



# IntegraClean

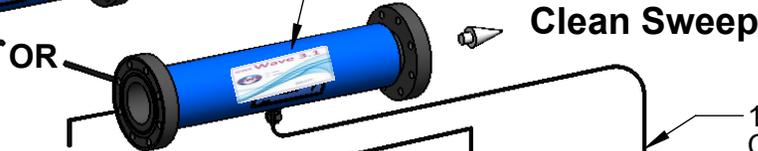
THIS DRAWING IS FOR SPATIAL CONSIDERATION ONLY, AND SUBJECT TO CHANGE W/O PREVIOUS NOTICE, DO NOT PRE-PLUMB TO THESE DIMENSIONS

## WAVE 3.1 Reaction Chamber

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

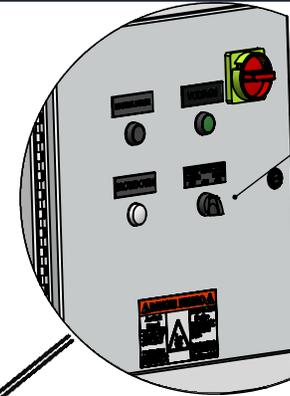


## WAVE 3.1 Reaction Chamber SideStream



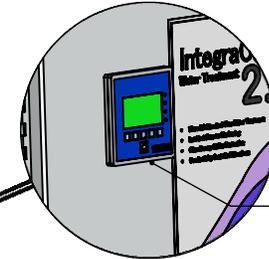
Plumb WAVE 3.1 Reaction Chamber To System Outlet Flow

OR

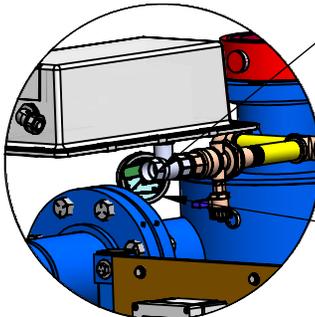


Electrical Control Panel

15ft. Signal Cable (30ft max.)



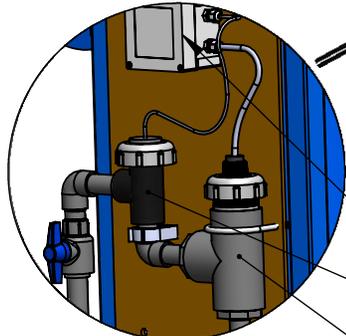
Conductivity Controller



Blowdown Valve Plumb To Drain

Pressure Indicator

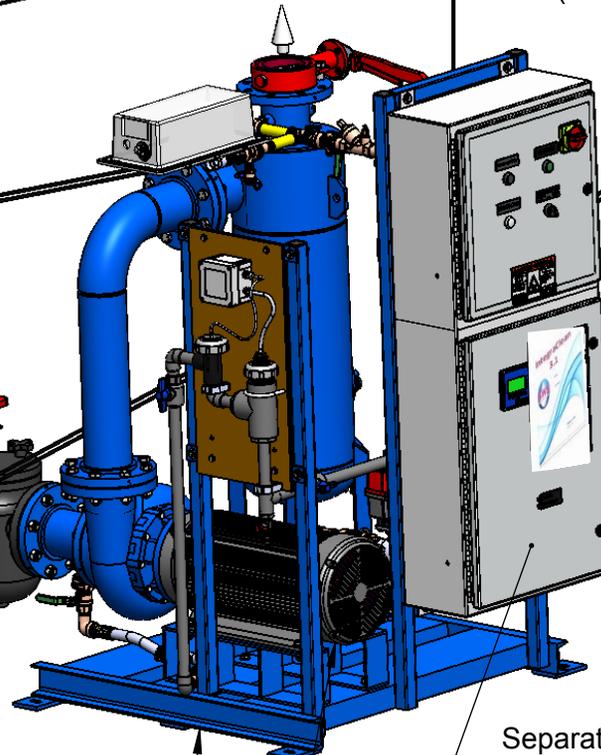
From Clean Sweep



J-Box

Flow Switch

Conductivity Sensor



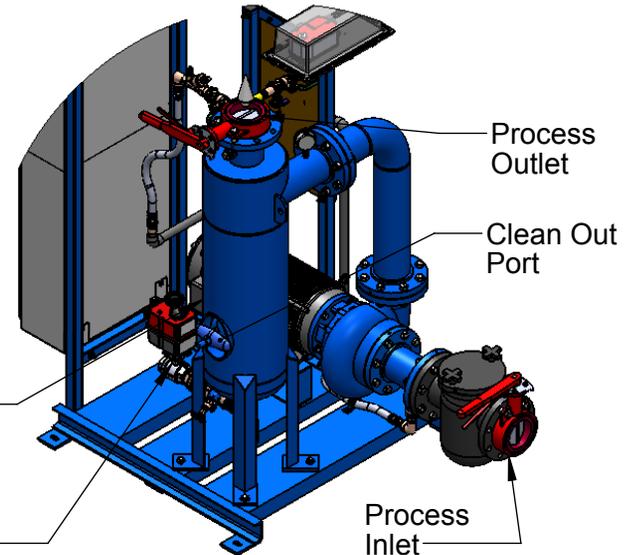
Skid

Pump/Motor

WAVE 3.1 Control Panel

Separator

Purge Valve Plumb To Drain



Process Outlet

Clean Out Port

Process Inlet

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## IntegraClean IC-400-D-HH

Flow Rate	340 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	1750	1750	1450	1750	1750
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, ceramic stationary.

### 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

4" RFSO 150# Flange	4" 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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