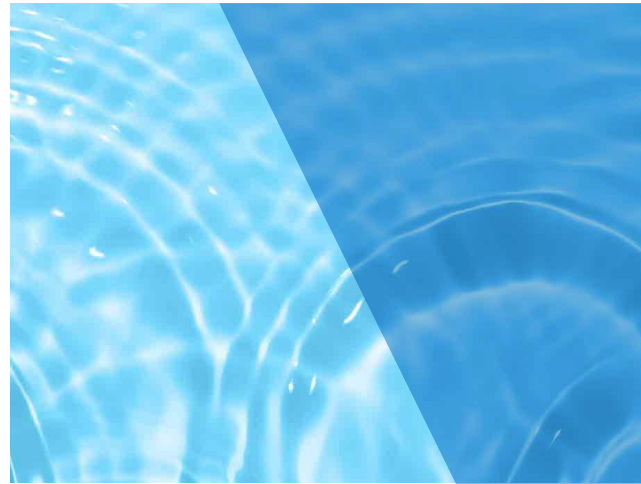


Series AMZ Commercial Micro Z[®] Filter Systems

The Superior Backwashing Filtration Media for Sediment and Solids Removal



- ✓ Fully adjustable backwash and flush cycles
- ✓ Durable brass bodied control valves for years of service
- ✓ Virtually maintenance free



Micro Z System Features



**Series
AMZ 3"**

Watts Series AMZ Micro Z filters are highly effective backwashing media filtration systems for the reduction of sediment and suspended solids from water.

- High capacity Micro Z filter media is certified to NSF/ ANSI/CAN Standards 61 and 372
- Fully automatic time clock initiated control valves on 36" diameter systems and below
- Highly corrosion resistant fiberglass tanks
- Fully adjustable backwash and flush cycles
- Durable brass bodied control valves on 36" diameter systems and below for years of service
- Systems supplied with dry contact lock-out switch for remote interface
- Durable polypropylene lower distribution system

Micro Z Benefits

- Offers 3 times the solids loading capability compared to sand, resulting in reduced backwash frequency
- Superior filtration performance compared to other media technology options in the market
- 3-5 micron nominal particle size reduction capability
- Modular design allows for higher flow rates
- Compact, vertical footprint provides space and backwash water-saving advantages



Micro Z vs. Conventional Filter Media



The Results Are In!

Micro Z far and away outperforms conventional filter medias

Media	Nominal Micron Rating
Screen Filter	10-20
Sand & Anthracite	15-20
Multimedia	12
Micro Z	<5

Specifications*

Model No.	Tank Size	Mineral Tank Tank Size FT ²	Micro Z FT ³	Flow Rates for Service and Backwash			
				Service GPM			Backwash GPM
				10 GPM FT ²	15 GPM FT ²	20 GPM FT ²	
N5245-14-285NT	14" x 65"	1.07	3.0	10.7	16.0	21.4	20
N5245-16-285NT	16" x 65"	1.39	4.0	13.9	20.8	27.8	20
N5245-21-285NT	21" x 62"	2.41	7.0	24.1	36.1	48.2	40
N5245-24-315NT	24" x 72"	3.14	10	31.4	47.1	62.8	50
N5245-30-315NT	30" x 72"	4.91	15	49.1	73.6	98.2	85
N5245-36-315NT	36" x 72"	7.07	20	70.7	106.1	141.4	100
N5245-36-DVN	36" x 72"	7.07	20	70.7	106.1	141.4	100
N5245-36-39NT	36" x 72"	7.07	20	70.7	106.1	141.4	100
N5245-42-DVN	42" x 72"	9.62	30	96.2	144.3	192.4	155
N5245-48-DVN	48" x 72"	12.56	40	125.6	188.4	251.2	200

Ordering Information

Model No.	Ordering Code	Description	Pipe Size	Space Required W x D x H	Weight	
					Lbs	Kgs
N5245-14-285NT	68105830	AMZ14F2850NXT 3 Cubic Foot Micro Z filter with Auto Backwash	1½"	15" x 16" x 75"	278	126
N5245-16-285NT	68105832	AMZ16F2850NXT 4 Cubic Foot Micro Z filter with Auto Backwash	1½"	17" x 18" x 75"	366	166
N5245-21-285NT	68105833	AMZ21F2850NXT 7 Cubic Foot Micro Z filter with Auto Backwash	1½"	23" x 24" x 84"	667	303
N5245-24-315NT	68105836	AMZ24F3150NXT 10 Cubic Foot Micro Z filter with Auto Backwash	2"	27" x 27" x 95"	1015	461
N5245-30-315NT	68105838	AMZ30F3150NXT 15 Cubic Foot Micro Z filter with Auto Backwash	2"	33" x 33" x 95"	1852	842
N5245-36-315NT	68110580	AMZ36F3150NXT 20 Cubic Foot Micro Z filter with Auto Backwash	2"	48" x 40" x 107"	2485	1127
N5245-36-DVN	68105843	AMZ36FDVN2NXT 20 Cubic Foot Micro Z filter with Auto Backwash	2"	48" x 40" x 90"	2480	1124
N5245-36-39NT	68105842	AMZ36F3900NXT 20 Cubic Foot Micro Z filter with Auto Backwash	3"	40" x 48" x 114"	2525	1148
N5245-42-DVN	68105844	AMZ42FDVN3NXT 30 Cubic Foot Micro Z filter with Auto Backwash	3"	46" x 54" x 90"	2895	1316
N5245-48-DVN	68105846	AMZ48FDVN3NXT 40 Cubic Foot Micro Z filter with Auto Backwash	3"	54" x 60" x 90"	3882	1756

*Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice. Flow rates, dimensions, and capacities are per tank. Pipe size, tank size, and space requirements are in inches.



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