



# 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

**WAVE 3.1** Reaction Chamber SideStream

To Clean Sweep

Condenser Water Line

OR

15ft. Signal Cable (30ft max.)

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

Pressure Indicator

Separator

J-Box

Flow Switch

Conductivity Sensor

Basket Strainer (Optional)

From Clean Sweep

**WAVE 3.1** Control Panel

Skid

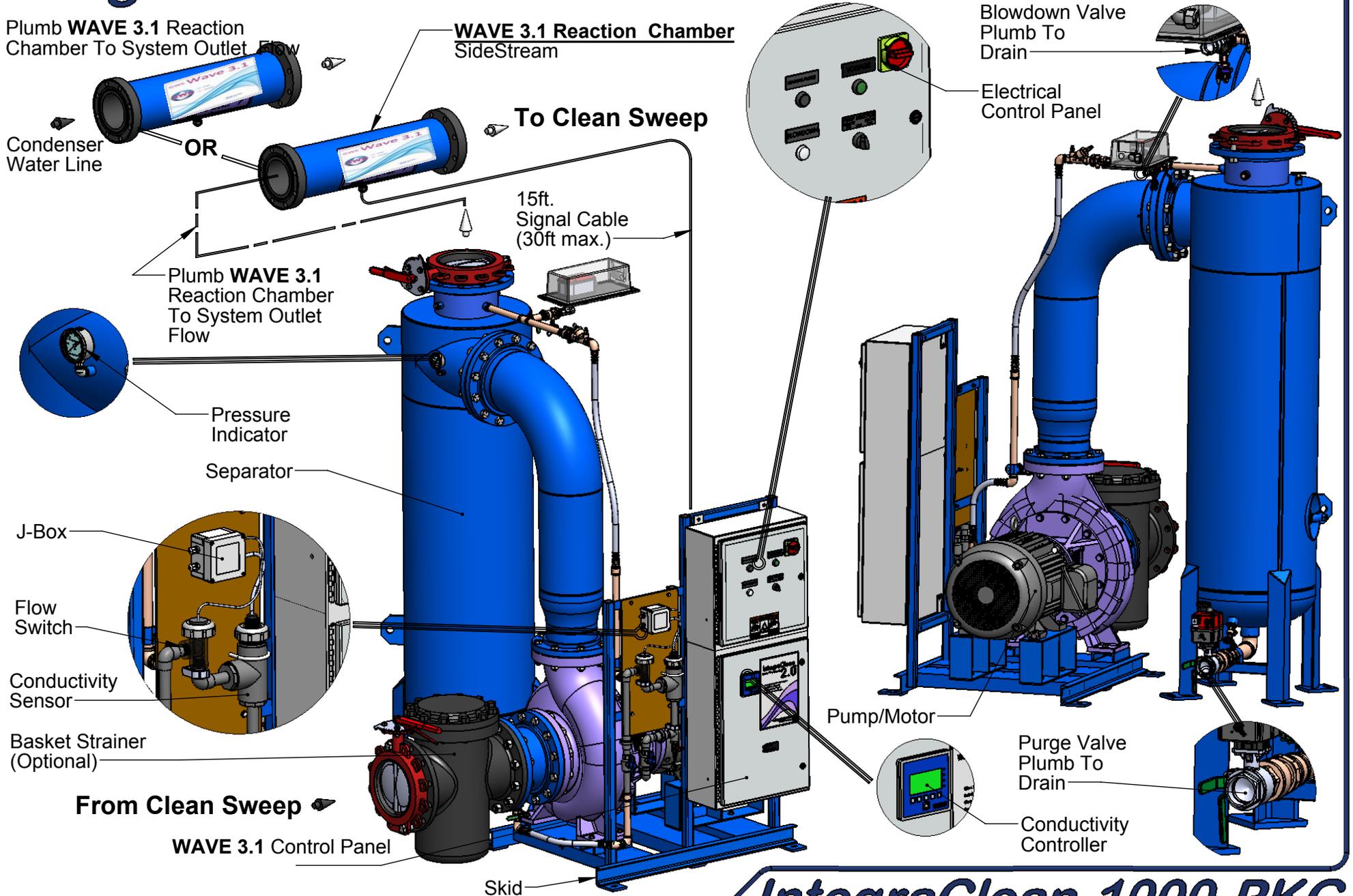
Blowdown Valve Plumb To Drain

Electrical Control Panel

Pump/Motor

Purge Valve Plumb To Drain

Conductivity Controller



# IntegraClean-1000-PKG

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## IntegraClean IC-1000-D-HH

Flow Rate	2300 gpm at 40 THD				
Separator Model	CS-10T-THA, Carbon Steel, Powder Coated.				
Frame Construction	Carbon Steel, Powder Coated.				
Pipe Assembly	Carbon Steel, rust inhibitor primer, with enamel finish.				

