



**THE G. C. BROACH COMPANY**  
**BROACH GAS-TO-GAS PLATE HEAT EXCHANGER DATA SHEET**

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Customer \_\_\_\_\_

Date \_\_\_\_\_  
 Broach Ref: \_\_\_\_\_

	PROCESS DESIGN DATA		
1			
2	BLOCK DESIGNATION	All	
3			
4	DESIGN PLATE TEMP., Deg. F	700	
5	MIN CALC. PLATE TEMP., Deg. F		
6	DESIGN PRESSURE DIFFERENTIAL FOR PLATES, "WC	30	
7	DESIGN FRAME TEMP., Deg. F	300	
8			
9			
10			
11	PLATE WIDTH, In.	56	
12	PLATE HEIGHT, In.	155	
13	PLATE THICKNESS, In.	.060	
14	WIDTH OF AIR CHANNEL, In.	.500	
15	WIDTH OF FLUE GAS CHANNEL, In.	.4375	
16			
17			
18	AIR SIDE RIB PITCH, In.	6	
19	FLUE GAS SIDE RIB PITCH, In.	6	
20	NO. OF PLATES PER BLOCK	119	
21	NO. OF BLOCKS	1	
22			
23			
24			
25	PLATE MATERIAL	Carbon Steel	
26	RIB MATERIAL Air/Gas	Carbon Steel/Carbon Steel	
27	FRAME MATERIAL	Carbon Steel	
28	BOLTS FOR BLOCK CONSTRUCTION		
29	BOLTS FOR FIELD ERECTION		
30			
31			
32			
33	OVERALL SIZE,	See Drawing	
34	HEIGHT, In.		
35	WIDTH, In.		
36	LENGTH, In.		
37	TOTAL WEIGHT, Lbs.		
38			
39			
40	SHIPMENT		
41	HEIGHT OF UNIT, In.		
42	WIDTH OF UNIT, In.		
43	LENGTH OF UNIT, In.		
44	WEIGHT PER UNIT, Lbs.		
45	NO. OF UNITS		
46			
47			

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