

Secondary Refrigerant - 35% Glycol Fluid

Notes:

- A. System fluid must be maintained within parameters defined by fluid supplier.
- B. Valves provided:
 - Ball valve on Inlet
 - Balancing valve on outlet
- C. All conventional load data is for lighted shelves when that option is offered
- D. Flow rate and pressure drop data is for 1/2 the case on FW model.
- E. BTU load data can be found on the case data sheet.



					25°F Entering Fluid Application Data			20°F Entering Fluid Application Data		
Line	Model	Kit Nomen.	Defrost Freq (hours)	Defrost Duration (min.)	Coil Inlet Temp °F	Flow Rate gpm	Pressure Drop psi	Coil Inlet Temp °F	Flow Rate gpm	Pressure Drop psi
2	B3XC-12LGEP	KJ02	8	35	25	6.1	6.1	20	2.5	2.2
3	B3XC-8LEP	KJ01	8	35	25	4.9	7.4	20	2.0	2.7
4	B3XC-8LGEP	KJ01	8	35	25	4.0	5.9	20	1.7	2.1
5	C2X-12EP	KJ10	8	35	25	3.2	2.5	20	2.2	2.1
6	C2X-12LEP	KJ10	8	35	25	3.6	2.9	20	2.5	2.4
7	C2X-12LGEP	KJ10	8	35	25	3.0	2.2	20	2.1	1.9
8	C2X-12XGEP	KJ02	8	35	25	4.4	4.2	20	1.9	1.5
9	C2X-12XLEP	KJ02	8	35	25	5.3	5.3	20	2.2	1.9
10	C2X-12XLGEP	KJ02	8	35	25	4.6	4.3	20	1.9	1.6
11	C2X-6LEP	KJ11	8	35	25	1.8	1.6	20	0.8	0.5
12	C2X-6LGEP	KJ11	8	35	25	1.5	1.3	20	0.7	0.4
13	C2X-6XLEP	KJ12	8	30	25	2.4	2.7	20	1.1	1.0
14	C2X-6XLGEP	KJ12	8	30	25	2.1	2.2	20	1.0	0.8
15	C2X-8EP	KJ09	8	35	25	2.1	2.4	20	1.5	2.0
16	C2X-8LEP	KJ09	8	35	25	2.4	2.8	20	1.6	2.3
17	C2X-8LGEP	KJ09	8	35	25	2.0	2.2	20	1.4	1.8
18	C2X-8XEP	KJ01	8	30	25	3.3	4.7	20	1.4	1.7
19	C2X-8XGEP	KJ01	8	35	25	3.0	4.1	20	1.2	1.4
20	C2X-8XLEP	KJ01	8	35	25	3.6	5.1	20	1.5	1.8
21	C2X-8XLGEP	KJ01	8	35	25	3.1	4.2	20	1.3	1.5
22	C3X-6LGEP	KW08	8	30	25	3.4	4.4	20	1.4	1.5
23	C5X-12EP	KJ16	8	30	25	7.4	8.5	20	3.4	3.6
24	C5X-12LEP	KJ16	8	30	25	7.4	8.5	20	3.4	3.6
25	C5X-8EP	KJ15	8	30	25	4.9	8.3	20	2.3	3.4
26	C5X-8LEP	KJ15	8	30	25	4.9	8.3	20	2.3	3.4
27	C6X-12EP	KJ16	8	30	25	7.2	8.3	20	3.3	3.5
28	C6X-12LEP	KJ16	8	30	25	7.6	8.8	20	3.5	3.7
29	C6X-12LRE	KY36	6	35	NA	NA	NA	20	8.9	9.3
30	C6X-4EP	KJ13	8	30	25	2.4	6.8	20	1.1	2.7
31	C6X-4LEP	KJ13	8	30	25	2.5	7.2	20	1.2	2.8
32	C6X-6EP	KJ14	8	30	25	3.6	4.8	20	1.7	1.9
33	C6X-6LEP	KJ14	8	30	25	3.8	5.1	20	1.8	2.0
34	C6X-8EP	KJ15	8	30	25	4.8	8.1	20	2.2	3.3
35	C6X-8LEP	KJ15	8	30	25	5.0	8.6	20	2.3	3.5
36	C6X-8LRE	KY35	6	35	NA	NA	NA	20	5.9	8.9
37	D5NX-12EP	KY34	8	30	25	7.1	8.2	20	3.3	3.4
38	D5NX-12LEP	KY34	8	30	25	7.4	8.5	20	3.4	3.5
39	D5NX-4LEP	KR69	8	30	25	2.5	7.0	20	1.1	2.7
40	D5NX-6LEP	KR76	8	30	25	3.7	4.9	20	1.7	1.9
41	D5NX-8EP	KY33	8	30	25	4.7	8.0	20	2.2	3.3
42	D5NX-8LEP	KY33	8	30	25	4.9	8.3	20	2.3	3.4
43	D5X-12EP	KJ16	8	30	25	6.6	7.5	20	3.0	3.1
44	D5X-12HEP	KJ16	8	30	25	6.3	7.0	20	2.9	2.9
45	D5X-12LEP	KJ16	8	30	25	6.9	7.9	20	3.2	3.2
46	D5X-12ULEP	KJ16	6	20	25	7.9	9.3	20	3.6	3.9
47	D5X-4LEP	KJ13	8	30	25	2.3	6.4	20	1.1	2.6
48	D5X-4ULEP	KJ13	6	20	25	2.6	7.0	20	1.2	1.5
