



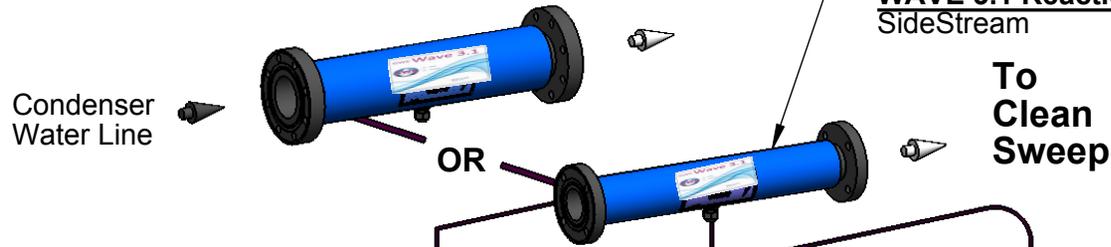
# IntegraClean

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

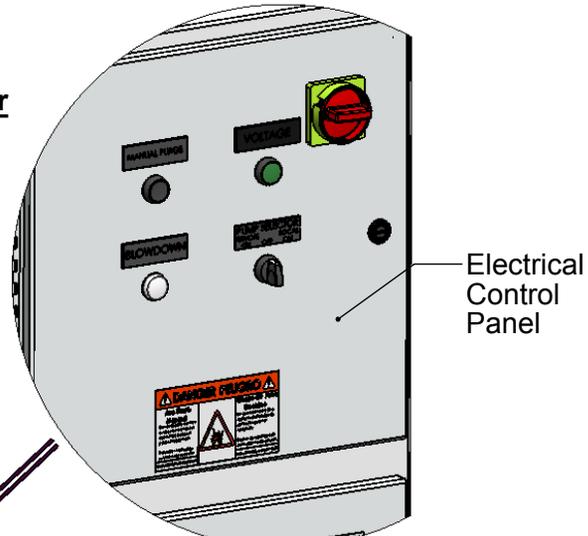
## WAVE 3.1 Reaction Chamber

Full Flow, Mounted In Condenser WaterLine  
(Size Per Contract Documents)

## WAVE 3.1 Reaction Chamber SideStream



Plumb WAVE 3.1 Reaction Chamber To System Outlet Flow



15ft. Signal Cable (30ft. max.)

Blowdown Valve Plumb To Drain

Pressure Indicator

Purge Valve Plumb To Drain

From Clean Sweep

Basket Strainer (Optional)

Skid

Pump/Motor

WAVE 3.1 Control Panel

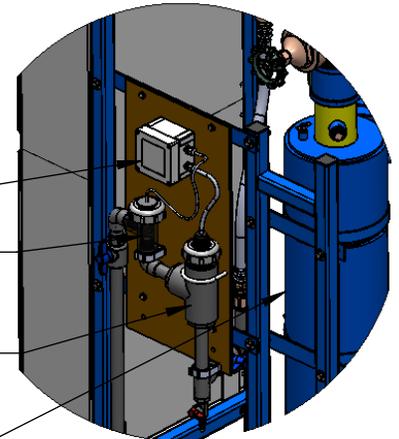
J-Box

Flow Switch

Conductivity Sensor

Separator

Conductivity Controller



# IntegraClean-301-PKG

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## IntegraClean IC-301-D-HH

Flow Rate	280 gpm at 40 THD
Separator Model	CS-4T-THD, Carbon Steel, Powder Coated.
Frame Construction	Carbon Steel, Powder Coated.
Pipe Assembly	Carbon Steel, rust inhibitor primer, with enamel finish.

