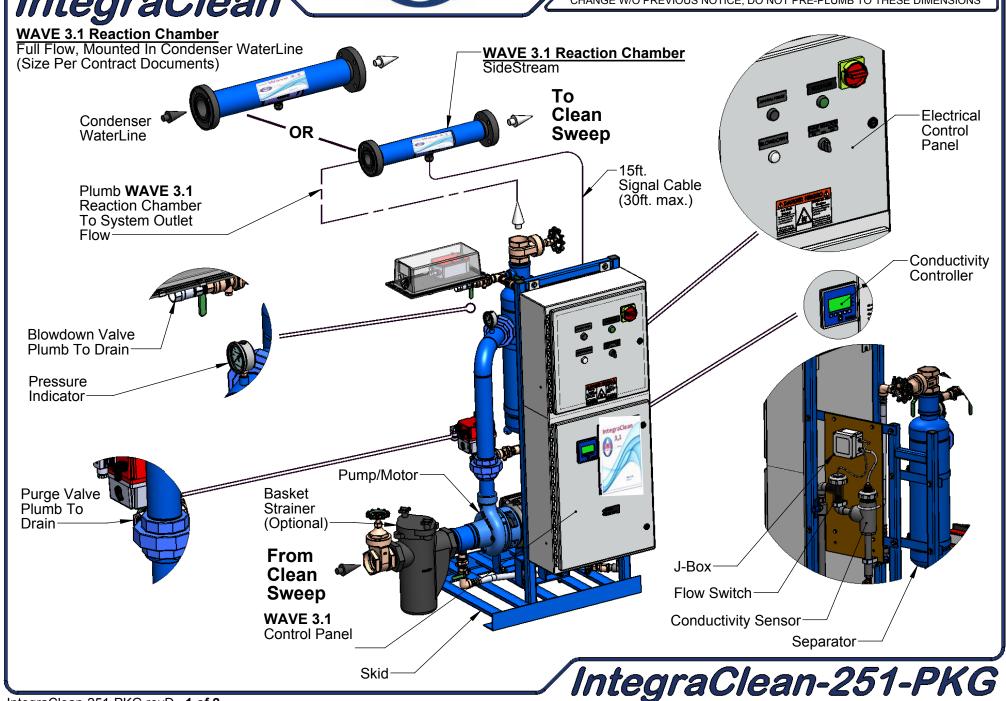


IntegraClean

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



IntegraClean

IntegraClean   C-251-D-HH							
Separator Model   CS-2.5-THA, Carbon Steel, Powder Coated.	IntegraClean IC-251-D-HH						
Frame Construction	Flow Rate	180 gpm a	180 gpm at 40 THD				
Pipe Assembly	Separator Model	CS-2.5-Th					
Motor Horsepower	Frame Construction	Carbon Steel, Powder Coated.					
Motor Horsepower		Carbon St	Carbon Steel, rust inhibitor primer, with enamel finish				
Motor RPM	ELECTRICAL						
Motor Voltage, 3 Phase	Motor Horsepower		3				
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 Internal Screen 11/4" 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 Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  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  Pump inlet 100 psi. (6.9 bar)  Vessel 150 psi. (10.3 bar)  MAX. TEMPERATURE  System 100° F (38° C)		1750	1750	1450	1750	1750	
System Total Amperage   9   8   10   14   15	<u> </u>	460	575	380-415	230	208	
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 approved. (NEMA 4X, Optional)   Electrical Components   Starter with Thermal Overload, HOA, stepdown, Pump "RUN" lights, Lockable Door Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  PROCESS INLET   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   Pump inlet   100 psi. (6.9 bar)   Vessel   150 psi. (10.3 bar)   MAX. TEMPERATURE   System   100° F (38° C)		4.8	3.9	6.1	9.6	10.6	
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 Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  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  Pump inlet 100 psi. (6.9 bar)  Vessel 150 psi. (10.3 bar)  MAX. TEMPERATURE  System 100° F (38° C)	System Total Amperage	9	8	10	14	15	
Pump Casing Pump Impeller Cast iron Std. Mechanical Seal Buna seal, carbon rotary, ceramic stationary.  BASKET STRAINER (OPTIONAL) Body Construction Internal Screen 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 Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  PROCESS INLET 3" FNPT 3" gate valve  PROCESS OUTLET 2 1/2" FNPT 2 1/2" gate valve  PURGE PORT Actuator motor Connection Type 1" Female NPT, MotoriBall Valve  MAX. PRESSURE Pump inlet 100 psi. (6.9 bar) Vessel 150 psi. (10.3 bar)  MAX. TEMPERATURE System 100° F (38° C)	PUMP	_					
Pump Impeller Std. Mechanical Seal Buna seal, carbon rotary, ceramic stationary.  BASKET STRAINER (OPTIONAL) Body Construction Internal Screen 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 Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  PROCESS INLET 3" FNPT 3" gate valve  PROCESS OUTLET 2 1/2" FNPT 2 1/2" gate valve  PURGE PORT Actuator motor Connection Type 1" Female NPT, MotoriBall Valve  MAX. PRESSURE Pump inlet 100 psi. (6.9 bar) Vessel 150 psi. (10.3 bar)  MAX. TEMPERATURE System 100° F (38° C)	Pump Operation	Flooded s	Flooded suction required				
