	225 (8.9)
C Height above pipe center - mm (inches)	115 (4.5)	115 (4.5)	155 (6.1)	155 (6.1)	210 (8.3)	230 (9.1)
D Height below pipe center - mm (inches)	95 (3.7)	95 (3.7)	130 (5.1)	130 (5.1)	245 (9.6)	300 (11.8)
G Connection dimension for waste water - mm (inches)	1/2"	1/2"	3/4"	3/4"	1"	1 1/4"
Order No. JRSF (cold water)	8030081	8030082	8030076	8030070	8102022	8102023
Order No. JRSF-HW (hot water)	8050092	8050093	8050086	8050087	8102032	8102033

JUDO PROFI and PROFIMAT

JUDO's PROFI and PROFIMAT series were the first self-cleaning backwash point-of-entry water filtration systems of their kind to receive CSA and NSF 61 approval and certification for domestic potable water supplies in North America!

The PROFI allows water to flow and filter through a stainless steel sieve, which traps and retains coarse and fine grain particulates and physical impurities until the backwash is initiated. During backwash, there is NO interruption to the building's water supply or to the filtration process. Due to the working principals of the patented backwash point-rotation system water continues to be filtered even during a backwash cycle. The PROFI has a Manual (M) backwash operation and is available in pipe sizes ranging from 3/4" to 8".

Specifications:

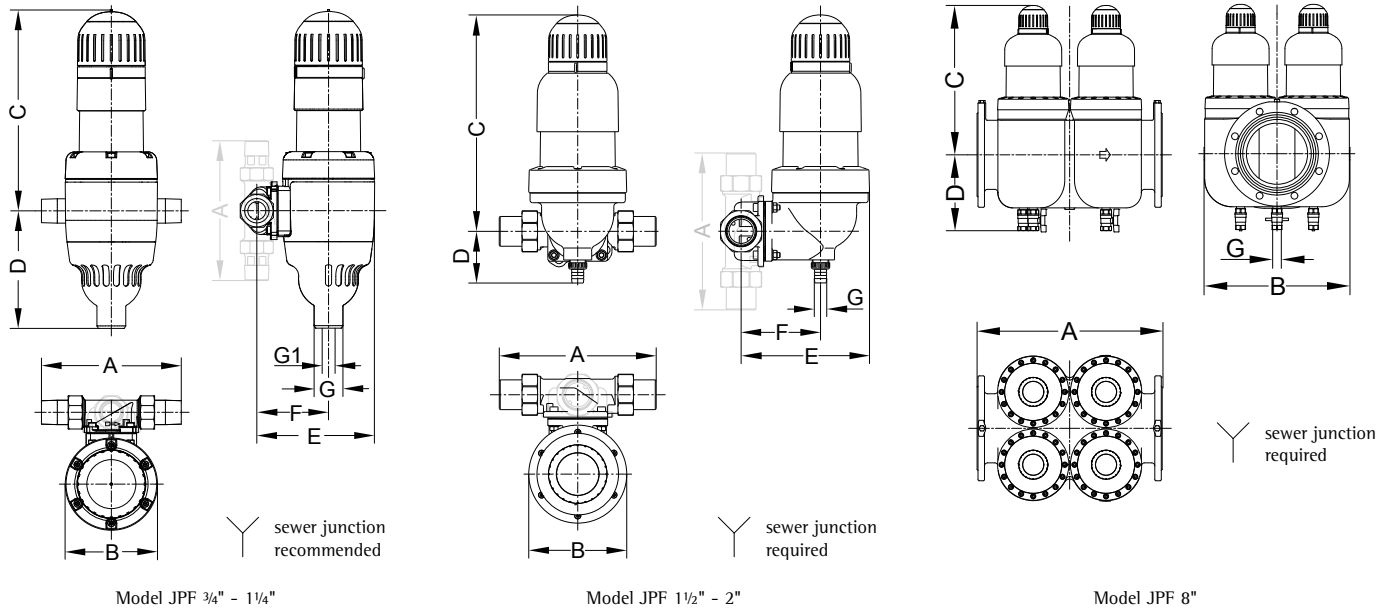
- For cold water applications up to a maximum water temperature of 30°C (86°F).
- Water pressure between 22 - 150 psi.
- No cartridge replacement necessary!
- Upper housing made of high-grade polymer based materials and bottom housing made of high-grade cast-iron coated with Rilsan®.
- Patented quick-mounting device for easy pipe installation. Vertical and horizontal pipe installation for sizes 3/4" - 2"; horizontal pipe only for sizes 2 1/2" - 8".
- Backwash process using JUDO's patented point-rotation-system without interruption to the water supply or filtration process.
- Equipped with a clear sight-glass to view filtration, direct build-up and backwash functions.
- Simultaneous cleaning of sight-glass during backwash process.
- Threaded connection (3/4" to 2") according to ASME/ANSI B1.20.1. Flanged connection (3" to 8") according to ASME/ANSI B16.1.
- Run backwash flush connection to nearest hub drain using an indirect connection.
- Manual backwash by rotating top hand wheel.
- Battery powered (AAA x 2) audible backwash reminder alarm (3/4" - 1 1/4" models only).
- Filtration through 100 micron stainless screen filter screen (also available in 30, 320 and 500 microns).



Technical Data

Type PROF1 Pipe Size	JPF 3/4"	JPF 1"	JPF 1 1/4"	JPF 1 1/2"	JPF 2"	JPF 3"	JPF 4"	JPF 6"	JPF 8"
Max. flow rate - m ³ /h (gpm)	4 (17.5)	4.5 (20)	5.5 (24)	16 (70)	17 (75)	50 (220)	70 (308)	150 (660)	200 (880)
Min./Max. operating pressure - psi (kPa)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)
Pressure loss after backwash - psi (kPa)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)
Standard mesh size - mm (microns)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)
Maximum ambient temperature - °C (°F)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)
Maximum water temperature - °C (°F)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)
Weight approximate - kg (lbs)	4 (8.8)	4 (8.8)	4 (8.8)	10 (22)	10 (22)	29 (63.9)	31 (68.3)	137 (302)	185 (408)
Order No.	8010110	8010111	8010135	8010136	8010137	8010117	8010139	8290016	8290017

