



VACUUM PROCESS ENGINEERING

Model	A13	
Part Number	HX-01047	
Material	316/316L	
Overall Dimensions (Core) (W x L x H)	1 x 30 x 0.98 in	25.4 x 762 x 25 mm
Length (between side nozzle centers)	28.9 in	734 mm
Max Pressure	2616 psig (@302°F)	180.4 barg (@150°C)
Max Temperature	1000°F (@2000 psig)	538°C (@137.9 barg)
Surface Area (Side A)	2.192 ft <sup>2</sup>	0.2036 m <sup>2</sup>
Surface Area (Side B)	2.555 ft <sup>2</sup>	0.2374 m <sup>2</sup>
Internal Volume (Side A)	0.0157 gal	0.0593 lt
Internal Volume (Side B)	0.0185 gal	0.0700 lt
Connector (in)	3/8 NPT Female	

Model	A13	
Part Number	HX-01048	
Material	Al 6061	
Overall Dimensions (Core) (W x L x H)	1 x 30 x 0.98 in	25.4 x 762 x 25 mm
Length (between side nozzle centers)	28.9 in	734 mm
Max Pressure	1800 psig (@224.8°F)	124.1 barg (@107.1°C)
Max Temperature	392°F (@715.7 psig)	200°C (@49.3 barg)
Surface Area (Side A)	2.192 ft <sup>2</sup>	0.2036 m <sup>2</sup>
Surface Area (Side B)	2.555 ft <sup>2</sup>	0.2374 m <sup>2</sup>
Internal Volume (Side A)	0.0157 gal	0.0593 lt
Internal Volume (Side B)	0.0185 gal	0.0700 lt
Connector (in)	3/8 NPT Female	



<b>Model</b>	<b>A13</b>	
<b>Part Number</b>	HX-01049	
<b>Material</b>	Ti Grade 2	
<b>Overall Dimensions (Core) (W x L x H)</b>	1 x 30 x 0.98 in	25.4 x 762 x 25 mm
<b>Length (between side nozzle centers)</b>	28.9 in	734 mm
<b>Max Pressure</b>	1800 psig (@307°F)	124.1 barg (@153°C)
<b>Max Temperature</b>	617°F (@1123 psig)	325°C (@77.4 barg)
<b>Surface Area (Side A)</b>	2.192 ft <sup>2</sup>	0.2036 m <sup>2</sup>
<b>Surface Area (Side B)</b>	2.555 ft <sup>2</sup>	0.2374 m <sup>2</sup>
<b>Internal Volume (Side A)</b>	0.0157 gal	0.0593 lt
<b>Internal Volume (Side B)</b>	0.0185 gal	0.0700 lt
<b>Connector (in)</b>	3/8 NPT Female	