

ACCU-THERM FLOW DIAGRAM

CUSTOMER: TRANS-MARKET

LOCATION: TAMPA, FL ,

DATE: 11/01/1994

INQUIRY NUMBER : P1991-44.44

SERIAL NO.: 101176-04

TYPE: ACCUTHERM 161 FF / B-10

MEDIUM HOT: SS OJ 120.0 GPM FROM 90.0 °F TO 33.0 °F PRESS. DROP 4.1 PSI

MEDIUM COLD: 30% PROP GLY 325.0 GPM FROM 28.0 °F TO 49.2 °F PRESS. DROP 20.5 PSI

DESIGN PRESS: 75 PSI G

DESIGN TEMP: 150°F

TEST PRESS: 98 PSI G

PLATE MATERIAL: 1.3 MM 316S/S

PACK LENGTH MAX: 40.19 Inch

GASKET MATERIAL: NBR/FDA

VOLUME: 119.90 Gallons

PACK LENGTH MIN: 38.01 Inch

GUIDE LENGTH: 84.00 Inch

BOLT LENGTH: 60.00 Inch

HOT-SIDE FLOW PATH: 5 X 10 + 1 X 11

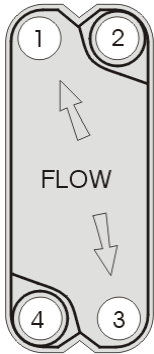
COLD-SIDE FLOW PATH: 5 X 10 + 1 X 11

CONNECTIONS	TYPE	MATERIAL	SIZE	POSITION
HOT IN	FERRULE	316L S/S	3.00	4F
HOT OUT	FERRULE	316L S/S	3.00	4R
COLD IN	FERRULE	316L S/S	3.00	3R
COLD OUT	FERRULE	316L S/S	3.00	3F
SPARE	FERRULE	316L S/S	3.00	1F W/ PLUG AND CAP
SPARE	FERRULE	316L S/S	3.00	2F W/ PLUG AND CAP

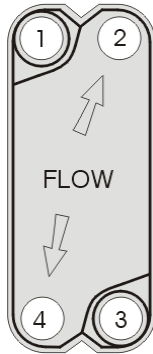
PICTORIAL VIEW AND TERMINOLOGY FOR PLATES AND GASKETS