### ELECTRICAL

Motor Horsepower	5				
Motor RPM	3500	3500	2900	3500	3500
Motor Voltage, 3 Phase	460	575	380-415	230	208
Motor Amperage	7.6	6.1	9.7	15.2	16.7
<b>System Total Amperage</b>	<b>12</b>	<b>10</b>	<b>14</b>	<b>20</b>	<b>21</b>

### PUMP

Pump Operation	Flooded suction required
Pump Casing	Cast iron
Pump Impeller	Cast iron
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 approved. (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

3" FNPT	3" Gate valve
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### PROCESS OUTLET

3" FNPT	3" Gate valve
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### PURGE PORT

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

### MAX. PRESSURE

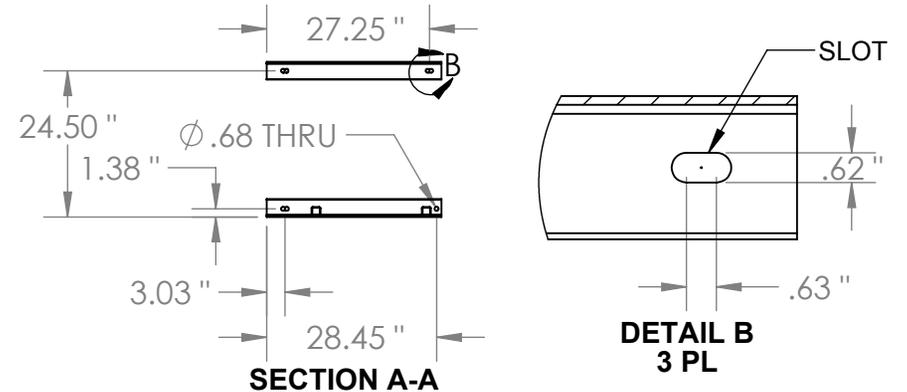
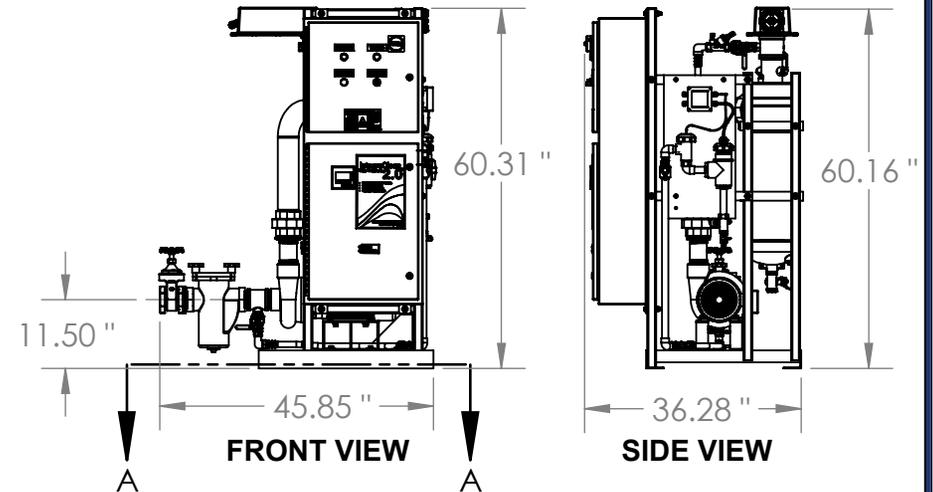
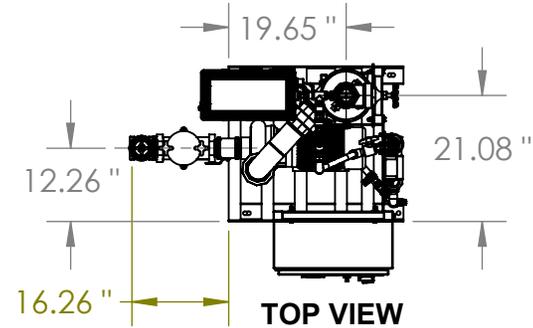
Pump inlet	100 psi. (6.9 bar)
Vessel	150 psi. (10.3 bar)

### MAX. TEMPERATURE

System	100° F (38° C)
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### WAVE

Dimensions	See separate specification sheet.
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