



# Stainless Steel Processors

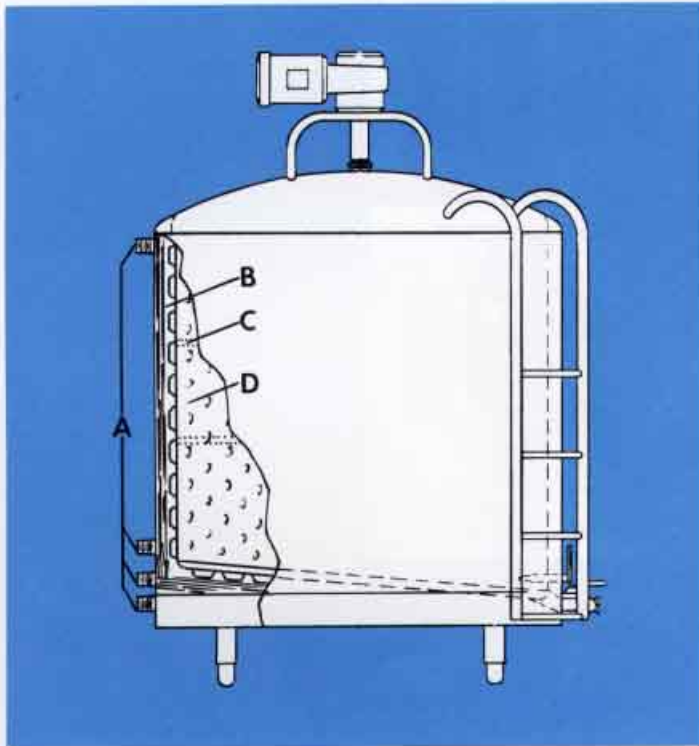




## Multi-Purpose **PROCESSORS**

Standard Capacities  
200 to 2000 U.S. Gallons

Larger Sizes Available  
Upon Request



### Heating and Cooling

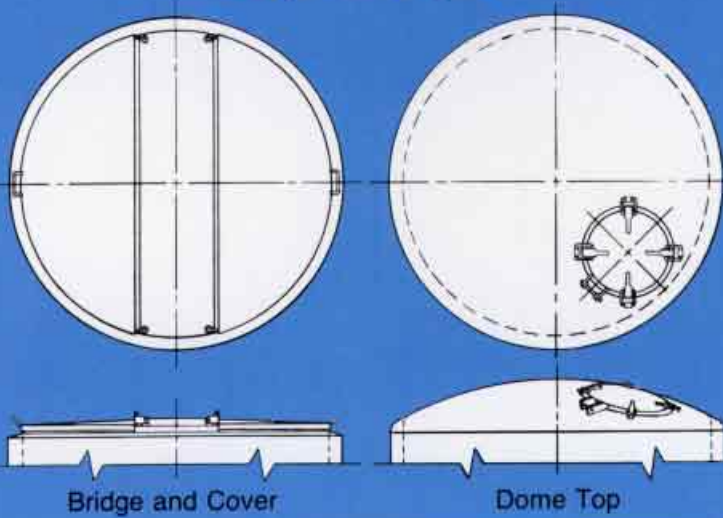
All units have Pressure Wall providing high-velocity, baffle-controlled turbulent flow of heating or cooling media — steam, hot water or chilled water. An all-stainless steel pressure wall assures long life, maximum efficiency and uniformity in heating and cooling. Zoned areas permit flexibility for partial batches.

#### Pressure Wall Details:

- A Stainless steel inlets and outlets.
- B Dimpled, baffled stainless steel.
- C Zone-controlled section.
- D Close-spacing of dimples adds to strength and increases media turbulence.

**NOTE: Equipment to be operated as pasteurizers.** DCI processors are available with accessories for use as pasteurizers in compliance with 3A requirements.

## Top Designs



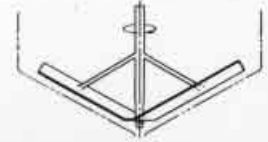
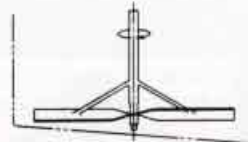
## Agitation Systems

For ease of cleanability, the DCI agitator design eliminates necessity of take-apart couplings or assemblies in the product zone.

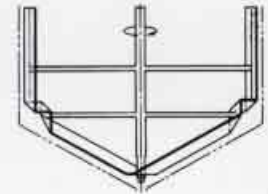
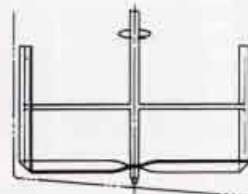
- The Full-Bottom Sweep Agitators are designed for heavy-duty performance. They achieve rapid and thorough mixing and blending with most efficient heat transfer on light-through-heavy bodied products.
- The Bottom and Side Sweep Agitators are designed for most rapid heating or cooling of heavy-bodied products without blade contact on processor surfaces.
- The Scraper Blade Agitators are designed for extremely heavy-bodied or viscous products.
- All center-mounted agitators include baffles.
- Propeller-Type Agitators are mounted off-center for fast, effective, "rotate and lift" mixing on light to medium-bodied liquids.
- Turbine Agitators are available for high-speed, sheer-type mixing and blending.