Installation Dimensions



Type PROF1 Pipe Size	JPF 3/4"	JPF 1"	JPF 1 1/4"	JPF 1 1/2"	JPF 2"	JPF 3"	JPF 4"	JPF 6"	JPF 8"
A Installation length - mm (inches)	180 (7.0)	195 (7.5)	230 (9.0)	252 (9.9)	280 (11)	320 (12.5)	320 (12.5)	560 (22)	600 (23.6)
B Unit width - mm (inches)	130 (5.1)	130 (5.1)	130 (5.1)	158 (6.2)	158 (6.2)	231 (9.1)	231 (9.1)	468 (18.4)	473 (18.6)
C Height above pipe center - mm (inches)	280 (11.0)	280 (11.0)	280 (11.0)	348 (13.7)	348 (13.7)	419 (16.5)	426 (16.8)	469 (18.5)	485 (19.1)
D Height below pipe center - mm (inches)	165 (6.5)	165 (6.5)	165 (6.5)	84 (3.3)	84 (3.3)	172 (6.8)	182 (7.2)	215 (8.5)	246 (9.7)
E Depth to pipe center - mm (inches)	165 (6.5)	165 (6.5)	170 (6.7)	207 (8.1)	215 (8.5)				
F Waste water connection center to pipe center - mm (inches)	100 (3.9)	100 (3.9)	105 (4.1)	128 (5.0)	136 (5.4)				
G Connection dimension for waste water - mm (inches)	40 (1.5)	40 (1.5)	40 (1.5)	20 (0.8)	20 (0.8)	3/4"	3/4"	3/4"	3/4"
G1 Connection dimension for waste water (alternate) - mm (inches)	14 (0.6)	14 (0.6)	14 (0.6)						
Order No.	8010110	8010111	8010135	8010136	8010137	8010117	8010139	8290016	8290017

JUDO PROFIMAT

JUDO's PROFI and PROFIMAT series were the first self-cleaning backwash point-of-entry water filtration systems of their kind to receive CSA and NSF 61 approval and certification for domestic potable water supplies in North America!

The PROFIMAT is available in with two different backwash operation systems Automatic Time Actuated (AT) or Automatic Time and Pressure Differential Actuated (ATP). Both versions allow water to flow and filter through a stainless steel sieve, which traps and retains coarse and fine grain particulates and physical impurities until the backwash is initiated. During backwash, there is NO interruption to the building's water supply or to the filtration process due to the working principals of the patented backwash point-rotation-system allowing water to be filtered even during a backwash cycle. The PROFIMAT is available in pipe sizes ranging from 3/4" to 8".



Model JPF-ATP 3/4" - 1 1/4"



Model JPF-ATP 1 1/2" - 2"



Model JPF-ATP 4"



Model JPF-ATP 8"

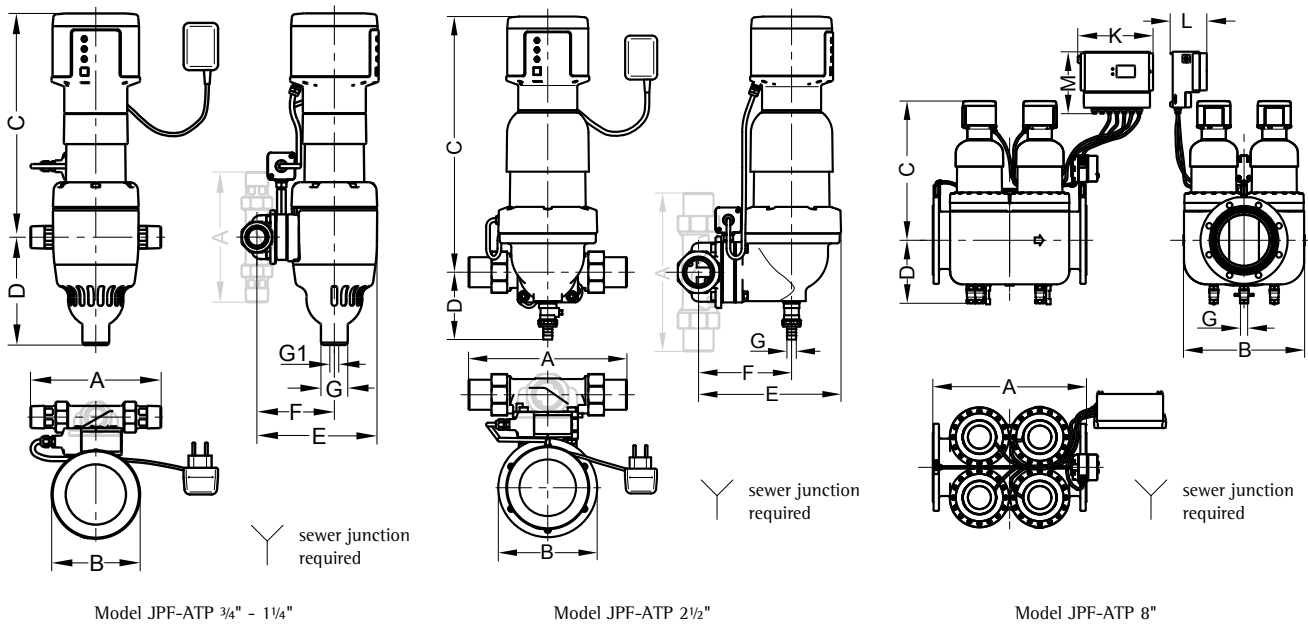
Specifications:

- For cold water applications up to a maximum water temperature of 30°C (86°F).
 - Water pressure between 22 - 150 psi.
 - No cartridge replacement necessary!
 - Upper housing made of high-grade polymer based materials and bottom housing made of high-grade cast-iron coated with Rilsan®.
 - Patented quick-mounting device for easy pipe installation. Vertical and horizontal pipe installation for sizes 3/4" - 2"; horizontal pipe only for sizes 2 1/2" - 8".
 - Backwash process using JUDO's patented point-rotation-system without interruption to the water supply or filtration process.
 - Equipped with a clear sight-glass to view filtration, direct build-up and backwash functions.
 - Simultaneous cleaning of sight-glass during backwash process.
 - Threaded connection (3/4" to 2") according to ASME/ANSI B1.20.1. Flanged connection (3" to 8") according to ASME/ANSI B16.1.
 - Run backwash flush connection to nearest hub drain using an indirect connection.
 - Automatic backwash generated by a time actuated relay (AT, ATP) with adjustable range settings for 4 hours/8 hours/24 hours/weekly/monthly. Able to set range on 5" - 8" units from 1 hour - 2,000 hours.
 - Adjustable differential pressure control setting with M override button (ATP). For pipe sizes 3/4" - 4" settings 0.9 - 9 psi; pipe sizes 5" - 8" settings 0 - 26 psi.
 - Electronic control with LED display indicators for operation, alarm fault buzzer and manual over-ride button for backwash start-up.
 - 3-prong duplex box outlet with GFI required for plug-in transformer.
 - Filtration through 100 micron stainless screen filter screen (also available in 30, 320 and 500 microns).
- JPF-ATP 5" - 8":
- Filter is equipped with two potential-free output dry contact remote transmissions for building automation systems. Maximum load current 1A; Maximum switching voltage 24 V.