49	D5X-6EP	KJ14	8	30	25	3.3	4.3	20	1.5	1.7
50	D5X-6LEP	KJ14	8	30	25	3.4	4.5	20	1.7	1.9
51	D5X-6ULEP	KJ14	6	20	25	4.3	6.0	20	1.8	2.1
52	D5X-8EP	KJ15	8	30	25	4.4	7.3	20	2.0	3.0
53	D5X-8HEP	KJ15	8	30	25	4.2	6.8	20	1.9	2.8
54	D5X-8LEP	KJ15	8	30	25	4.6	7.7	20	2.1	3.1
55	D5X-8ULEP	KJ15	6	20	25	5.3	9.1	20	2.4	3.7
56	D6NX-12LEP	KY34	8	30	25	7.9	9.3	20	3.6	3.8
57	D6NX-4LEP	KR69	8	30	25	2.6	7.7	20	1.2	3.1
58	D6NX-6LEP	KR76	8	30	25	4.0	5.4	20	1.8	2.1
59	D6NX-8LEP	KY33	8	30	25	5.3	9.1	20	2.4	3.7
60	D6X-12ULEP	KJ16	6	25	25	8.3	9.8	20	4.1	4.5
61	D6X-12URLE	LG61	6	45	NA	NA	NA	20	8.9	8.3
62	D6X-4ULEP	KJ13	6	25	25	2.8	8.1	20	1.4	3.6
63	D6X-6ULEP	KJ14	6	25	25	4.1	5.7	20	2.1	2.5
64	D6X-8ULEP	KJ15	6	25	25	5.5	9.6	20	2.8	4.3
65	D6X-8URLE	LG28	6	45	NA	NA	NA	20	5.9	7.8
66	FL5NX-12LEP	KY34	8	20	25	5.2	5.5	20	2.4	2.4
67	FL5NX-8LEP	KY33	8	20	25	3.5	5.4	20	1.6	2.2
68	M1X-12EP	KX97	12	40	25	4.1	2.6	20	1.6	1.0
69	M1X-12GEP	KX97	12	40	25	3.0	1.8	20	1.1	0.6
70	M1X-8EP	KX96	12	40	25	2.8	2.5	20	1.0	0.9
71	M1X-8GEP	KX96	12	40	25	2.0	1.7	20	0.8	0.5
72	M1XD-12GEP	KX97	12	40	25	2.1	1.3	20	1.0	0.5
73	M1XD-8GEP	KX96	12	40	25	1.4	1.2	20	0.7	0.4
74	M5X-12EP	KY09	6	30	25	7.9	9.3	20	3.3	3.5
75	M5X-12GEP	KY09	6	30	25	7.1	8.2	20	3.0	3.1
76	M5X-8EP	KY08	6	30	25	5.3	9.1	20	2.2	3.3
77	M5X-8GEP	KY08	6	30	25	4.7	8.0	20	2.0	2.9
78	P1X50-12EP	KX97	8	35	25	3.1	1.9	20	1.3	0.7
79	P1X50-8EP	KX96	8	35	25	2.1	1.7	20	0.9	0.5
80	P2X-12EP	KJ10	12	20	25	3.0	2.3	20	1.3	0.8
81	P2X-8EP	KJ09	12	20	25	2.0	2.2	20	0.9	0.7
82	P4X-12EP	KY09	6	30	25	7.4	8.6	20	3.1	3.3
83	P4X-8EP	KY08	6	30	25	4.9	8.4	20	2.1	3.1
Wedges										
1	WI45P4XEP	I45KY08			25	1.2	5.6	20	0.5	2.0
Islands										
1	FW-12	KJ06	24	25	25	1.9	7.4	20	0.9	4.0
2	FW-8	KJ05	24	25	25	1.2	3.2	20	0.6	1.7
3	FW-E	KJ04	24	25	25	1.0	2.0	20	0.5	1.1
4	PW-8E	KY19	6	45	NA	NA	NA	20	1.3	3.1
5	PW-12E	KY20	6	45	NA	NA	NA	20	1.9	3.4
6	CW2EGE	KS64	6	45	NA	NA	NA	20	2.3	7.1
Service Deli										
1	ESBD-8	HM84	12	90	NA	NA	NA	20	1.3	0.9
2	ESBD-12	HM85	12	90	NA	NA	NA	20	2.0	1.2
3	ESBDHV-8	HM84	12	90	NA	NA	NA	20	1.5	3.7
4	ESBDHV-12	HM85	12	90	NA	NA	NA	20	2.2	4.0
5	SMBT-8	HM84	12	90	NA	NA	NA	20	1.6	4.0
6	SMBT-12	HM85	12	90	NA	NA	NA	20	2.3	4.3
7	SMGV-8	KY22	24	70	NA	NA	NA	20	1.3	4.0
8	SMGV-12	KY23	24	70	NA	NA	NA	20	2.0	5.0
9	SMGT-8	KY22	24	70	NA	NA	NA	20	1.8	5.8
10	SMGT-12	KY23	24	70	NA	NA	NA	20	2.7	6.0
11	RI2-8	KR22	4	20	NA	NA	NA	20	2.7	2.0
12	RI2-10	IW45	4	20	NA	NA	NA	20	3.4	3.2
13	RI3-8	KR29	4	20	NA	NA	NA	20	2.9	2.2
14	RI3-10	IW45	4	20	NA	NA	NA	20	3.6	3.5
15	RI3-12	IW46	4	20	NA	NA	NA	20	4.3	5.0
16	E3-8	LG43	6	40	NA	NA	NA	20	4.4	6.4
17	E3-12	LH03	6	40	NA	NA	NA	20	6.6	6.7
18	E3-6	LG42	6	40	NA	NA	NA	20	3.3	3.8
19	E2V-6	GJ66	6	40	NA	NA	NA	20	2.2	2.1
20	E2V-8	CZ33	6	40	NA	NA	NA	20	2.9	3.5
21	E2V-12	CZ34	6	40	NA	NA	NA	20	4.3	4.5

