

Series 4555 Pressure Reactor System Specifications

Shaded bar indicates specifications that change within series.

Model Number	4555	4556	4557	4558
Sizes, Gallon (Liter)	5 (18.75)	2.6 (10)	5 (18.75)	2.6 (10)
Maximum Pressure (MAWP)	1900 psi (131 bar)			
Maximum Temperature				
with FKM O-ring	225 °C			
with FFKM O-ring	275 °C			
with PTFE Flat Gasket	350 °C			
Vessel Style	Moveable Head		Fixed Head	
Reactor Mounting	Cart		Floor Stand	
Closure	Split-Ring (12 Cap Screws)			
Valve Connections	3/8" NPT Male			
Magnetic Stirrer, Model No.	A1750HC			
Maximum Torque	60 Inch-Pounds			
Impeller(s), 6-Blades	2 (5.25" dia.)	2 (3.85" dia.)	2 (5.25" dia.)	2 (3.85" dia.)
Pressure Gage, Size	4.5 inches			
Range	0-2000 psi (140 bar)			
Temperature Measurement	Thermowell			
Cooling Coil	Standard			
Style	Serpentine			
Bottom Drain Valve	1.0" NPT			
Heater Style	Ceramic, 3-Zone		Band Heater, 3-Zone	
Heater Power, Watts	4500	4250	6000	3600
Stirrer Motor	3/4 hp variable speed			
Electrical Supply				
Volts, AC	230-1P or 400-480V 3-Phase "Y"			
Maximum Load	1P-40 amps, 3P-15 amps/leg			
Vessel Dimensions				
Inside Diameter, inches	9.5	7.75	9.5	7.75
Inside Depth, inches	16.25	12.2	16.25	12.2
Weight of Vessel, pounds	375	250	375	250
Reactor Dimensions				
Width, inches w/o Controller	60		42.5	
Depth, inches	24		29	
Height, inches	96		93.25	84.25
Weight, pounds	1000	900	1000	900
Spare Parts Kit	4559PCM		4559PDM	

Other options available. See Ordering Guide, visit www.parrinst.com, or call for more information.