Technical Data

Model PROFIMAT Pipe Size	JPF-ATP 3/4"	JPF-ATP 1"	JPF-ATP 1 1/4"	JPF-ATP 1 1/2"	JPF-ATP 2"	JPF-ATP 3"	JPF-ATP 4"	JPF-ATP 6"	JPF-ATP 8"
Max. flow rate - m ³ /h (gpm)	4 (17.5)	4.5 (20)	5.5 (24)	16 (70)	17 (75)	50 (220)	70 (308)	150 (660)	200 (880)
Min./Max. operating pressure - psi (kPa)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)
Pressure loss after backwash - psi (kPa)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)	3 (20)
Standard mesh size - mm (microns)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)	0.1 (100)
Max. ambient temperature - °C (°F)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)
Maximum water temperature - °C (°F)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)	30 (86)
Weight approximate - kgs (lbs)	5.7 (12.6)	5.0 (11.0)	5.6 (12.3)	11.5 (25.4)	11.5 (25.4)	30.5 (67.2)	33.5 (73.9)	145 (320)	200 (441)
Order No.	8020220	8020221	8020273	8020243	8020274	8020210	8020211	8025025	8320015

Installation Dimensions



Model PROFIMAT Pipe Size	JPF-ATP 3/4"	JPF-ATP 1"	JPF-ATP 1 1/4"	JPF-ATP 1 1/2"	JPF-ATP 2"	JPF-ATP 3"	JPF-ATP 4"	JPF-ATP 6"	JPF-ATP 8"
A Installation length - mm (inches)	180 (7.0)	195 (7.5)	230 (9.0)	252 (9.9)	280 (11.0)	320 (12.5)	320 (12.5)	560 (22)	600 (23.6)
B Unit width - mm (inches)	133 (5.2)	133 (5.2)	133 (5.2)	158 (6.2)	158 (6.2)	231 (9.1)	231 (9.1)	468 (18.4)	473 (18.6)
C Height above pipe center - mm (inches)	334 (13.1)	334 (13.1)	334 (13.1)	402 (15.8)	402 (15.8)	520 (20.5)	529 (20.8)	529 (20.8)	544 (21.4)
D Height below pipe center - mm (inches)	161 (6.3)	161 (6.3)	161 (6.3)	84 (3.3)	84 (3.3)	172 (6.8)	182 (7.2)	215 (8.5)	246 (9.7)
E Depth to pipe center - mm (inches)	181 (7.1)	181 (7.1)	181 (7.1)	227 (8.9)	235 (9.6)			100 (4)	100 (4)
F Waste water connection center to pipe center - mm (inches)	117 (4.6)	117 (4.6)	117 (4.6)	148 (5.8)	156 (6.1)			105 (4.2)	105 (4.2)
G Connection dimension for waste water - mm (inches)	40 (1.5)	40 (1.5)	40 (1.5)	20 (0.8)	20 (0.8)	20 (0.8)	20 (0.8)	20 (0.8)	20 (0.8)
G1 Connection dimension for waste water (alternate) - mm (inches)	14 (0.5)	14 (0.5)	14 (0.5)						
K Control unit width - mm (inches)								300 (11.8)	300 (11.8)
L Control unit depth - mm (inches)								160 (6.3)	160 (6.3)
M Control unit height - mm (inches)								250 (9.8)	250 (9.8)
Order No.	8020220	8020221	8020273	8020243	8020274	8020210	8020211	8025025	8320015

All water in a heating loop should carry is heat!

Our standard drinking water supply is not the best of mediums for heat transfer applications. Air, grit, sand and rust particles carried into the loop with the water supply result in increased energy consumption, noise within the system and damage to the heat exchangers and circulation pumps.

Damage caused in the systems is often not apparent until it is too late so it is definitely a case of being safe, not sorry here!



JUDO FERROCLEAN

Deposits of iron sludge (magnetite) that occur in heating and cooling systems can cause system breakdowns resulting in higher energy consumption and increased maintenance costs.

Magnetic suspended iron sludge is trapped in the system via the use of high-performance magnet rod assemblies. The sludge is removed by deactivating the magnets and performing a simple wash-down/rinse-out process. An additional integrated magnesium anode rod ensures that any oxygen in the heat transfer fluid is bound aiding in the corrosion inhibition process. A simple wash-down/rinse-out process occurs when the magnetic rod is removed from its protective sleeve.

When the FERROCLEAN is installed directly upstream from the system that you wish to protect (e.g. boiler, heat exchangers or refrigeration unit) optimal results are achieved.

The FERROCLEAN is environmentally friendly, sustainable design, simple operation and has no moving parts.



Model JFS

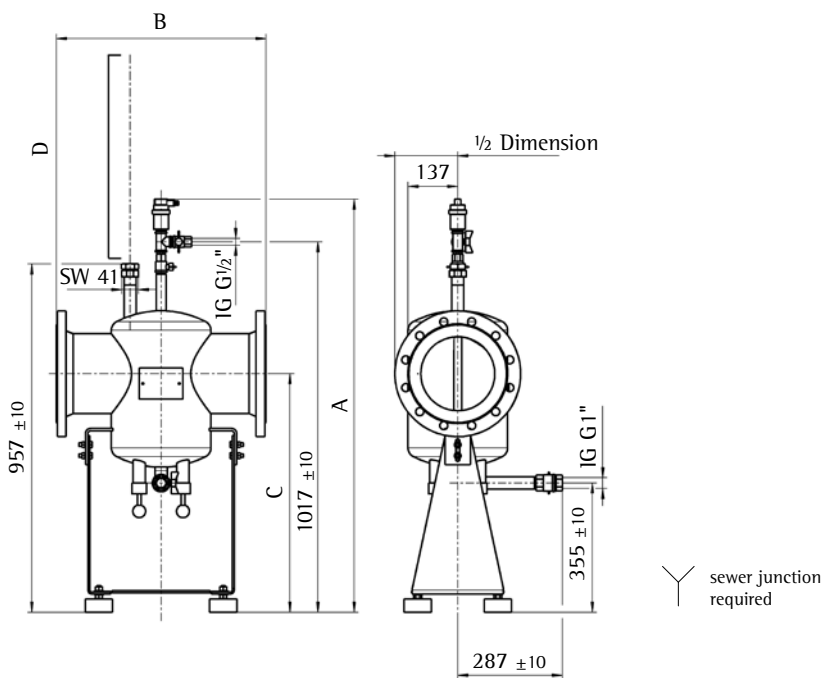
Specifications:

- For use in heating and cooling systems with a water temperature range from 6°C (43°F) up to 130°C (266°F).
- Maximum water pressure of 145 psi (1000 kPa).
- No filter to replace.
- Accommodates system pipe diameters from 2½" – 8".
- Housing made of high-grade welded steel complete with flanged connections and floor mounted supports.
- One (1) integrated automatic air-venting valve to allow removal of harmful gases.
- One (1) magnesium anode.
- Installation inline or side stream, dependent on the operation.
- Equipped with a 25 mm (1") valve connection for wash-down/rinse-out discharge and ½" hose-bib threaded valve connection for raw-water make-up and/or optional Wash-down/Rinse-out water supply.
- Wash-down/Rinse-out by way of intrinsic water or by way of integrated raw water.
- Flanged connections according to ASME/ANSI B16.1.
- Optional insulation jacket available to provide maximum energy efficiency.

