

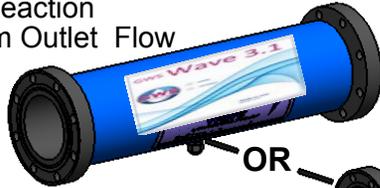


# IntegraClean

THIS DRAWING IS FOR SPATIAL CONSIDERATION ONLY, AND SUBJECT TO CHANGE W/O PREVIOUS NOTICE, DO NOT PRE-PLUMB TO THESE DIMENSIONS

Plumb **WAVE 3.1** Reaction Chamber To System Outlet Flow

Condenser Water Line



OR

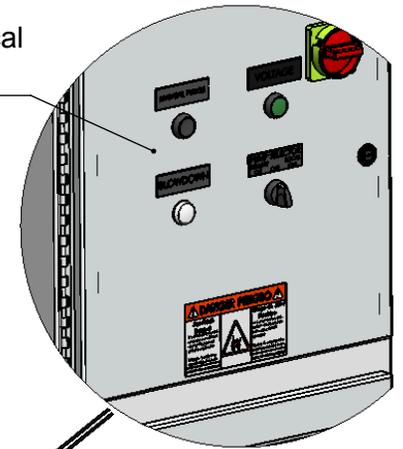


**WAVE 3.1** Reaction Chamber SideStream

To Clean Sweep

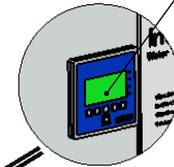
Plumb **WAVE 3.1** Reaction Chamber To System Outlet Flow

Electrical Control Panel



15ft. Signal Cable (30ft max.)

Conductivity Controller



**WAVE 3.1** Control Panel

Blowdown Valve Plumb To Drain

Pressure Indicator

Separator

Pump/Motor

Process Inlet

From Clean Sweep

Basket Strainer (Optional)

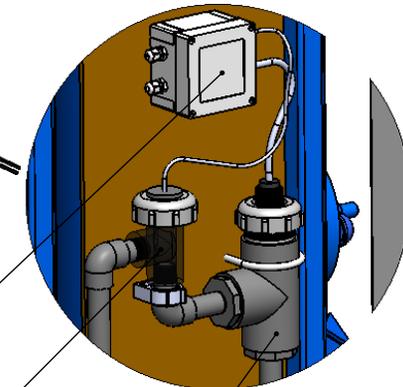
Purge Valve Plumb To Drain

J-Box

Flow Switch

Conductivity Sensor

Skid



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## IntegraClean IC-500-D-HH

Flow Rate	525 gpm at 40 THD				
Separator Model	CS-5T-THA, Carbon Steel, Powder Coated.				
Frame Construction	Carbon Steel, Powder Coated.				
Pipe Assembly	Carbon Steel, rust inhibitor primer, with enamel finish.				

### ELECTRICAL

Motor Horsepower	10				
Motor RPM	1750	1750	1450	1750	1750
Motor Voltage, 3 Phase	460	575	380-415	230	208
Motor Amperage	14	11	18	28	30.8
<b>System Total Amperage</b>	<b>18</b>	<b>15</b>	<b>22</b>	<b>32</b>	<b>35</b>

### PUMP

Pump Operation	Flooded suction required
Pump Casing	Cast iron
Pump Impeller	Stainless 304
Std. Mechanical Seal	Buna seal, carbon rotary.

### BASKET STRAINER (OPTIONAL)

Body Construction	Cast iron
Internal Screen	1/4" perforated 304 Stainless Steel
Connection Type	Class 150 flange

### CONTROL PANEL (UL listed and labeled, manufactured to UL-508A Std.)

Enclosure	NEMA 4, Powder Coated, Watertight, UL listed and CSA appoved. (NEMA 4X, Optional)
Electrical Components	Starter with Thermal Overload, HOA, stepdown, Pump "RUN" lights, Lockable Door Disconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.

