

# Retractable Tank Washer (RTW)

## Automates Tank Cleaner Insertion and Retraction from Tank

### Features and Benefits

- Pneumatic retraction mechanism lowers and raises the tank cleaner from the tank eliminating the need for manual labor
- Eliminates clogging resulting from residue build-up on nozzle hub when tank washers are permanently installed in the tank
- Variable stroke lengths for cleaning: 3', 4' and 6' (.9, 1.2 and 1.8 m)
- Easy-to-use, manual panel controls the insertion/retraction of the RTW and nozzle rotation. The panel can be upgraded to include isolation valve actuation
- Control box/panel can be located away from the tank for safety or convenience. Position indicators on the panel show when the tank washer is fully inserted or retracted
- Optional isolation valve ensures liquid cannot escape from the tanks when tank washer is retracted and maintains pressure inside the vessel. Indicators show when valve is open or closed
- The retractable tank washer, optional isolation valve and manual control panel are completely air operated

### Ideal for Cleaning:

- Cosmetic tanks
- Food vats
- Pharmaceutical vessels
- PTFE, latex, acrylic, polymer, paint and other chemical reactors

Contact your local sales engineer for performance data.



Controller



Retractable Tank Washer  
for tanks up to 40' (12 m) in dia.

### Specifications

<b>Max. tank dia.:</b>	High-pressure version: 40' (12 m) Standard version: 34' (10 m)
<b>Max. flow rate:</b>	High-pressure version: 21 gpm (80 l/min) Standard version: 44 gpm (170 l/min)
<b>Max. pressure:</b>	High-pressure version: 4000 psi (275 bar) Standard version: 500 psi (35 bar)
<b>Max. operating temperature:</b>	140°F (60°C)
<b>Cycle time:</b>	2.1 to 11 min
<b>Spray coverage:</b>	360°
<b>Inlet conn.:</b>	High-pressure version: ½" NPT or BSPT (F) Standard version: 1" NPT or BSPT (F)
<b>Stroke lengths:</b>	3', 4' and 6' (.9, 1.2 and 1.8 m)
<b>Wetted parts:</b>	316 and 304 stainless steel, synthetic rubber hose, PTFE, Viton®*
<b>Weight:</b>	187 to 253 lbs. (85 to 115 kg)

\*High-pressure version only.

Viton® is a registered trademark of DuPont Performance Elastomers.



### Specifications

- Variable stroke lengths: 3', 4' and 6' (.9, 1.2 and 1.8 m)
- Flange: 4" 150# ANSI®
- Designed to operate in a vertical position

ANSI® is a registered trademark of American National Standards Institute.



Standard RTW  
fully extended



Standard RTW  
fully retracted

### Retractable Tank Washer Options:

Retractable Tank Washer	
<b>High Pressure</b>	THA-300
<b>Standard</b>	AA190

Stroke Length	
	3' (0.9 m)
	4' (1.2 m)
	6' (1.8 m)

Nozzle Capacity Size	
<b>High Pressure</b>	06, 10, 15, 20
<b>Standard</b>	10, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80

Isolation Valve	
	No Isolation Valve
	Isolation Valve

Manual Control Panel	
	Without Isolation Valve Actuation
	With Isolation Valve Actuation

### Manual Control



RTW

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Manual Control Panel