Technical Data

Model FERROCLEAN Pipe Size	JFS 2 1/2"	JFS 3"	JFS 4"	JFS 6"	JFS 8"
Max. flow rate - m ³ /h (gpm)	12 (52.8)	17 (74.8)	30 (132.1)	80 (352.2)	130 (572.4)
Maximum operating pressure - psi (kPa)	145 (1000)	145 (1000)	145 (1000)	145 (1000)	145 (1000)
Pressure loss - psi (kPa)	0.02 (0.12)	0.03 (0.18)	0.03 (0.22)	0.06 (0.40)	0.07 (0.50)
Max. operating temperature - °C (°F)	130 (266)	130 (266)	130 (266)	130 (266)	130 (266)
Weight approximate - kgs (lbs)	42 (92.6)	46 (101.4)	48 (105.8)	58 (127.9)	62 (136.7)
Order No.	8055070	8055071	8055072	8055074	8055075
Order No. Insulation jacket	8057501	8057502	8057503	8057505	8057506

Installation Dimensions



Model FERROCLEAN Pipe Size	JFS 2 1/2"	JFS 3"	JFS 4"	JFS 6"	JFS 8"
B Unit width - mm (inches)	575 (22.6)	575 (22.6)	575 (22.6)	575 (22.6)	575 (22.6)
C Height to pipe connection - mm (inches)	655 (25.8)	655 (25.8)	655 (25.8)	655 (25.8)	655 (25.8)
A Unit height - mm (inches)	1135 (44.7)	1135 (44.7)	1135 (44.7)	1135 (44.7)	1135 (44.7)
D Space required for removal of anode - mm (inches)	500 (19.7)	500 (19.7)	500 (19.7)	500 (19.7)	500 (19.7)
Order No.	8055070	8055071	8055072	8055074	8055075

JUDO HEIFI-TOP

Suspended solids, sludge and oxygen within heating and cooling loops can lead to malfunctions, corrosion, and reduced output within a system.

The HEIFI-TOP backwash sediment filter traps and retains suspended impurities and particulates in heating and cooling systems. Simultaneously, the system removes oxygen via an integrated air separator and releases it through a built-in automatic air-venting valve that operates without the use of chemicals!

The HEIFI-TOP is environmentally friendly and easy to operate. A regular backwash eliminates trapped impurities in the unit while the system continues to perform its functions. The result? Improved heat transfer, reduced risk of corrosion and premature failure of system components such as piping, fittings, valves, regulators and pumps.

HEIFI-TOP is available in pipe sizes from 3/4" to 2".



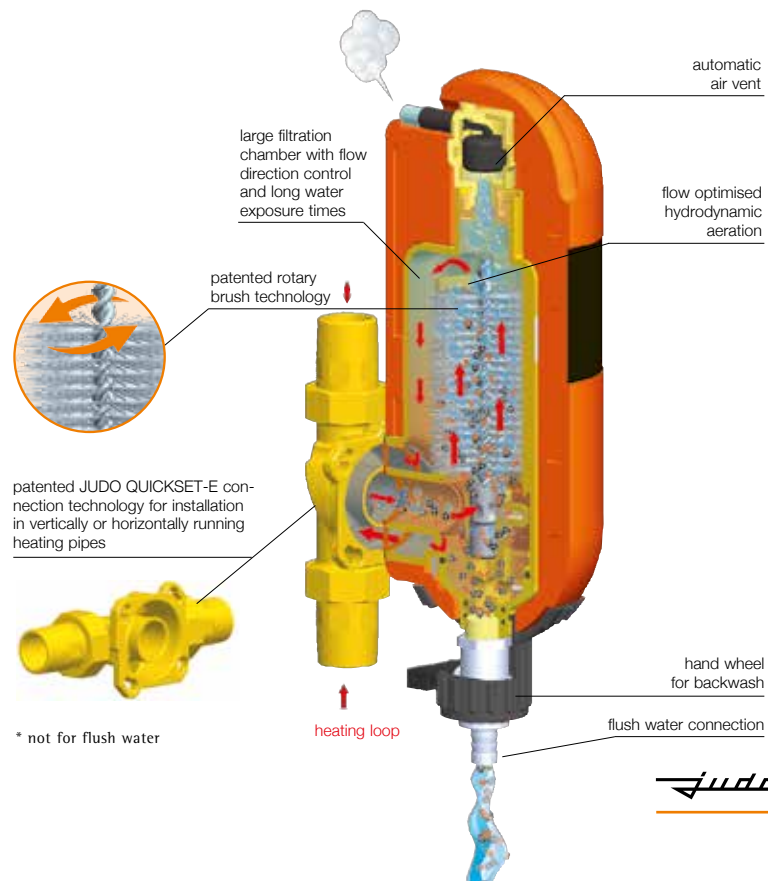
Model JHF-T 3/4" - 1 1/4"



Model JHF-T 1 1/2" - 2"

Specifications:

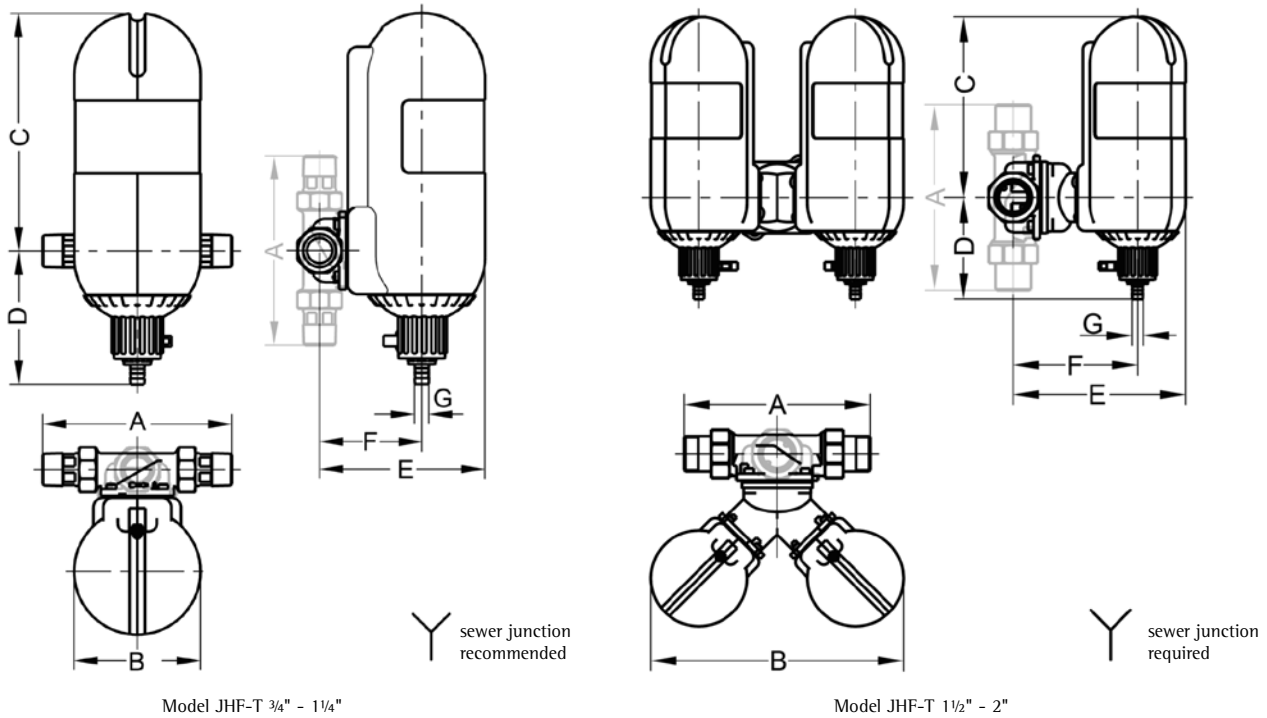
- For use in heating and cooling systems up to a water temperature of 90°C (194°F).
- Water pressure between 22 - 150 psi.
- Housing made of high-grade brass.
- Filter element and air separator made of stainless steel.
- Backwash assembly made of polymer based materials.
- Styrofoam shell covering for insulation.
- Permanent cylindrical brush constructed of 10,000 stainless steel bristles.
- Equipped with an automatic air-venting device and hand valve to select operation and/or backwash positions.
- A patented quick-mount device for easy installation in both horizontal and vertical flow directions.
- Threaded connection according to ASME/ANSI B1.20.1.