NORMAL GASKETS

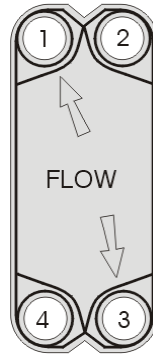
FULL GASKETS



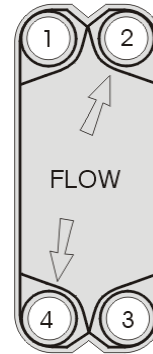
161 FF -L



161 FF -R



161 FF -LF



161 FF -RF

L = LEFT HAND R = RIGHT HAND

PLATES AS VIEWED FROM FIXED END FRAME

GASKETED SIDE OF PLATE FACES MOVABLE END FRAME

	3F	4F	2F	1F	FIXED END FRAME STYLE / OPENINGS
1-					-161 FF-LS / 3 4
2-					-----161 FF-R / 1 2 3 4
3-					-----161 FF-L / 1 2 3 4
4-					-----161 FF-R / 1 2 3 4
5-					-----161 FF-L / 1 2 3 4
6-					-----161 FF-R / 1 2 3 4
7-					-----161 FF-L / 1 2 3 4
8-					-----161 FF-R / 1 2 3 4
9-					-----161 FF-L / 1 2 3 4
10-					-----161 FF-R / 1 2 3 4
11-					-----161 FF-L / 1 2 3 4
12-					-----161 FF-R / 1 2 3 4
13-					-----161 FF-L / 1 2 3 4
14-					-----161 FF-R / 1 2 3 4
15-					-----161 FF-L / 1 2 3 4
16-					-----161 FF-R / 1 2 3 4
17-					-----161 FF-L / 1 2 3 4
18-					-----161 FF-R / 1 2 3 4
19-					-----161 FF-L / 1 2 3 4
20-					-----161 FF-R / 1 2 3 4
21-					-161 FF-L / 1 2 1/8" DRAIN @ 3 4
22-					-----161 FF-R / 1 2 3 4
23-					-----161 FF-L / 1 2 3 4
24-					-----161 FF-R / 1 2 3 4
25-					-----161 FF-L / 1 2 3 4
26-					-----161 FF-R / 1 2 3 4
27-					-----161 FF-L / 1 2 3 4
28-					-----161 FF-R / 1 2 3 4
29-					-----161 FF-L / 1 2 3 4
30-					-----161 FF-R / 1 2 3 4
31-					-----161 FF-L / 1 2 3 4
32-					-----161 FF-R / 1 2 3 4
33-					-----161 FF-L / 1 2 3 4
34-					-----161 FF-R / 1 2 3 4
35-					-----161 FF-L / 1 2 3 4
36-					-----161 FF-R / 1 2 3 4
37-					-----161 FF-L / 1 2 3 4
38-					-----161 FF-R / 1 2 3 4
39-					-----161 FF-L / 1 2 3 4
40-					-----161 FF-R / 1 2 3 4
41-					-161 FF-L / 3 4 1/8" VENT @ 1 2
42-					-----161 FF-R / 1 2 3 4
43-					-----161 FF-L / 1 2 3 4
44-					-----161 FF-R / 1 2 3 4
45-					-----161 FF-L / 1 2 3 4
46-					-----161 FF-R / 1 2 3 4
47-					-----161 FF-L / 1 2 3 4
48-					-----161 FF-R / 1 2 3 4
49-					-----161 FF-L / 1 2 3 4
50-					-----161 FF-R / 1 2 3 4
51-					-----161 FF-L / 1 2 3 4
52-					-----161 FF-R / 1 2 3 4
53-					-----161 FF-L / 1 2 3 4
54-					-----161 FF-R / 1 2 3 4
55-					-----161 FF-L / 1 2 3 4
56-					-----161 FF-R / 1 2 3 4
57-					-----161 FF-L / 1 2 3 4
58-					-----161 FF-R / 1 2 3 4
59-					-----161 FF-L / 1 2 3 4
60-					-----161 FF-R / 1 2 3 4
61-					-161 FF-L / 1 2 1/8" DRAIN @ 3 4
62-					-----161 FF-R / 1 2 3 4
63-					-----161 FF-L / 1 2 3 4
64-					-----161 FF-R / 1 2 3 4
65-					-----161 FF-L / 1 2 3 4
66-					-----161 FF-R / 1 2 3 4
67-					-----161 FF-L / 1 2 3 4
68-					-----161 FF-R / 1 2 3 4
69-					-----161 FF-L / 1 2 3 4
70-					-----161 FF-R / 1 2 3 4
71-					-----161 FF-L / 1 2 3 4
72-					-----161 FF-R / 1 2 3 4
73-					-----161 FF-L / 1 2 3 4
74-					-----161 FF-R / 1 2 3 4
75-					-----161 FF-L / 1 2 3 4
76-					-----161 FF-R / 1 2 3 4
77-					-----161 FF-L / 1 2 3 4
78-					-----161 FF-R / 1 2 3 4
79-					-----161 FF-L / 1 2 3 4
80-					-----161 FF-R / 1 2 3 4
81-					-161 FF-L / 3 4 1/8" VENT @ 1 2

ACCU-THERM PLATE USAGE SUMMARY

CUSTOMER: TRANS-MARKET

LOCATION: TAMPA,FL ,

DATE: 11/01/1994

INQUIRY NUMBER : P1991-44.44

SALES ORDER NO.: 101176-04

NUMBER HX-PLATES	PLATE MATERIAL	GASKET MATERIAL	STYLE / OPENINGS	PLATE NUMBER
1	316S/S	NBR/FDA	161 FF-LS / 3 4	1
61	316S/S	NBR/FDA	161 FF-R / 1 2 3 4	
55	316S/S	NBR/FDA	161 FF-L / 1 2 3 4	
3	316S/S	NBR/FDA	161 FF-L / 1 2	
2	316S/S	NBR/FDA	161 FF-L / 3 4	
1	316S/S	FULL NBR/FDA	161 FF-LF / 3 4	123

NOTE:

(4) VENTS NEEDED ON THIS UNIT

(6) DRAINS NEEDED ON THIS UNIT