### ELECTRICAL

Motor Horsepower	30				
Motor RPM	1165	1165	932	1165	1165
Motor Voltage, 3 Phase	460	575	380-415	230	208
Motor Amperage	40	32	51	80	88
<b>System Total Amperage</b>	<b>44</b>	<b>36</b>	<b>55</b>	<b>84</b>	<b>92</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

8" RFSO 150# Flange	10" butterfly valve
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### PROCESS OUTLET

8" RFSO 150# Flange	10" butterfly valve
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### PURGE PORT

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

### MAX. PRESSURE

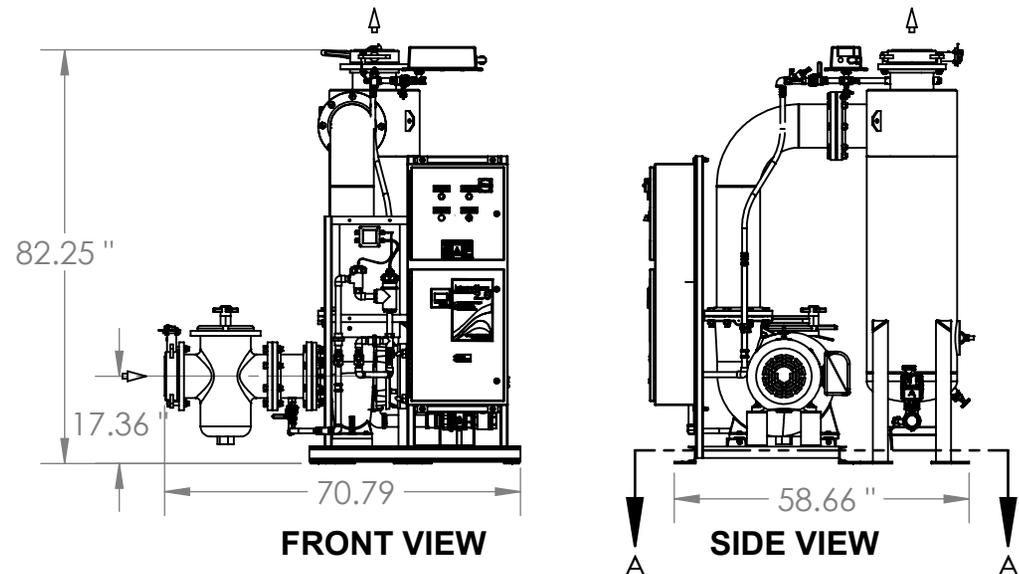
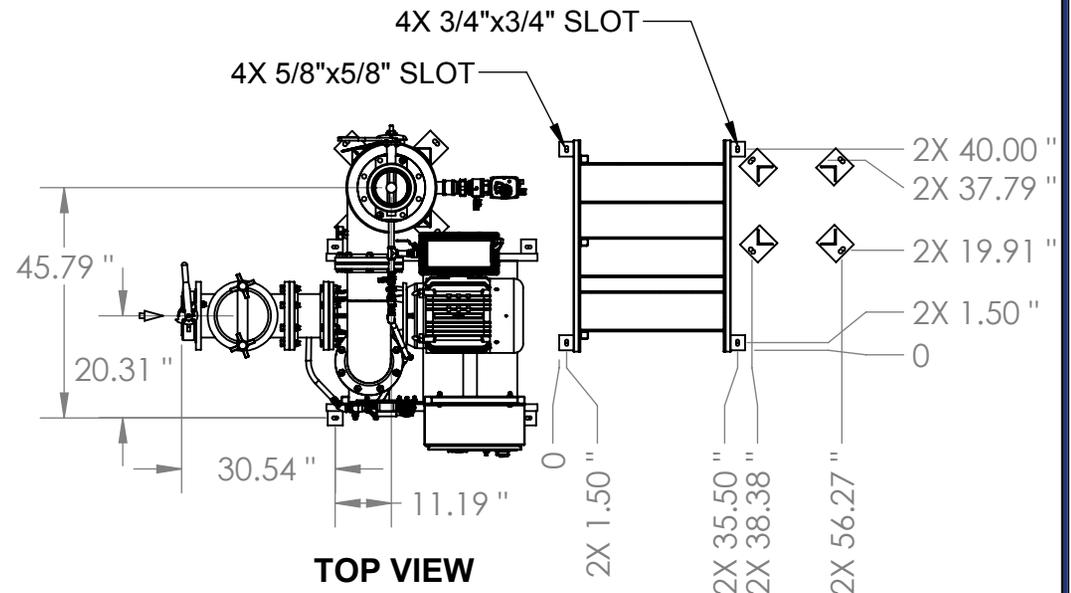
Pump inlet	100 psi. (6.9 bar)
Vessel	150 psi. (10.3 bar)

### MAX. TEMPERATURE

System	100° F (38° C)
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### WAVE

Dimensions	See separate specification sheet.
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