



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

Condenser Water Line

OR

To Clean Sweep

Plumb WAVE 3.1 Reaction Chamber To System Outlet Flow

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

Electrical Control Panel

Blowdown Valve Plumb To Drain

Pressure Indicator

Conductivity Controller

Purge Valve Plumb To Drain

Pump/Motor

Basket Strainer (Optional)

From Clean Sweep

WAVE 3.1 Control Panel

Skid

J-Box

Flow Switch

Conductivity Sensor

Separator

IntegraClean

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IntegraClean IC-250-D-HH

| | |
|--------------------|--|
| Flow Rate | 160 gpm at 40 THD |
| Separator Model | CS-2.5-THA, Carbon Steel, Powder Coated. |
| Frame Construction | Carbon Steel, Powder Coated. |
| Pipe Assembly | Carbon Steel, rust inhibitor primer, with enamel finish. |

ELECTRICAL

| | | | | | |
|------------------------|------|------|---------|------|------|
| Motor Horsepower | 3 | | | | |
| Motor RPM | 1750 | 1750 | 1450 | 1750 | 1750 |
| Motor Voltage, 3 Phase | 460 | 575 | 380-415 | 230 | 208 |
| Motor Amperage | 4.8 | 3.9 | 6.1 | 9.6 | 10.6 |
| System Total Amperage | 9 | 8 | 10 | 14 | 15 |

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 |
| Electrical Components | Starter with Thermal Overload, HOA, stepdown, Pump |

PROCESS INLET

| | |
|---------|---------------|
| 3" FNPT | 3" gate valve |
|---------|---------------|

PROCESS OUTLET

| | |
|-------------|-------------------|
| 2 1/2" FNPT | 2 1/2" gate valve |
|-------------|-------------------|

PURGE PORT

| | |
|-----------------|---------------------------------|
| Actuator motor | 120VAC |
| Connection Type | 1" Female NPT, MotoriBall Valve |

MAX. PRESSURE

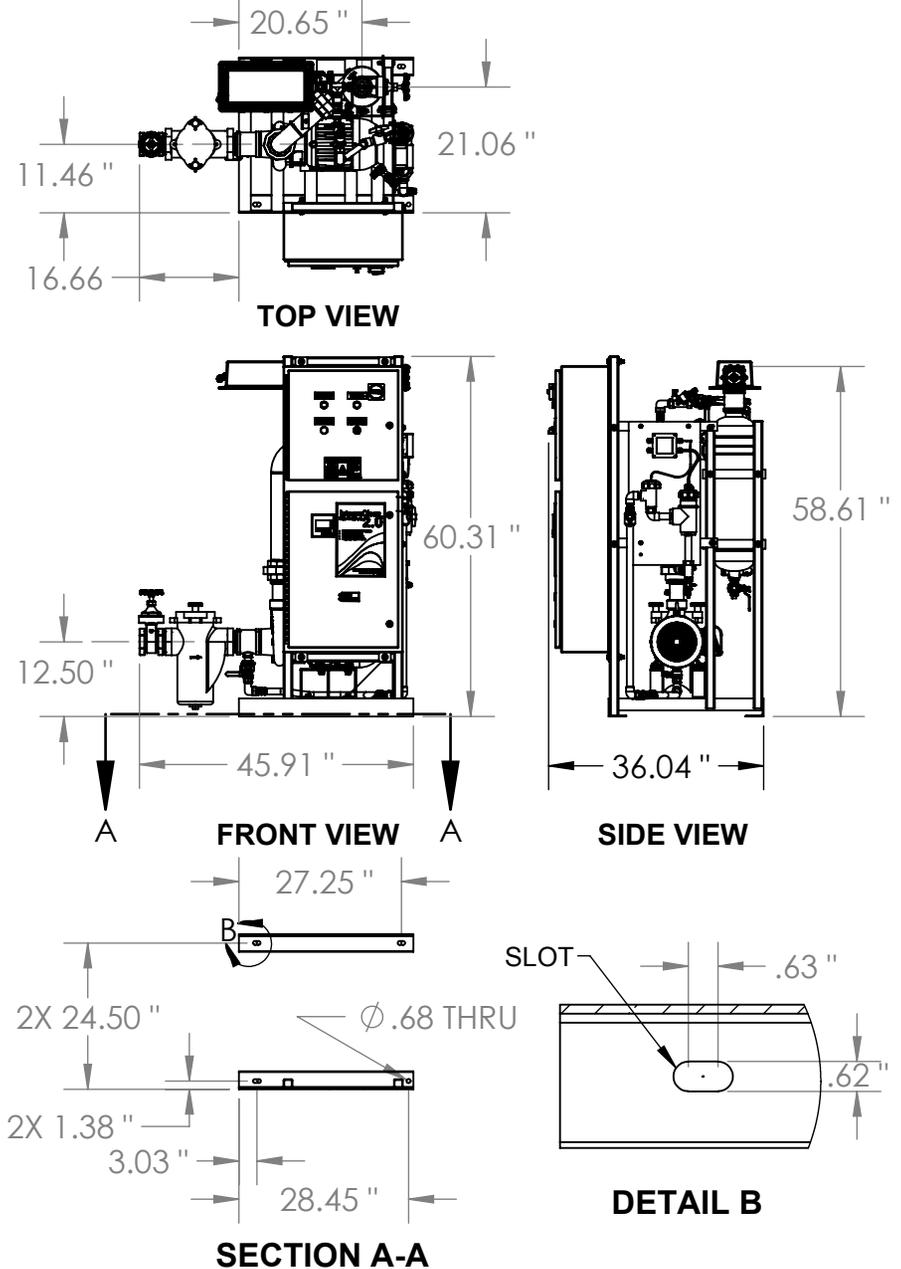
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|------------|---------------------|
| Pump inlet | 100 psi. (6.9 bar) |
| Vessel | 150 psi. (10.3 bar) |

MAX. TEMPERATURE

| | |
|--------|----------------|
| System | 100° F (38° C) |
|--------|----------------|

WAVE

| | |
|------------|-----------------------------------|
| Dimensions | See separate specification sheet. |
|------------|-----------------------------------|



IntegraClean-250-PKG