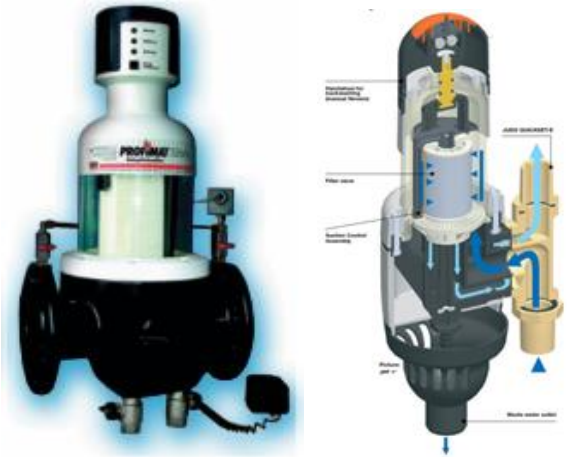


# SELF-CLEANING BACKWASH WATER FILTERS



JUDO's **PROFI/PROFIMAT** series is the first Self Cleaning Backwash Point-of-Entry water filtration system of its kind with **CSA/UL** approval and certification for domestic potable water supplies in North America!

The **PROFI** and **PROFIMAT** allow water to flow and be filtered through a stainless steel screen, which traps and retains the 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. **NO CARTRIDGE REPLACEMENTS!**



## TECHNICAL DATA

Pipe Size	1"	2"	3"	4"	6"	8"
Flow Rate - gpm	20	75	220	308	660	880
Minimum/Maximum Operating Pressure - psi	22/150	22/150	22/150	22/150	22/150	22/150
Pressure Loss After Backwash - psi	3	3	3	3	3	3
Standard Mesh Size (Microns*)	100	100	100	100	100	100
Mesh Surface area - sq.in	18.75	34.9	83.7	83.7	251.1	334.8
Max. Operating Temp. - °F (°C)	86 (30)	86 (30)	86 (30)	86 (30)	86 (30)	86 (30)
Max. Ambient Temp - °F (°C)	86 (30)	86 (30)	86 (30)	86 (30)	86 (30)	86 (30)
<b>PROFI (Manual)</b>	<b>8010111</b>	<b>8010137</b>	<b>8010117</b>	<b>8010139</b>	<b>8290016</b>	<b>8290017</b>
<b>Profimat Automatic /Time &amp; Pressure</b>	<b>8020221</b>	<b>8020274</b>	<b>8020210</b>	<b>8020211</b>	<b>8025025</b>	<b>8320015</b>

\* Screens also available in 30, 320 and 500 micron.



## INSTALLATIONS (REFERENCES)



**Niagara Fallsview  
Casino Resort**  
With 8" Profimat A/TP

### USA

- NCR World Headquarters – Atlanta, GA
- Point Pleasant, NJ – Condominiums
- Binghamton Univ. – Rainwater Harvesting
- Immigration Centers of America
- Virginia Military Institute – Rainwater Harvesting
- Navy Nuclear Training Center
- Bobby Rahal Honda – Carwash/Detailing
- Cloud Data Centers
- Signature Sauces – Food Manufacturing
- Hilton Garden Inns
- Great Lakes Growers – Hydroponic Edible Greens
- Cummins-Wagner – Cooling Tower Packages
- Chesapeake Public Safety & Operations Bldg – Rainwater to Drinking Water System

### Canada

- 2010 Olympic Village Community Center, Vancouver
- Victoria General Hospital, Victoria
- Niagara Fallsview Casino Resorts, Niagara Falls
- Seymour-Capilano Filtration Plant, Vancouver
- Hydro (24 systems operating at hydro generation facilities around British Columbia province)

