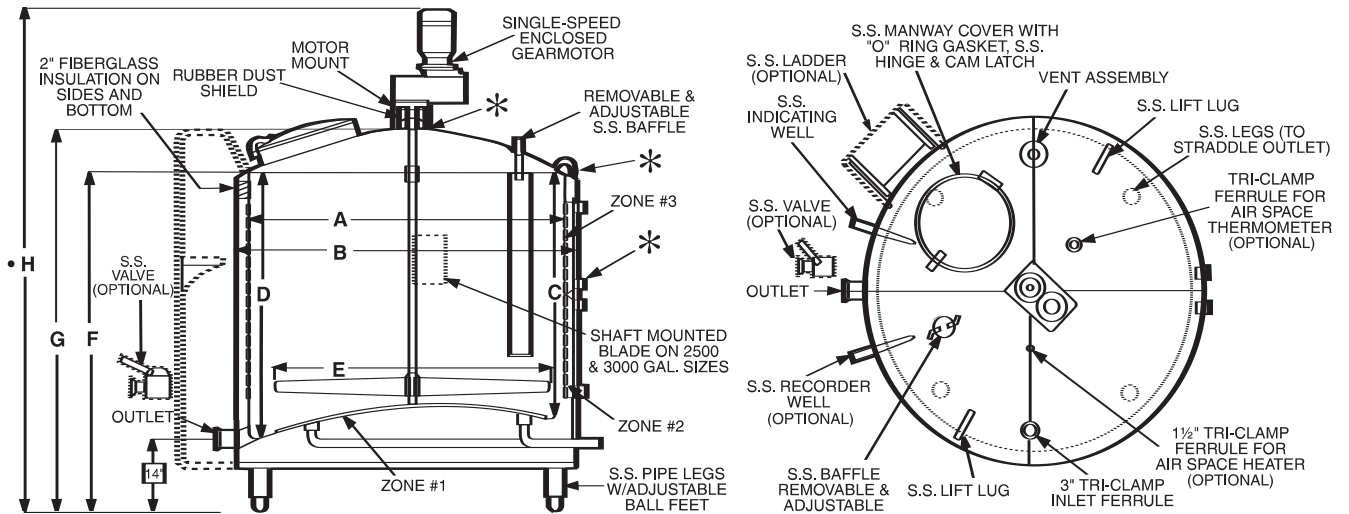




SPECIFICATIONS FOR PROCESSOR PZ

SLOPED BOTTOM, SIDE OUTLET



PZ DIMENSIONS

Rated Capacity	300	400	500	800	1000	1500	2000	2000	2500	3000
Actual Capacity	365	415	575	920	1140	1665	2250	2250	2750	3250
Dimensions (in)										
A=Inside Diameter	51	51	51	72	72	84	84	90	90	90
B=Outside Diameter	56	56	56	77	77	89	89	95	95	95
C=Short Shell Dim	39	45	63	50	62	67	91	78	96	114
D=Long Shell Dim	42	48	66	54	66	72	96	84	102	120
E=Sweep Diameter	41	41	41	62	62	74	74	80	80	80
F=Height to Top of Shell	60	66	84	72	84	90	114	102	120	138
G=Height to Dome Top	66	72	90	81	93	99	123	112	130	148
H=Overall Height	72	98	116	110	121	128	152	144	162	180
Agitator Assembly										
Bottom Sweep - HP	3/4 HP	3/4 HP	3/4 HP	1-1/2 HP	1-1/2 HP	2 HP	2 HP	3 HP	3 HP	3 HP
Bottom Sweep - RPM	35 RPM	35 RPM	35 RPM	24 RPM	24 RPM	25 RPM	25 RPM	23 RPM	23 RPM	23 RPM
Side & Bottom Sweep - HP	1 HP	1 HP	1 HP	2 HP	2 HP	3 HP	3 HP	5 HP	5 HP	5 HP
Side & Bottom Sweep - RPM	25 RPM	25 RPM	25 RPM	19 RPM	19 RPM	19 RPM	19 RPM	17 RPM	17 RPM	17 RPM
Number of Legs										
	4	4	4	4	4	4	4	6	6	6
Approx. Shipping Weight										
	1700	2000	2300	3200	4000	5000	6000	6000	7000	8000