### PROCESS INLET

4" RFSO 150# Flange	4" butterfly valve
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### PROCESS OUTLET

5" RFSO 150# Flange	5" butterfly valve
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### PURGE PORT

Actuator motor	120VAC
Connection Type	1 1/2" Female NPT, Ball Valve

### MAX. PRESSURE

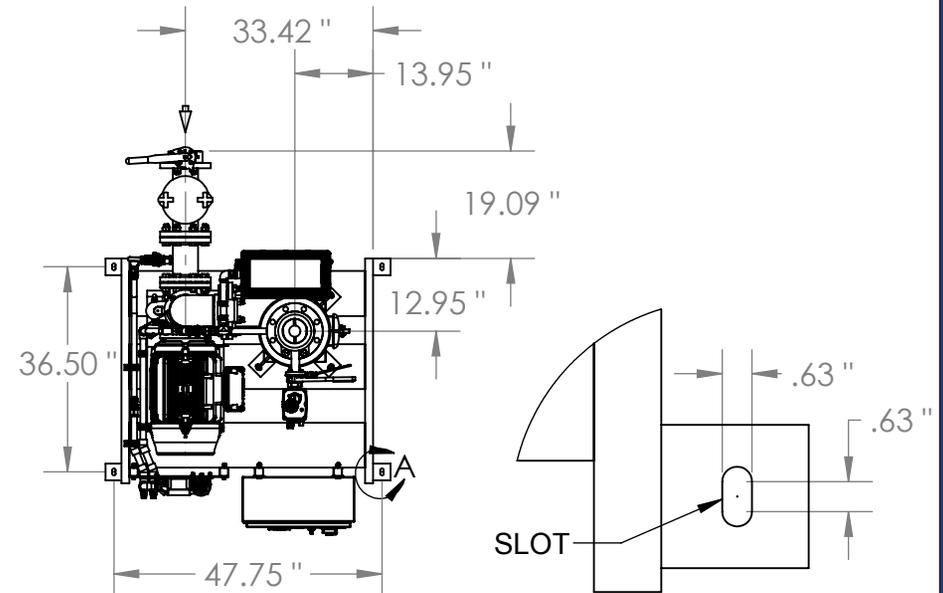
Pump inlet	100 psi. (6.9 bar)
Vessel	150 psi. (10.3 bar)

### MAX. TEMPERATURE

System	100° F (38° C)
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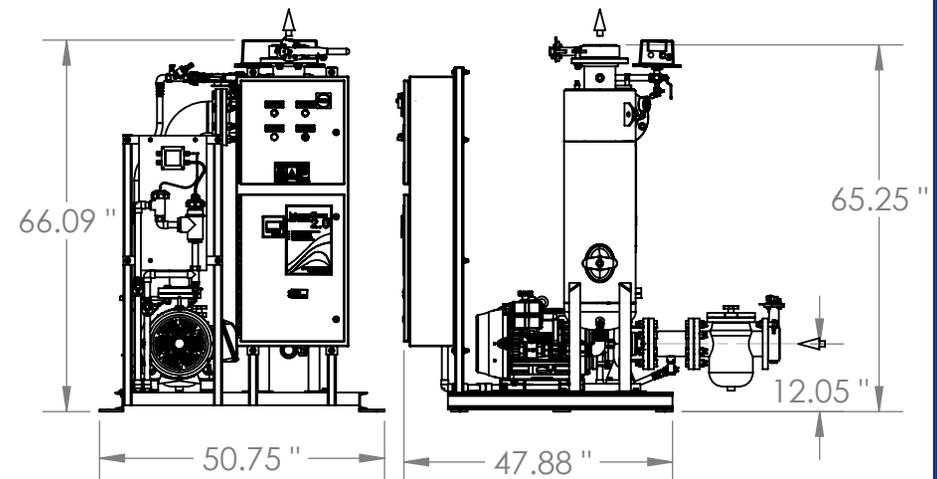
### WAVE

Dimensions	See separate specification sheet.
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TOP VIEW

4X DETAIL A



FRONT VIEW

SIDE VIEW

# IntegraClean-500-PKG