

Technical Specifications - VAU Blockbuster VM 85 Flanged

Brazed Plate Heat Exchanger:

VM 85 / ...

Fittings are DN 50 flange.

Standard fittings are DN 50 DIN 2656.



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 (gal.)		Dimensions (inches)					Weight (empty) (lbs)	Surface Area (sq. ft.)
	primary	second.	Depth L	Width B b		Height H h			
30	0.96	1.03	7.05	10.67	7.80	20.94	18.11	75.44	45.21
40	1.30	1.37	7.95	10.67	7.80	20.94	18.11	84.70	61.35
50	1.65	1.72	8.86	10.67	7.80	20.94	18.11	93.96	77.50
60	1.99	2.06	9.76	10.67	7.80	20.94	18.11	103.22	93.65
70	2.34	2.40	10.67	10.67	7.80	20.94	18.11	112.48	109.79
80	2.68	2.75	11.57	10.67	7.80	20.94	18.11	121.74	125.94
90	3.02	3.09	12.48	10.67	7.80	20.94	18.11	131.00	142.08
100	3.37	3.43	13.39	10.67	7.80	20.94	18.11	140.26	158.23
110	3.71	3.78	14.29	10.67	7.80	20.94	18.11	149.52	174.37
120	4.05	4.12	15.20	10.67	7.80	20.94	18.11	158.78	190.52
130	4.40	4.46	16.10	10.67	7.80	20.94	18.11	168.04	206.67
140	4.74	4.81	17.01	10.67	7.80	20.94	18.11	177.30	222.81
150	5.08	5.15	17.91	10.67	7.80	20.94	18.11	186.56	238.96
180	6.11	6.18	20.63	10.67	7.80	20.94	18.11	214.33	287.40
200	6.80	6.87	22.44	10.67	7.80	20.94	18.11	232.85	319.69