Technical Data

Model HEIFI-TOP Pipe Size	JHF-T 3/4"	JHF-T 1"	JHF-T 1 1/4"	JHF-T 1 1/2"	JHF-T 2"
Max. flow rate - m ³ /h (gpm)	2.0 (8.8)	3.0 (13.2)	4.0 (17.6)	6.0 (26.4)	8.0 (35.2)
Min./Max. operating pressure - psi (kPa)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)	22 - 150 (150 - 1034)
Pressure loss after backwash - psi (kPa)	0.9 (6.0)	1.5 (10.0)	2.6 (18.0)	1.5 (10.0)	2.6 (18.0)
Max. water temperature - °C (°F)	90 (194)	90 (194)	90 (194)	90 (194)	90 (194)
Weight approximate - kgs (lbs)	4.8 (10.6)	5.0 (11.0)	5.5 (12.1)	13.8 (30.4)	12.0 (26.5)
Order No.	8060053	8060054	8060055	8060056	8060057

Installation Dimensions



Model HEIFI-TOP Pipe Size	JHF-T 3/4"	JHF-T 1"	JHF-T 1 1/4"	JHF-T 1 1/2"	JHF-T 2"
A Installation length - mm (inches)	180 (7.1)	195 (7.7)	230 (9.1)	280 (11.0)	280 (11.0)
B Unit width - mm (inches)	130 (5.1)	130 (5.1)	130 (5.1)	342 (13.5)	342 (13.5)
C Height above pipe center - mm (inches)	245 (9.6)	245 (9.6)	245 (9.6)	245 (9.6)	245 (9.6)
D Height below pipe center - mm (inches)	138 (5.4)	138 (5.4)	138 (5.4)	138 (5.4)	138 (5.4)
E Depth to pipe center - mm (inches)	170 (6.7)	170 (6.7)	176 (6.9)	240 (9.4)	240 (9.4)
F Waste water connection center to pipe center - mm (inches)	104 (4.1)	104 (4.1)	110 (4.3)	174 (6.8)	179 (7.0)
G Connection dimension for waste water - mm (inches)	12.5 (0.5)	15 (0.6)	15 (0.6)	15 (0.6)	15 (0.6)
Order No.	8060053	8060054	8060055	8060056	8060057

There are some things you want in your water supply... And also things you don't!

Wherever water is heated calcium deposits inevitably turn up presenting an ongoing hazard for your household appliances, heat exchangers and fittings. We all know all too well how costly repairs due to calcium deposits, leaky valves and blocked pipes can be.

The dangers presented by bacterial growth should not be underestimated here either. Bacteria are very fond of colonising badly maintained heat exchangers or pipes with long periods of water stagnation.

Ensure both your building and your pocket book get the protection they deserve by using one appliance that does justice to both!





JUDO BIOSTAT-COMBIMAT

The Biostat-Combimat is JUDO's solution to both lime scale deposits and hygiene.

Over time, lime scale in water can form deposits on the internal walls of pipes and cause damage to hot water heaters and domestic appliances. Eventually the water flow becomes restricted culminating in pipe break-downs and in the case of hot water heaters, elevated energy costs when the thermal transfer is reduced. Available with 3/4" and 1" pipe sizes. Unit includes scale protection and a second anode for added hygienic protection.

The Biostat-Combimat reduces the tendency of water to precipitate out excess calcium and thus protects the water pipes, appliances and water heaters from lime deposits.



Model BST-CA

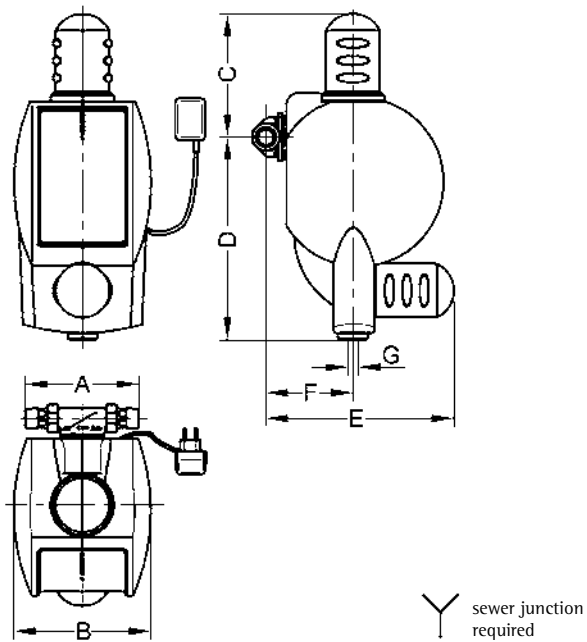
Specifications:

- Scale protection and hygiene unit for cold water applications up to a maximum water temperature of 30°C (86°F).
- Water pressure between 22 – 116 psi.
- High quality cast-iron housing PN 10.
- Integrated water meter.
- Electrolytic operating and patented seed-crystal generator with microprocessor-regulated current.
- Two variable speed motors for the automatic cleaning of the cathode and the removal of surplus scale.
- Light-emitting diodes to indicate service and operation status.
- Built in rotary flange with patented bayonet-connector with screw connection and mounting lid.
- Power supply unit (120 V/60 Hz).
- Threaded connection according to ANSI/ASME B1.20.1.