Std. Mechanical Seal   Buna seal, carbon rotary, ceramic stationary.		Cast iron	Cast iron				
BASKET STRAINER (OPTIONAL)  Body Construction Internal Screen 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 Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  PROCESS INLET 3" FNPT 3" gate valve  PROCESS OUTLET 2 1/2" FNPT 2 1/2" gate valve  PURGE PORT Actuator motor Connection Type 1" Female NPT, MotoriBall Valve  MAX. PRESSURE Pump inlet 100 psi. (6.9 bar) Vessel 150 psi. (10.3 bar)  MAX. TEMPERATURE System 100° F (38° C)	Pump Impeller	Cast iron					
Body Construction							
Internal Screen 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 Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  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  Pump inlet 100 psi. (6.9 bar) Vessel 150 psi. (10.3 bar)  MAX. TEMPERATURE System 100° F (38° C)	BASKET STRAINER (OPTIONA	<u>L)</u>					
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 Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  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  Pump inlet 100 psi. (6.9 bar)  Vessel 150 psi. (10.3 bar)  MAX. TEMPERATURE  System 100° F (38° C)	Body Construction						
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 Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  PROCESS INLET  3" FNPT  3" gate valve  PROCESS OUTLET  2 1/2" FNPT  2 1/2" gate valve  PURGE PORT  Actuator motor  Connection Type  1" Female NPT, MotoriBall Valve  MAX. PRESSURE  Pump inlet  100 psi. (6.9 bar)  Vessel  150 psi. (10.3 bar)  MAX. TEMPERATURE  System  100° F (38° C)	Internal Screen	1/4" perforated 304 Stainless Steel					
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 Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  PROCESS INLET  3" FNPT  3" gate valve  PROCESS OUTLET  2 1/2" FNPT  2 1/2" gate valve  PURGE PORT  Actuator motor  Connection Type  1" Female NPT, MotoriBall Valve  MAX. PRESSURE  Pump inlet  100 psi. (6.9 bar)  Vessel  150 psi. (10.3 bar)  MAX. TEMPERATURE  System  100° F (38° C)							
Electrical Components  Starter with Thermal Overload, HOA, stepdown, Pump "RUN" lights, Lockable Door Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  PROCESS INLET  3" FNPT  3" gate valve  PROCESS OUTLET  2 1/2" FNPT  2 1/2" gate valve  PURGE PORT  Actuator motor  Connection Type  1" Female NPT, MotoriBall Valve  MAX. PRESSURE  Pump inlet  100 psi. (6.9 bar)  Vessel  100° F (38° C)  WAVE	CONTROL PANEL (UL listed an	d labeled, m	nanufacture	d to UL-50	8A Std.		
