

UAT™

Backwash Systems for Media Filtration

For Pre-treatment Filtration

Severn Trent Services UAT™ Backwash Systems are pre-engineered to be used with our standard media filtration products. These are factory assembled, tested, and skid-mounted for ease of installation in the field.

Application

UAT Backwash Systems are designed to effectively rinse impurities from media systems. The backwash systems can be used for media filters up to 63" diameter.

Standard Features:

- Centrifugal pump is complete with suction and discharge isolation valves, discharge check valve, and pressure gauge on discharge side
- Pump and control box is mounted on stainless steel skid
- Piping is PVC SCH 80
- NEMA 12 electrical enclosure
- Motor is TEFC



Severn Trent Services
2660 Columbia Street
Torrance, CA 90503
Tel 310 618 9700
Fax 310 618 1204
info@severntrentservices.com
www.severntrentservices.com

625.0065.0

Model Number	Flowrate (gpm)	Applicable for Tank Diameter (inches)	Pressure psi	Pump Hp	Dimensions (LxWxH)	Pump Wetted Parts	Approximate Shipping Weight (lbs)
UAT-BP-27	27	18	30	1.5	36x16.5x48	316SS/NiAlBrz	80
UAT-BP-33	33	20	30	1.5	36x16.5x48	316SS/NiAlBrz	80
UAT-BP-40	40	22	30	1.5	36x16.5x48	316SS/NiAlBrz	80
UAT-BP-48	48	24	30	2	36x16.5x48	316SS/NiAlBrz	90
UAT-BP-74	74	30	30	3	36x16.5x48	316SS/NiAlBrz	145
UAT-BP-106	106	36	30	5	36x16.5x48	316SS/NiAlBrz	185
UAT-BP-145	145	42	30	5	36x16.5x48	316SS/NiAlBrz	185
UAT-BP-189	189	48	30	7.5	36x16.5x48	316SS/NiAlBrz	185
UAT-BP-325	325	63	30	10	36x16.5x48	316SS/NiAlBrz	300

(Product specifications are subject to change without notice.)

Ordering Guide

UAT-BP-

Model Numbers

27
33
40
48
74
106
145
189
325
Reference table above

Pump wetted parts

S - Stainless Steel
N - NiAlBrz

Voltage

3 - 230V/3 ph/60 Hz
5 - 380V/3 ph/50 Hz
6 - 460V/3 ph/60 Hz

Optional Accessories

0 - Not needed
1 - Flowmeter on pump discharge

Notes:

1. Pump and motor skid mounted.
2. Discharge pressure is 30 psi (2.1 bar).
3. Junction box with disconnect switch and on/off indicator is mounted on skid.
4. For high brackish and seawater application, NiAlBrz wetted parts material is recommended.
5. For multi-media filtration, backwash flow of 15 gpm/sq ft is recommended. For carbon filtration, backwash flow of 10 gpm/sq ft is recommended.

625.0065.0 03/06