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Notes:

A. System fluid must be maintained within parameters defined by fluid supplier.

B. Valves provided:

- Ball valve on Inlet
- Balancing valve on outlet

C. All conventional load data is for lighted shelves when that option is offered

D. Load data for FW, PW, CW2, RI, and SI island cases is for the entire case. Flow rate and pressure drop data is for 1/2 the case (excluding end

20°F Entering Fluid Application Data

Line	Model	Conventional Load per Foot Btu/hr/ft	Discharge Air Temp °F	Coil Number of Tubes	Coil Fins per Inch	Coil Number of Circuits	Coil Length (in)	Coil Type	Kit Nomen.	Defrost Freq (hours)	Defrost Duration (min.)	Coil Inlet Temp °F	Coil Temp Rise °F	Average Coil Temp °F	Flow Rate gpm	Pressure Drop psi
18	RI2-12	1575	27	18	5	3	93			4	20	20	5.0	22.5	4.1	4.6

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D. Load data for FW, PW, CW2, RI, and SI island cases is for the entire case. Flow rate and pressure drop data is for 1/2 the case (excluding end

blue = from lab test data

red = possible change needed

20°F Entering Fluid Application Data

Line	Model	Conventional Load per Foot Btu/hr/ft	Discharge Air Temp °F	Coil Number of Tubes	Coil Fins per Inch	Coil Number of Circuits	Coil Length (in)	Coil Type	Kit Nomen.	Defrost Freq (hours)	Defrost Duration (min.)	Coil Inlet Temp °F	Coil Temp Rise °F	Average Coil Temp °F	Flow Rate gpm	Pressure Drop psi
24	PWEE	2730 Btu/hr	32	36	3	2	42.5		KY21	6	45	20	8.0	24.0	0.7	4.8
31	CW2U-90XGE	2050	28	36	3	2	42.5			6	45	20	7.0	23.5	1.3	9.3
	(end section)	5300 Btu/hr	28	36	3	2	30			6	45	20	5.0	22.5	2.3	7.3
32	CW2U-138XGE	2050	28	36	3	2	42.5			6	45	20	7.0	23.5	2.5	10.0
	(end section)	5300 Btu/hr	28	36	3	2	30			6	45	20	5.0	22.5	2.3	7.3