

# Technical Specifications - VAU Blockbuster VM 60

## Brazed Plate Heat Exchanger

### VM 60 / ...



Fittings are available for threaded (NPT and BSPP), sweat (solder), and ProPress.  
Male NPT 1 1/4 inch is standard for both the primary and secondary port connections.

1. Materials	
Plates	:AISI 316L SS
Connectors/Fittings	:AISI 316L SS
Brazing	:Copper 99.9%
Product Label	:Temp. Resistant Material

2. Operating Conditions	
Environ. temp. range	
- in operation	40...105°F
- in transport/storage	-40...180°F
Max. allowed pressure:	435 psi
Test pressure:	652 psi
Min. allowed temp.:	14°F
Max. allowed temp.:	+383°F
Max. delta T prim/sec:	302°F

3. Safety Standard Compliance	
(To the extent that the product is used in an application corresponding to these standards.)	
DIN = German National Standards (Deutsches Institut für Normung e.V.)	
DIN 4751 - Mechanical Safety Equipment for Hot Water Heating Systems	
DIN 4753 - Water Heaters/Heating Installations for Drinking & Service Water	
DIN 1988 (parts 1-7) - Tech. Regulations for Drinking Water Installations	

4. Design Specifications									
Plate count	Int. Volumes (ounces)		Dimensions (inches)					Weight (empty) (lbs)	Surface Area (sq. ft.)
	primary	second.	Depth L	Width		Height			
				B	b	H	h		
6	8.52	12.78	1.33	4.88	2.72	20.94	18.74	11.68	2.87
8	12.78	17.04	1.51	4.88	2.72	20.94	18.74	12.57	4.26
10	17.04	21.30	1.69	4.88	2.72	20.94	18.74	13.45	5.68
14	25.56	29.82	2.06	4.88	2.72	20.94	18.74	15.21	8.53
20	38.35	42.61	2.60	4.88	2.72	20.94	18.74	17.86	12.79
24	46.87	51.13	2.96	4.88	2.72	20.94	18.74	19.62	15.63
30	59.65	63.91	3.50	4.88	2.72	20.94	18.74	22.27	19.89
40	80.95	85.21	4.41	4.88	2.72	20.94	18.74	26.68	27.00
50	102.25	106.51	5.31	4.88	2.72	20.94	18.74	31.09	34.10
60	123.56	127.82	6.22	4.88	2.72	20.94	18.74	35.49	41.20
80	166.16	170.42	8.03	4.88	2.72	20.94	18.74	44.31	55.41
100	208.77	213.03	9.84	4.88	2.72	20.94	18.74	53.13	69.62