Technical Data

Model BIOSTAT-COMBIMAT Pipe Size	BST-CA 3/4"	BST-CA 1"
Max. flow rate - m ³ /h (gpm)	6.6 (25)	11 (41.6)
Min./Max. operating pressure - psi (kPa)	22 - 116 (150 - 800)	22 - 116 (150 - 800)
Pressure loss after backwash - psi (kPa)	5.8 (40)	5.8 (40)
Max. operating and water temperature - °C (°F)	30 (86)	30 (86)
Max. power consumption - W	25	25
Electrical connection - V/Hz	120 V/60 Hz	120 V/60 Hz
Weight approximate - kgs (lbs)	7 (15.4)	7.3 (16.1)
Order No.	8210409	8210407

Installation Dimensions



Model BST-CA

Model BIOSTAT-COMBIMAT Pipe Size	BST-CA 3/4"	BST-CA 1"
A Installation length - mm (inches)	195 (7.7)	195 (7.7)
B Unit width - mm (inches)	230 (9.0)	230 (9.0)
C Height above pipe center - mm (inches)	210 (8.3)	210 (8.3)
D Height below pipe center - mm (inches)	340 (13.4)	340 (13.4)
E Depth to pipe center - mm (inches)	320 (12.6)	320 (12.6)
F Waste water connection center to pipe center - mm (inches)	150 (5.9)	150 (5.9)
G Connection dimension for waste water - mm (inches)	15 (0.6)	15 (0.6)
Order No.	8210409	8210407

Other JUDO Products available:

For detailed information on other JUDO products, please visit our website www.judo-online.com, or contact JUDO Water Treatment Inc. (info@judo-online.com).

FIMAT-AT

Self-cleaning backwash water filter with automatic time actuated backwash operation (see page 8 for details). The FIMAT-AT is available in pipe sizes 1½" and 2". Time actuated backwash is also included in ATP-version from 1½" - 2".

JUKO-LF

Self-cleaning back-washable water filters/strainer with pressure reducer for cold water applications up to a maximum water temperature of 30°C (86°F), operating pressure of 22 – 150 psi. Available in pipe sizes ranging from ¾" – 1¼".

JU-WEL

Wellness Line of JUDO products that are a source of energy to improve vitality and harmony through the healing process of stones (Amethyst, Rock Crystals and Rose Quartz).

Products include:

JU-WEL Amethyst to strengthen the general condition and relieve pain caused by nervousness, tension, stress, restlessness and insomnia.

JU-WEL Compact, a point-of-use drinking water filter installed under the sink. Works with Amethyst, Rock Crystals and Rose Quartz.

JU-WEL Trio contains three types of crystals (Amethyst, Rock Crystals and Rose Quartz) to fortify your general condition, relieve pain, energize and stimulate your body.

PROFIMAT-AT

Self-cleaning water filter with automatic time actuated backwash operation (see page 12 for details). The PROFIMAT-AT is available in pipe sizes ranging from ¾" – 4". Time actuated backwash is also included in ATP-version from ¾" - 8".



Model JFXL-AT 1½" - 2"



Model JUKO-LF ¾" - 1¼"



Model JUW-A



Model JUW-CO

PROMI

A self-cleaning water filter/strainer with pressure reducer with manual backwash operation. For cold-water applications up to a maximum water temperature of 30°C (86°F), operating pressure of 22 – 145 psi. Available in pipe sizes ranging from 3/4" – 2".

PURE@TAP

The PURE@TAP Drinking Water System is a space saving point-of-use unit that provides drinking water with highly reduced levels of contaminants yet retains the natural minerals to make the water healthy. JUDO designer faucets are also available.

SPEEDY-LF

A point-of-entry self-cleaning water filters/strainers with manual back-wash operation, For cold water applications up to a maximum water temperature of 30°C (86°F), operating pressure of 22 – 145 psi.

NOTE: some of our FEATURED products are available through special order with 2½" and 5" pipe sizes.



Model JPF-AT 3/4" - 1 1/4"



Model JPM 3/4" - 1 1/4"



Model PURE@TAP



Model JSY-LF 3/4" - 1 1/4"

GENERAL TERMS AND CONDITIONS OF SALE FOR U.S.A., CANADA AND MEXICO

(Version 2.0/150314)

Unless otherwise agreed to in writing, all products ("goods") sold by JUDO Water Treatment Inc. ("JUDO") to its customers are sold only on the terms and conditions set out below.

Credit approval:

All new clients will be required to apply for adequate credit approval through JUDO.

Pricing and Transfer of Title:

Prices quoted are valid for 60 days unless otherwise specified in writing.

Prices quoted in the following currencies: Canadian pricing for sales in Canada, US pricing for the United States of America and Mexico. Unless otherwise specified in writing, transfer of title and risk of loss shall pass to customer at the FCA point, being JUDO's distribution centre in Toronto, Canada. Pricing, quotations and specifications are subject to change without prior notice unless fixed to a specific validity, at time of quotation. Unless otherwise specified in writing, JUDO has the right to change the price, freight allowance or terms of payment specified herein, provided JUDO has given purchaser at least thirty (30) days prior written notice of any such change.

Terms of payment:

Where credit has been accepted, terms of payment available for deliveries are: 30 days net 15 days 2 % discount. In all other cases, payment is to be made in advance or in accordance with the terms of individual agreements.

Taxes:

All taxes and levies, local, national or international are for the purchaser's account. Purchaser's claiming exemptions are required to provide proper and satisfactory documentation in advance.

Deliveries:

Delivery dates as quoted by JUDO are estimates. Whereas JUDO will make commercially reasonable efforts to honour delivery dates, JUDO assumes no liability for late deliveries or the consequences arising therefrom.

Return of Goods:

Unless otherwise covered by separate agreement, no goods may be returned to JUDO without its prior written permission. For FEATURED products, a restocking charge of 10% of the invoiced value is applicable for all goods returned. Goods must be returned unused, unopened and in their original packaging. For FEATURED products that are returned opened, unused, non-featured products, and all parts, a restocking charge of 25 % of the invoiced value is applicable for all goods returned.

Costs of transport for returned goods are for the purchaser's account. Returned goods without an RGA number will not be accepted. No return on prior goods that are discounted or out of production.

Order cancellations:

Orders may only be cancelled with prior agreement of JUDO. A cancellation fee reflecting work already carried out in processing the order to the time of the cancellation will be charged.

Allocation:

If for any reason, JUDO is unable to supply any or the total demand for the goods specified herein, JUDO may, in its sole discretion, distribute its available supply of goods among its customers as it sees fit. JUDO shall have no obligation to purchase supplies of the goods from third parties to enable it to perform its obligations to the purchaser.