### PITCHED BOTTOM

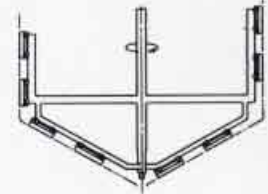
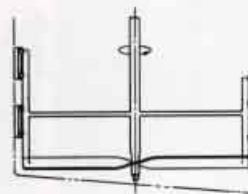
### CONED-BOTTOM



Bottom-Sweep



Bottom and Side Sweep



Scraper Combinations



Propeller Type



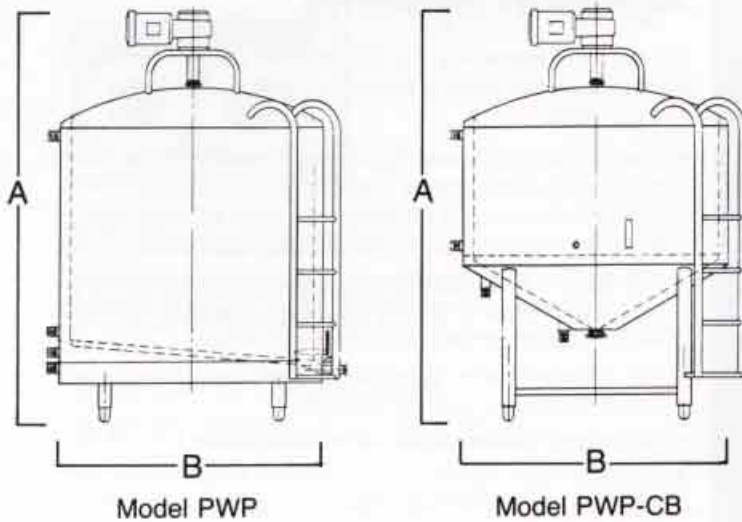
(4) Blade Axial Turbine Type



Radial Turbine Type



# DCI Stainless Steel Processors



## Dimensions

### MODEL PWP

Gallons Capacity	A	B	Approximate Shipping Weight
200	68"	54"	1810
300	80"	54"	2320
400	78"	66"	2465
500	87"	66"	2735
600	84½"	76½"	3295
800	95½"	76½"	3870
800	84"	88½"	3870
1000	108½"	76½"	4670
1000	94"	88½"	4670
1500	119"	88½"	5610
1500	106"	100½"	5610
2000	123"	100½"	6680

## Standard Specifications — Atmospheric Operation\*

- LINER — 18-8 type 304 #4 polish stainless steel.
- OUTER JACKET — 18-8 type 304 #4 polish stainless steel with 2B finish stainless steel exterior bottom. (Coned-bottom units have #4 polish stainless steel outer coned bottom.)
- INSULATION — 2" insulation of sidewall and bottom.
- TOP HEAD — Dome top with 18" diameter hinged and gasketed manhole cover. (Center bridge and hinged covers optional.)
- INLET — 2" stainless steel, removable no-foam inlet in top head or center bridge.
- OUTLET — 2" ferrule on all processors.
- AGITATOR — Bottom sweep with baffle standard. Two-speed, 3-phase, 60 cycle, 230 volt, totally enclosed gear motor, agitator drive. (Side-sweep scraper blade and turbine-type agitators available.)
- THERMOMETER OPENINGS — Projectile wells for indicating and recording thermometers, standard on all models.
- LEGS — Stainless steel legs and adjustable sanitary-type ball feet.

### MODEL PWP-CB

Gallons Capacity	A	B	Approximate Shipping Weight
200	89¼"	54"	1925
300	101¼"	54"	2560
400	110½"	66"	2613
500	108½"	66"	2890
600	105¼"	76½"	3465
800	116¼"	76½"	4050
800	110¼"	88½"	4860
1000	130¼"	76½"	4860
1000	117¼"	88½"	5820
1500	141¼"	88½"	5820
1500	131½"	100½"	5820
2000	147½"	100½"	6920

\* Can also be provided for applications requiring pressure and/or vacuum operation.

ALL DIMENSIONS & WEIGHTS APPROXIMATE



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DCI serves the Beverage, Chemical, Dairy, Food and Pharmaceutical Industries. Whatever your equipment needs, our capabilities, experience and craftsmanship will provide the quality, design, engineering and performance you require.



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