

## LIGHT INDUSTRIAL TOWERS

Size Range	36 & 48" Diameter X 72" Side Shell X 135" OAH
Design Flow Range	20 - 55 GPM @ 7.5 minute EBCT
Backwash Flow Range	70 - 189 GPM (Filtered) [10-13 GPM / ft <sup>2</sup> ]
Pressure Rating	100 PSIG
Steam Requirements	130,000 - 197,000 BTU/Hr
Shipping Weight	1,100 - 1,700#
Operating Weight	5,200 - 9,200#
Material of Construction	316L Stainless Steel
ASME Stamp	No (Available option)
Exterior Tank Finish	Glass Bead Blast
Interior Tank Finish	Nitric Acid Passivated with Mill Finish
Side Manway	14" x 18" Diameter Bolted
<u>Connections:</u>	
Service / Backwash / Rinse	3" Diameter ANSI Flange
Steam Inlet	1.0" FPT
Drain	1.0" FPT
Air Vent	1.0" FPT
Inlet / Outlet Pressure Gauges	2.5" Diameter / 0-160 PSI
Outlet Sample Valve	Sanitary
Strainers	Media Retaining
<u>Function:</u>	
Service / Backwash	Automatic
Rinse	Automatic
Steam / Slow Fill	Manual
Control Valves	Lug Style BF Valves w/ Pneumatic Actuators
Electrical	24 VDC
Control Capability	Relay Logic or Integrated Panel Capable
Air Pressure	80-100 PSIG, Clean & Dry Air
Steam / Drain Valves	1" SST Ball Valves
Air Vent	1" SST Ball Valve
Condensate Drain	1" SST Ball Valve
Media Installation / Removal	4" Diameter ANSI Flange
Flow Controller	Single Element
Activated Carbon	20 - 55 ft <sup>3</sup> Carbon Media (12x40 Mesh)



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