Warranties:

Subject to any earlier expiry date noted on the goods or any component thereof, JUDO warrants that the goods delivered hereunder will be free from defects in material or workmanship for a period of 12 months from the date of installation. This warranty is valid for the initial installation of the product only, and shall be void if the product (i) has been moved from its initial place of installation, (ii) has been subjected to faulty maintenance, abuse, misuse, accident or other damages, (iii) was not installed in accordance with JUDO instructions, (iv) has been modified in a manner inconsistent with the goods as shipped by JUDO, or (v) was not purchased direct from JUDO or one of its authorized distributors. JUDO's obligations under this warranty are limited to the repair or replacement at its factory, of any device or part thereof which shall have been proven defective. If JUDO is requested to replace defective parts at the place of first installation, JUDO, at its option, may agree to such request, provided, however, that its travelling time, expenses and estimated labour are paid for in advance by such end-user. JUDO's option to repair or exchange the product under this warranty does not cover any labour or other costs of removal or installation, nor shall JUDO be responsible for any other incidental or consequential damages attributable to a product defect or to the repair or exchange of a defective product, all of which are expressly excluded from this warranty.

THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER REPRESENTATIONS, WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OTHER THAN THOSE HEREIN CONTAINED.

ORIGINAL PROOF OF PURCHASE IS REQUIRED FOR ALL WARRANTY CLAIMS.

Indemnification:

Purchaser will defend, indemnify and hold harmless JUDO against all claims, loss, liability, damages and expenses on account of any damage to property or injury or death of persons caused by or arising out of purchaser's distribution, storage, handling, use, or disposal of goods or caused by or arising out of any breach of contract, fundamental or otherwise or caused by or arising out of any tortious acts or omissions or negligence or from any applicable statutory provision or otherwise.

Limitation of Liability:

The liability of JUDO for damages is limited to the purchase price of the goods in respect of which damages are claimed. The remedy herein provided shall be the exclusive and sole remedy of the purchaser, and in no event shall JUDO be liable for any other damages (including, without limitation, incidental, consequential or special damages of any kind, however caused), whether not resulting from its negligence.

Technical Assistance:

At purchaser's request, JUDO may furnish such technical assistance and information as it has available with respect to the use of goods and purchaser assumes sole responsibility for results obtained in reliance thereon. The furnishing of such technical assistance and information shall be governed by the provisions of this section and no claim or action may be founded on any negligence of JUDO in furnishing such assistance and information, the accuracy of which, purchaser will confirm independently.

General:

(a) Waiver by either party of any breach or default by the other hereunder shall not be deemed a waiver by any such party of any breach or default by the other which may thereafter occur.

(b) These terms, including, if applicable, any other written agreement signed by both JUDO and customer to which these terms may be attached, contain all the conditions with respect to the purchase and sale of goods sold hereunder. These conditions supersede any previous documentation or communication between the parties and no modifications thereof shall be binding on JUDO unless specifically contracted in writing and agreed to by an authorized representative of JUDO. **No modifications shall be effected by the acknowledgement or acceptance of purchase order forms or any other documents containing different conditions.** If any of the provisions of these conditions are invalid, ineffective or prohibited by any law (federal, provincial or otherwise), such provisions shall be deemed severed from these terms to the extent of such prohibition without invalidating the remaining provisions hereof which shall remain binding upon the parties hereto.

(c) Sales hereunder shall enure to the benefit of, and be binding upon, the successors in business of the parties hereto but shall not otherwise be transferable or assignable in whole or in part without JUDO's prior written consent.

(d) The parties agree that the Sales of Goods Act (Ontario) and the United Nations Convention on Contracts for the International Sales of Goods, or any amendment thereto, shall not apply to the sale of goods.

(e) Notwithstanding section (d) above, this agreement shall be construed in accordance with the laws of Ontario and the parties agree that the courts of Ontario shall have jurisdiction.

(f) The parties hereto acknowledge that they have expressly requested and are satisfied that these terms be drawn up in English.

NOTE 1:

While JUDO does retain an inventory of FEATURED products for immediate delivery, it is recommended that you forward your Purchase Orders early so that we can ensure that the products you require are available to meet your schedule. For additional information, see Deliveries and Allocation. Non-FEATURED items are considered special orders and may take 4 – 8 weeks to be manufactured and delivered.

NOTE 2:

JUDO has the right to make changes to products without prior notification. Products may therefore not be exactly as shown.

PRODUCT INDEX

PRODUCT	TYPE	SIZE	FILTER	ORDER NO.	PAGE
BIOSTAT-COMBIMAT	Auto	3/4"	n/a	8210409	26-27
BIOSTAT-COMBIMAT *	Auto	1"	n/a	8210407	26-27
BIOSTAT-COMBIMAT	Auto	1 1/2"	n/a	8210408	-
EASY FILT-B	M	3/4"	100	8070646	-
EASY FILT-B *	M	1"	100	8070647	10
EASY FILT-B	M	1 1/4"	100	8070648	-
EASY FILT-DOS	M	3/4"	100	8215013	-
EASY FILT-DOS *	M	1"	100	8215014	11
EASY FILT-DOS	M	1 1/4"	100	8215015	-
FERROCLEAN *	M	2 1/2"	n/a	8055070	21-22
FERROCLEAN JACKET	Insulation	2 1/2"	n/a	8057501	21-22
FERROCLEAN *	M	3"	n/a	8055071	21-22
FERROCLEAN JACKET	Insulation	3"	n/a	8057502	21-22
FERROCLEAN *	M	4"	n/a	8055072	21-22
FERROCLEAN JACKET	Insulation	4"	n/a	8057503	21-22
FERROCLEAN	M	5"	n/a	8055073	-
FERROCLEAN JACKET	Insulation	5"	n/a	8057504	-
FERROCLEAN *	M	6"	n/a	8055074	21-22
FERROCLEAN JACKET	Insulation	6"	n/a	8057505	21-22
FERROCLEAN *	M	8"	n/a	8055075	21-22
FERROCLEAN JACKET	Insulation	8"	n/a	8057506	21-22
FIMAT	AT	1 1/2"	100	8020271	28
FIMAT	AT	2"	100	8020272	28
FIMAT	ATP	1 1/2"	100	8020275	12-13
FIMAT *	ATP	2"	100	8020230	12-13
FIMAT	M	1 1/2"	100	8020266	12-13
FIMAT *	M	2"	100	8020267	12-13
HEIFI-TOP	M	3/4"	n/a	8060053	23-24
HEIFI-TOP	M	1"	n/a	8060054	23-24
HEIFI-TOP *	M	1 1/4"	n/a	8060055	23-24
HEIFI-TOP	M	1 1/2"	n/a	8060056	23-24
HEIFI-TOP *	M	2"	n/a	8060057	23-24
JRSF	M	1"	100	8030081	14-15
JRSF *	M	1 1/4"	100	8030082	14-15
JRSF	M	1 1/2"	100	8030076	14-15
JRSF *	M	2"	100	8030070	14-15
JRSF	M	2 1/2"	100	8102021	-
JRSF	M	3"	100	8012022	14-15
JRSF	M	4"	100	8012023	14-15
JRSF	M	5"	100	8103035	-
JRSF	M	6"	100	8103036	-
JRSF	M	8"	100	8103037	-
JRSF-HW	M	1"	320	8050092	14-15
JRSF-HW *	M	1 1/4"	320	8050093	14-15
JRSF-HW	M	1 1/2"	320	8050086	14-15
JRSF-HW *	M	2"	320	8050087	14-15
JRSF-HW	M	2 1/2"	320	8102031	-
JRSF-HW *	M	3"	320	8102032	14-15
JRSF-HW *	M	4"	320	8102033	14-15
JUKO-LF	M	3/4"	100	8170280	28
JUKO-LF	M	1"	100	8170281	28
JUKO-LF	M	1 1/4"	100	8170282	28
JU-WEL-Amethyst	n/a	3/4"	n/a	8270035	28
JU-WEL-Amethyst	n/a	1"	n/a	8270036	28
JU-WEL-Amethyst	n/a	1 1/4"	n/a	8270037	28
JU-WEL Compact	n/a	1/4"	n/a	8270042	28