Dome Top	10 ga	Outer Jacket.....	12 ga
Inner Shell	12 ga	Product Inlet	3"
Inner Bottom	10 ga	Product Outlet.....	2"



SPECIFICATIONS FOR PROCESSOR PZ SLOPED BOTTOM, SIDE OUTLET

The unit is a multi-purpose processor providing mixing and blending with fast heating and cooling. The stainless steel heat transfer surface covers the sidewalls and bottom and is divided into 3 or 4 (depending on size) separately controllable zones for maximum efficiency, flexibility and control when processing partial batches.

TANK MATERIAL

STANDARD

- 304 stainless steel top dome, inner side wall, inner bottom, # 4 finish
- Sanitary #4 finish all product contact surfaces
- Outer jacket T304 stainless steel
- T304 stainless #4 industrial finish on exterior surfaces

OPTIONAL MATERIAL

- Top dome, inner side wall, inner bottom 316L stainless steel
- Other materials upon request

OPTIONAL FINISHES

- OD, # 4 finish with welds stripe buffed
- Other finishes available upon request

INSULATION

STANDARD

- 2" fiberglass sides & bottom

OPTIONAL

- Insulated stainless steel outer top dome

AGITATOR ASSEMBLY

STANDARD

- Stainless steel, #4 polish long sweep ass'y designed for CIP operation & ease of disassembly.
- Tubular shaft, nylon bearings
- Opening - flared in center of dome with rubber dust shield
- Agitator Motor - single speed totally enclosed, fan cooled, gear motor, 230/460V/3/60 Hz

- Motor mounting bracket -type T304 stainless steel, # 4 polish

OPTIONAL

- Motor horsepower & RPM can be changed based on application
- Sealed agitator port with two piece rotary seal & dust shield

HEAT TRANSFER SURFACE

STANDARD

- Preformed stainless steel wall panels welded to outer surface of liner & divided into separate zones.
- Internal connections are stainless steel.

OPTIONAL

- Heat transfer jacket and pressure drop requirements based on application, contact factory for options.
- ASME code stamp vessel
- CRN code Stamp Vessel

MANWAY

STANDARD

- 18" diameter non-insulated stainless steel with "O" ring gasket in door

AIR VENT

STANDARD

- 3" vent tube with 4" vent screen up to 1000 gallon
- 4" vent tube with 5" vent screen on 1500 gallon and larger

PRODUCT INLET

STANDARD

- 3" stainless steel clamp style ferrule in dome

OPTIONAL

- 2" removable no-foam inlet assembly
- Removable double spray ball



SPECIFICATIONS FOR PROCESSOR PZ SLOPED BOTTOM, SIDE OUTLET

BAFFLE

STANDARD

- Removable and adjustable
- #4 stainless steel finish

LADDER

OPTIONAL

Optional stainless steel exterior ladder with platform permanently mounted at convenient working height

AIR SPACE HEATER OPENING

OPTIONAL

- 2" clamp type ferrule in dome for air space thermometer
- 1-1/2" clamp type ferrule in dome for air space heater connection

CIP

OPTIONAL

- 3" clamp style ferrule in dome for CIP assembly

THERMOMETER FITTINGS

STANDARD

- two stainless steel projectile type wells through side wall for indicating & recording thermometers.

OPTIONAL

- Stainless steel mounting lugs for recording thermometer
- Additional ferrules as required

PRODUCT OUTLET

STANDARD

- Standard clamp style ferrule
- Variety of valve options

LEGS

STANDARD

- Stainless steel legs with adjustable ball feet & steel bracing with # 4 finish

OPTIONAL

- Extended legs & bracing Legs