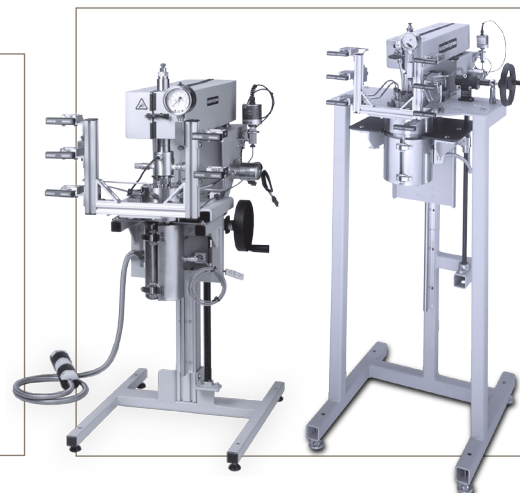


# Stirred Reactor

## Conversion Kit Ordering Guide



### Ordering Guide:

<b>B</b>	<b>C</b>	<b>K</b>	<b>1</b>	<b>3</b>	<b>H</b>	<b>C</b>	<b>1</b>	<b>0</b>	<b>B</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>
<b>A</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>C</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>L</b>

Part Number Example: **BCK13HC10B11132** (example selections indicated in yellow below)

A - Closure Type	
<b>B</b>	Bolted Closure
<b>E</b>	EZE-Seal
<b>Z</b>	Zipperclave®

B - Size	
<b>CK13</b>	Converts 100 ml to 300 ml (Zipperclave N/A)
<b>CK31</b>	Converts 300 ml to 100 ml (Zipperclave N/A)
<b>CK51</b>	Converts 500 ml to 1000 ml
<b>CK15</b>	Converts 1000 ml to 500 ml
<b>CK24</b>	Converts 2000 ml to 4000 ml
<b>CK42</b>	Converts 4000 ml to 2000 ml

C - Materials	
<b>SS</b>	316 Stainless Steel
<b>HC</b>	Hastelloy® C-276 *

D - Flush Valve (Body Bottom Connection)	
<b>0</b>	None
<b>1</b>	1/2" Port with Manual Flush Valve (500 ml & larger only) (Requires Floor Stand)
<b>2</b>	Flat Bottom Connection (Plugged) F437FB 100 - 1000 ml Reactors F750FB 2000 - 4000 ml Reactors

E - Approvals	
<b>0</b>	None
<b>1</b>	ASME Code Stamp
<b>2</b>	CE Mark Compliance
<b>3</b>	Canadian Registration

F - Impellers/Shaft/Baffle Bars	
<b>A</b>	Dispersimax (6 Blades) with Baffle Bar
<b>B</b>	Turbine (6 Blades) with Baffle Bar
<b>C</b>	Axial-Up (4 Blades) with Baffle Bar
<b>D</b>	Axial-Down (4 Blades) with Baffle Bar
<b>E</b>	No Impeller (Hollow Shaft & Baffle Bar)
<b>F</b>	No Impeller (Solid Shaft & Baffle Bar)

G - Liquid Sample	
<b>0</b>	None
<b>1</b>	Sample Tube Only
<b>2</b>	Sample Tube with Manual Valve <sup>1</sup>

H - Blow Pipe <sup>2</sup>	
<b>0</b>	None
<b>1</b>	Blow Pipe Only
<b>2</b>	Blow pipe with Manual Valve <sup>1</sup>

I - Sparge Tube <sup>2</sup>	
<b>0</b>	None
<b>1</b>	Sparge Tube Only
<b>2</b>	Sparge Tube with Manual Valve <sup>1</sup>

J - Cooling Coil	
<b>0</b>	None
<b>1</b>	Cooling Only
<b>2</b>	Cooling Coil with Manual Valve <sup>1</sup>
<b>3</b>	Cooling Coil with Solenoid Valve (120V)
<b>4</b>	Cooling Coil with Solenoid Valve (240V)

L - Heating and Cooling <sup>3, 4, 5</sup>	
<b>0</b>	None
<b>1</b>	120 VAC Single Phase Electric Band Heater
<b>2</b>	240 VAC Single Phase Electric Band Heater
<b>3</b>	120 VAC Purgeable Furnace
<b>4</b>	240 VAC Purgeable Furnace
<b>5</b>	Baffled Removable Jacket 1/4" NPT (450°F (232°C) Maximum)

#### NOTES:

1. Tubing to connect valves to reactor cover NOT included, consult factory if needed.
2. Sparge Tube or Blow Pipe are available on 100-300 ml Reactors, but not both together.
3. Verify furnace power and voltage (or amperage) for compatibility with temperature controllers.
4. 4000 ml only available in 240 VAC Power Supply.
5. When heating/cooling is selected, the reactor is supplied with a process Type K Thermocouple and Thermowell, and an external Type K Thermocouple. When no heating/cooling is selected, the reactor will be supplied with a plugged connection for the process thermocouple.

\* Hastelloy® is a registered trademark of Haynes International Inc.



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## Ordering Guide:

Closure Type and Reactor Volumes Available		
Bolted Closure	Eze-Seal	Zipperclave®
100 ml	100 ml	500 ml
300 ml	300 ml	1000 ml
500 ml	500 ml	2000 ml
1000 ml	1000 ml	4000 ml
2000 ml	2000 ml	
4000 ml	4000 ml	
Closure Type and Conversion Kits Available		
Bolted Closure	Eze-Seal	Zipperclave®
100 ml to 300 ml	100 ml to 300 ml	500 ml to 1000 ml
300 ml to 100 ml	300 ml to 100 ml	1000 ml to 500 ml
500 ml to 1000 ml	500 ml to 1000 ml	2000 ml to 4000 ml
1000 ml to 500 ml	1000 ml to 500 ml	4000 ml to 2000 ml
2000 ml to 4000 ml	2000 ml to 4000 ml	
4000 ml to 2000 ml	4000 ml to 2000 ml	

## Supporting Information:

Please refer to the following sections of the catalog for complimentary products and additional technical details.

- **“Stirred Reactor Ordering Guide”** - Provides general information on all of Parker Autoclave stirred reactors.
- **“Pressure Vessels”** - Provides details on vessel assemblies.
- **“Agitation”** - Provides additional specifications on the MagneDrive® magnetic agitator and available impeller systems.

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Bulletin SR-CKOG

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