PRODUCT	TYPE	SIZE	FILTER	ORDER NO.	PAGE
JU-WEL Trio	n/a	3/4"	n/a	8270038	28
JU-WEL Trio	n/a	1"	n/a	8270040	28
JU-WEL Trio	n/a	1 1/4"	n/a	8270041	28
PROFI	M	3/4"	100	8010110	16-17
PROFI	M	1"	100	8010111	16-17
PROFI *	M	1 1/4"	100	8010135	16-17
PROFI	M	1 1/2"	100	8010136	16-17
PROFI *	M	2"	100	8010137	16-17
PROFI	M	2 1/2"	100	8010138	-
PROFI *	M	3"	100	8010117	16-17
PROFI *	M	4"	100	8010139	16-17
PROFI	M	5"	100	8290015	-
PROFI *	M	6"	100	8290016	16-17
PROFI *	M	8"	100	8290017	16-17
PROFIMAT	AT	3/4"	100	8020218	29
PROFIMAT	AT	1"	100	8020219	29
PROFIMAT	AT	1 1/4"	100	8020268	29
PROFIMAT	AT	1 1/2"	100	8020269	29
PROFIMAT	AT	2"	100	8020270	29
PROFIMAT	AT	2 1/2"	100	8025031	29
PROFIMAT	AT	3"	100	8025032	29
PROFIMAT	AT	4"	100	8025033	29
PROFIMAT	ATP	3/4"	100	8020220	18-19
PROFIMAT	ATP	1"	100	8020221	18-19
PROFIMAT *	ATP	1 1/4"	100	8020273	18-19
PROFIMAT	ATP	1 1/2"	100	8020243	18-19
PROFIMAT *	ATP	2"	100	8020274	18-19
PROFIMAT	ATP	2 1/2"	100	8025029	-
PROFIMAT *	ATP	3"	100	8020210	18-19
PROFIMAT *	ATP	4"	100	8020211	18-19
PROFIMAT	ATP	5"	100	8320016	-
PROFIMAT *	ATP	6"	100	8025025	18-19
PROFIMAT *	ATP	8"	100	8320015	18-19
PROMI	M	3/4"	100	8150120	29
PROMI	M	1"	100	8150121	29
PROMI	M	1 1/4"	100	8150122	29
PROMI	M	1 1/2"	100	8150123	29
PROMI	M	2"	100	8150124	29
PURE@TAP Faucet *	Brushed Nickel	n/a	n/a	8115019	-
PURE@TAP Faucet *	Chrome	n/a	n/a	8115022	-
PURE@TAP Cartridges *	Set of 2	3/8"	0.2	8115025	29
PURE@TAP	M	3/8"	0.2	8110512	-
SPEEDY-LF	M	3/4"	100	8070623	29
SPEEDY-LF	M	1 1/4"	100	8070625	29
SPEEDY-LF	M	1"	100	8070624	29

Backwash Type:

AT – Automatic Time Actuated

ATP – Automatic Time and Pressure Differential Actuated

Auto – Automatic

M – Manual

Filter: Standard size filter shown in microns. Other sizes may be available on request.

* Stock items

There is always a good reason to give your drinking water system a lot of thought. We know, it's been keeping us busy for the past 80 years!

Ever since the company was founded back in 1936 we have been designing and developing innovative technologies and processes specifically aimed at optimal water treatment and designed to protect the health, installation systems and appliances used by you, the consumer.

During this long history, JUDO inventions have paved the way into the future of the water treatment industry and set the standards now accepted across the world. From the very first fine scale dosing unit back in 1952, over the first ever protective filter world wide right up to today's fully automatic water softening units.

JUDO products are "Made in Germany" only. They conform not only to the high requirements of German norms and guidelines, but also to the even higher ones we set for ourselves.

Our philosophy is: when it comes down to our most important foodstuff, second best is just not good enough.





Quality MADE IN GERMANY and approved internationally!



The last word in German approvals for the German Gas and Water industries, the DVGW has been setting and controlling the highest levels of product efficiency, health and safety standards enjoyed by the German market for over 150 years and is accepted world wide as one of the best standard levels.



The CSA, Canadian Standards Association, is an independent NPO with offices in 14 countries developing and controlling over 3000 norms governing safety, design and performance in the water industry. CSA is recognised as an equivalent standard by such renomated organisations as UL in the USA.



Quality management standard ISO 9001 is one of the most widely accepted quality management approvals both on a national and international level. Our ISO 9001 certification goes to prove how seriously we take our high levels of quality management, and keep developing them further.



The Craftsman's seal is a guarantee for the highest standards of product quality issued by the German Craftsman's industry in association with the manufacturer's Assoc. and over 5000 regional distribution partners in the heating and sanitation industry in Germany.



The Plus X award is the world's largest award for innovation in technology, sports and lifestyle chosen by a jury consisting of 25 branches of the economy, 23 competent partners with a total marketing investment volume of over 25 million Euros.



The iF design awards are counted amongst the most important in the world of international design. The iF logo awarded to the contest winner is accepted world wide as an indicator for excellence in design and is highly regarded by designers everywhere.



The swiss water and gas association tests and certifies products ensuring these are in line with the highest current levels of quality, safety and technical suitability for use in gas and water installations.



ACS stands for "attestation of sanitary conformity" and is the standard used by the French authorities for materials used in direct contact with drinking water. The ACS symbol is an assurance of the highest standards in performance conformity.



Made in Germany – engineered for the world

All JUDO products are engineered and manufactured exclusively in Germany thus ensuring the high levels of product quality expected. At the same time JUDO is a globally active company represented at world class exhibitions and with many local offices in Europe and beyond as well as reliable any long running partnerships in over 50 countries, and rising!

Our warranty to you, the consumer, of our commitment to your market!



Quality made in Germany

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Quality
made
in Germany