### Global

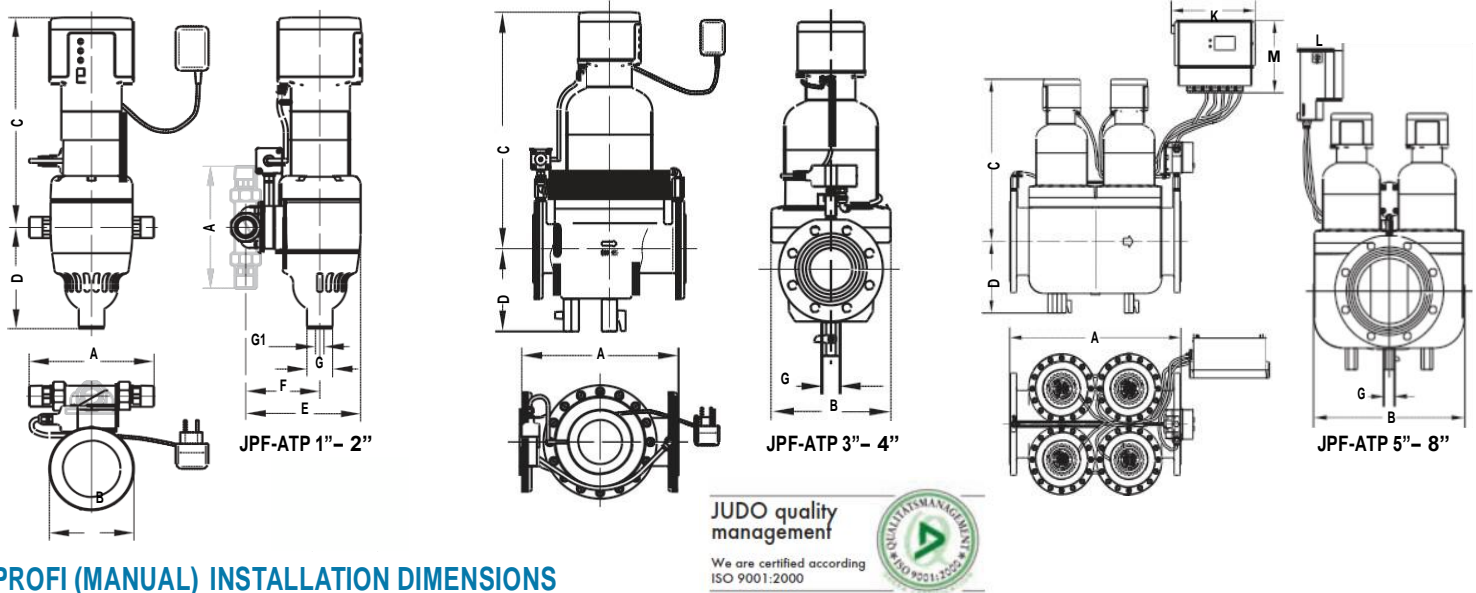
- AUDI AG
- BMW AG
- Continental Tires AG
- GE Power & Water



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# INSTALLATION DIMENSIONS (AUTOMATIC MODELS ARE SHOWN)



## PROFI (MANUAL) INSTALLATION DIMENSIONS

Measurements are inches (mm)	1"	2"	3"	4"	6"	8"
A Installation Length	7.5 (195)	11 (280)	12.5 (320)	12.5 (320)	22 (560)	23.6 (600)
B Unit Width	5.1 (130)	6.0 (154)	9.1 (232)	9.1 (232)	18.4 (468)	18.6 (474)
C Height above pipe center	11 (280)	13 (329)	15.8 (402)	16.2 (412)	17.8 (453)	18.5 (469)
D Height below pipe center	6.5 (165)	3.8 (97)	6.5 (166)	6.9 (176)	8.1 (207)	9.4 (238)
E Depth to pipe center –	6.5 (165)	8.4 (213)				
G Connection dimension waste water (G1 - alternate connection)	1.5 (40)	.8 (20)	¾"	¾"	¾"	¾"
Weight – lbs.	8.8	22	60	64	302	408
Order No.	8010111	8010137	8010117	8010139	8290016	8290017

## PROFIMAT-ATP INSTALLATION DIMENSIONS

Measurements are inches (mm)	1"	2"	3"	4"	6"	8"
A Installation Length	7.5 (195)	11 (280)	12.5 (320)	320 (12.5)	22 (560)	24 (600)
B Unit Width	5.2 (133)	6.2 (158)	9.1 (232)	232 (9.1)	18.5 (470)	18.5 (470)
C Height above pipe center	13.2 (335)	15.8 (402)	18.7 (475)	485 (19.1)	20.7 (525)	21 (535)
D Height below pipe center	6.5 (165)	3.3 (84)	6.5 (166)	176 (6.9)	8.5 (220)	10 (250)
E Depth to pipe center	6.5 (180)	8.5 (235)				
F Pipe center to waste water center	7.0 (100)	4.6 (157)				
G Connection dimension for waste water (G1 – alternate connection)	1.5 (40)	.8 (20)	¾"	¾"	¾"	¾"
K Control unit width					10 (257)	10 (257)
L Control unit depth					8.6 (218)	8.6 (218)
M Control unit height					8.4 (214)	8.4 (214)
Weight – lbs.	22	35.3	72.8	77	320	441
Order No.	8020221	8020274	8020210	8020211	8025025	8320015



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