Pump "RUN" lights, Lockable Door Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical components.  PROCESS INLET  3" FNPT  3" gate valve  PROCESS OUTLET  2 1/2" FNPT  2 1/2" gate valve  PURGE PORT  Actuator motor  Connection Type  1" Female NPT, MotoriBall Valve  MAX. PRESSURE  Pump inlet  100 psi. (6.9 bar)  Vessel  150 psi. (10.3 bar)  MAX. TEMPERATURE  System  100° F (38° C)  WAVE	Enclosure	, , , , , , , , , , , , , , , , , , , ,					
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  Pump inlet 100 psi. (6.9 bar) Vessel 150 psi. (10.3 bar)  MAX. TEMPERATURE  System 100° F (38° C)  WAVE	Electrical Components	Pump "RU Magnetic ( all UL liste	Pump "RUN" lights, Lockable Door Didconnect, Magnetic Contactor Purge Timer, Manufactured with all UL listed and CSA approved electrical				
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           Pump inlet         100 psi. (6.9 bar)           Vessel         150 psi. (10.3 bar)           MAX. TEMPERATURE           System         100° F (38° C)           WAVE	PROCESS INLET						
2 1/2" FNPT   2 1/2" gate valve	3" FNPT	3" gate valve					
PURGE PORT  Actuator motor Connection Type  MAX. PRESSURE  Pump inlet Vessel  150 psi. (6.9 bar) Vessel  150 psi. (10.3 bar)  MAX. TEMPERATURE  System  100° F (38° C)  WAVE	PROCESS OUTLET						
Actuator motor	2 1/2" FNPT	2 1/2" gate valve					
Connection Type  MAX. PRESSURE  Pump inlet  100 psi. (6.9 bar)  Vessel  150 psi. (10.3 bar)  MAX. TEMPERATURE  System  100° F (38° C)  WAVE	PURGE PORT						
MAX. PRESSURE           Pump inlet         100 psi. (6.9 bar)           Vessel         150 psi. (10.3 bar)           MAX. TEMPERATURE           System         100° F (38° C)           WAVE	Actuator motor	120VAC	120VAC				
Pump inlet         100 psi. (6.9 bar)           Vessel         150 psi. (10.3 bar)           MAX. TEMPERATURE           System         100° F (38° C)           WAVE	Connection Type	1" Female	1" Female NPT, MotoriBall Valve				
Vessel         150 psi. (10.3 bar)           MAX. TEMPERATURE         100° F (38° C)           WAVE         100° F (38° C)	MAX. PRESSURE	•					
Vessel         150 psi. (10.3 bar)           MAX. TEMPERATURE         100° F (38° C)           WAVE         100° F (38° C)	Pump inlet	100 psi. (6	5.9 bar)				
System 100° F (38° C)  WAVE		150 psi. (1	0.3 bar)				
WAVE	MAX. TEMPERATURE						
WAVE	System	100° F (38	B° C)				
Dimensions See separate specification sheet.							
	Dimensions	See separ	ate specific	cation shee	t.		

THIS DRAWING IS FOR SPATIAL CONSIDERATION ONLY, AND SUBJECT TO CHANGE W/O PREVIOUS NOTICE, DO NOT PRE-PLUMB TO THESE DIMENSIONS 21.06" 11.46 " 16.66 **TOP VIEW** 58.61" 60.31 " 12.50 " 36.04"-**FRONT VIEW SIDE VIEW** 27.25 " **SLOT** 2X 24.50 " < Ø.68 " THRU 2X 1.38 " 2X 3.03 " — **DETAIL B** 28.45 " **SECTION A-A** IntegraClean-251-PKG