

16.1.1998

REF.NO. ORDER NO. QTY. DESCRIPTION

OIL CIRCULATION

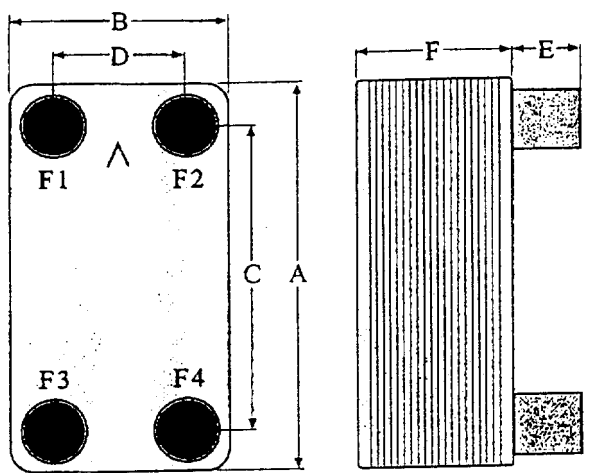
1	NT0907	2	SUPPORT
2	NT0928	2	BRACKET
3		1	OIL COOLER
4	NT0909	1	BRACKET
5	NT0921	4	WASHER
6	NT0479	1	THERMOSTAT VALVE
7	NT0927	1	BRACKET
8	NT0088	1	PLUG
9	NT1372	1	PIPE CLAMP
10	NT2237	1	TUBE
11	NT0912	2	RED.DOUBLE NIPPLE
12	NT1379	1	NIPPLE
13	NT0913	8	HOSE FITTING
14	NT1503	5	HOSE CLAMP
15	NT0920	2	HOSE
16	NT0854	1	ELBOW
17	NT0910	3	ELBOW
18	NT1055	16	NUT
19	NT0840	6	HEX.SCREW
20	NT1306	2	ELBOW
21	NT0929	1	HEX.SOCKET PLUG
22	NT0415	3	CONNECTOR
24	NT2341	3	PIPE
25	NT0526	1	OIL FILTER HOUSING
26	NT0545	1	OIL FILTER ELEMENT
28	NT0930	1	RED.NIPPLE
29	NT0931	1	RED.DOUBLE NIPPLE
30	NT0932	1	VALVE
31	NT0934	1	SCREEN
32	NT0480	1	2-WAY SOLENOID VALVE
33	NT0933	2	DOUBLE NIPPLE
34	NT1349	1	PIPE CLAMP
35	NT1549	4	NUT
36	NT0917	2	RED.NIPPLE
37	NT0869	2	HEX.SCREW
38	NT0431	2	NUT
39	NT0876	1	GASKET
41	NT0550	1	CONNECTOR
43	NT2453	1	AFTER COOLER
44	NT0831	2	CONNECTOR
45		1	MUFFEL
46		1	PIPE ELBOW
47		1	WATER SEPARATOR
48	NT2633	1	T-NIPPLE
49	NT1483	1	DOUBLE NIPPLE
50		1	SAFETY VALVE

Figures

OIL COOLER
PART NO (17)

SPiR pg. 3
Line no. 3

Standard Connections:



CBE Type	Soldered		Threaded inch	E mm
	mm	inch		
B5	22	7/8	3/4	20
B8	22	7/8	3/4	20
B15	22	7/8	3/4	20
B10	28	1 1/8	1	20
B25	28	1 1/8	1	20
V25	22 - 28 ¹⁾	7/8 - 1 1/8 ¹⁾	1	20
B27	35	1 3/8	1 1/4	27
V27	22 - 35 ¹⁾	7/8 - 1 3/8 ¹⁾	1 1/4	27
B35	42	1 5/8	1 1/2	27
B45	42	1 5/8	1 1/2	27
V45	22 - 42 ¹⁾	7/8 - 1 5/8 ¹⁾	1 1/2	27
B50	66	2 5/8	2 1/2	54
V50	28 - 66 ¹⁾	1 1/8 - 2 5/8 ¹⁾	2 1/2	54
R50	28 - 66 ¹⁾	1 1/8 - 2 5/8 ¹⁾	2 1/2	54

¹⁾ Inlet/outlet connections on refrigerant side

Type	Dimensions (mm)					Max no. of plates	Area/plate (m ²)	Volume/channel (l)	Max flow rate (m ³)	Weight empty (kg)
	A	B	C	D	F					
B5	187	72	154	40	9+2.3 x NP	60	0.012	0.021	4	0.6+0.044 x NP
B8	310	72	278	40	9+2.3 x NP	60	0.023	0.034	4	0.9+0.070 x NP
B15	465	72	432	40	9+2.3 x NP	60	0.036	0.051	4	1.3+0.106 x NP
B10	287	117	243	72	9+2.4 x NP	120	0.032	0.049	12	1.5+0.126 x NP
B25	524	117	479	72	9+2.4 x NP	120	0.063	0.095	12	2.5+0.234 x NP
V25 ²⁾	524	117	479	72	9+2.4 x NP	120	0.063	0.095	12	2.5+0.254 x NP
B27	526	119	470	63	10+2.4 x NP	120	0.063	0.095	20	2+0.24 x NP
V27 ²⁾	526	119	470	63	10+2.4 x NP	120	0.063	0.095	20	2+0.26 x NP
B35	392	241	324	174	11+2.4 x NP	200	0.093	0.141	35	4.2+0.336 x NP
B45	524	241	456	174	11+2.4 x NP	200	0.128	0.188	35	5.5+0.427 x NP
V45 ²⁾	524	241	456	174	11+2.4 x NP	200	0.128	0.188	35	5.5+0.447 x NP
B50	524	241	441	159	13+2.4 x NP	250	0.112	0.188	70	13+0.424 x NP
V50 ²⁾	524	241	³⁾	³⁾	13+2.4 x NP	250	0.112	0.188	70	13+0.431 x NP
R50	524	241	³⁾	³⁾	13+2.4 x NP	250	0.112	0.188	70	13+0.431 x NP

NP = number of plates
²⁾ Equipped with a distribution system for evaporation applications
³⁾ Please see customer drawing

Materials:

Plates and connections: AISI 316 Stainless Steel
 Solder: Copper 99.9%

Process conditions:

Max. pressure: 3.0 MPa
 Max. temperature: 185° C
 Min. temperature: -195° C

Authorization:

USA: Underwriters Laboratories (UL)
 Canada: Canadian Standards Association (CSA)
 Germany: Technische Überwachungsverein (TÜV)
 Norway: Kjelkontrollen
 Sweden: Statens Anläggningsprovning (SA)

Designs are subject to change without notice.