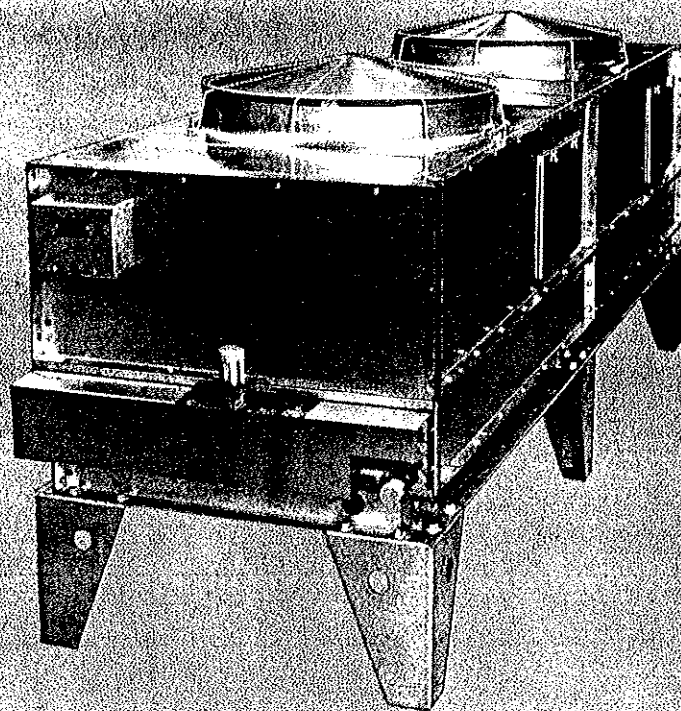


KACD REMOTE AIR COOLED CONDENSERS



FEATURES

Housing and legs are constructed of heavy mill galvanized steel. Extra heavy channels are located under coil sections. Fan panels have deep spun orifices for added rigidity and more efficient fan performance.

Divider baffles are located between each fan on 1 thru 5 fan units and between each bank of two fans on larger units. 2 x 2 thru 2 x 5 fan units also have a baffle between the two fan sections at the connection end. Each compartment of 1 or 2 fans has an access door to facilitate coil cleaning.

Coil. The coil is constructed of copper tubes and aluminum fins spaced by collars at 8, 10, or 12 fins/inch. One thru five fan units have one coil as standard. 2 x 2 thru 2 x 5 units have two coils. Coil return bends are protected by heavy removable covers.

Brass ferrules are inserted in the steel end plates and intermediate tube support sheets. This unique feature protects individual tubes from wear when the tube bundle expands and contracts.

Fans & Motors. Aluminum bladed fans are direct driven by 850 RPM motors. Low tip speeds result in quiet operation. Large 30 inch diameter fans insure full coil air coverage eliminating a shortage of

air and resultant uneven expansion of the outboard tubes.

Fans are arranged for vertical air discharge. Horizontal air discharge is not available.

Motors are $\frac{3}{4}$ or 1 HP with three phase inherent overheat protection and sealed ball bearings. Electrical characteristics are 208-230/3/60 or 460/3/60 at 850 RPM and 380/3/50 at 710 RPM.

Motor stator, rotor, and hardware are moisture resistant treated for condenser duty.

Electrical. Motors are factory wired to a weather resistant junction box with a moisture resistant wiring harness. Each motor lead (3 per motor) in the junction box will be numbered in sequence as shown on page 10. One contactor, provided by others, can be used to start all motors. Disconnect switches must also be provided when required. Factory mounted weather resistant control panels are provided with low ambient head pressure controls, otherwise all motor leads are brought to a junction box.

SAMPLE SPECIFICATION

Furnish and install (No.) Model KACD (No.) remote air cooled condensers with vertical air discharge. Casing shall be mill galvanized steel with access doors for coil cleaning. Coil shall have

copper tubes with (8) (10) (12) aluminum fins per inch. Fans shall be 30 inch diameter, aluminum bladed, direct driven at 850 RPM by $\frac{3}{4}$ or 1 HP, (208-230/3/60) (460/3/60), weather protected motors with three phase inherent overload protection and sealed ball bearings. Fan motors shall be factory wired to a weather resistant junction box. Disconnect switches are to be furnished by the electrical contractor. Total heat of rejection shall be _____ MBH. Design TD is _____ °F resulting in a saturated condensing temperature of _____ °F with _____ °F entering air.

OPTIONS

- A. Provide low ambient head pressure control (Type).
- B. Provide coil multi-circuited as per the schedule shown on drawings.
- C. Provide 42 inch high legs and wind bracing.
- D. Provide gravity discharge damper over fans that use fan cycling low ambient head pressure control.
- E. Provide a liquid sub-cooling section (may increase condenser size—not practical for TD's less than 15°F).
- F. Provide individual compartmented fans (2x2, 2x3, 2x4, and 2x5 models).

SELECTION

LOW AMBIENT HEAD PRESSURE CONTROLS

Thermal Fantrol utilizes line voltage thermostats to cycle fan motors in response to entering air temperature.

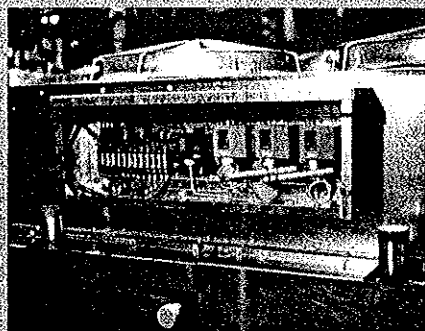
Thermal Pressure Fantrol has refrigerant pressure switch(es) to by-pass fan cycling thermostat(s). This allows some fans to operate in response to head pressure during a peak load, such as pull down.

Pressuretrol utilizes line voltage pressure switches to cycle fan motors in response to head pressure.

Hold-Back Control utilizes a valve in the condenser liquid drain which floods the condenser in response to head pressure.

Dual Hold-Back Control utilizes liquid drain valves with two pressure settings. Heat reclaim systems can have two stages of heat. Hot gas defrost systems need only increase head pressure when defrosting. Saves energy.

Combination Fantrol Hold-Back systems will reduce the refrigerant charge and minimize fan energy.



ELECTRICAL CONTROL PANELS

Factory mounted and wired weather resistant control panels include all necessary line voltage thermostats or pressure switches. A local disconnect means is not included.

1 thru 5 fan unit control panels are located on the left side of the condenser when facing the connection end. 2x2 thru 2x5 fan units have control panels located on the connection end.

Fuses are provided on the line side of each fan cycle control when specified.

Capacity of a remote air cooled condenser is based on total heat rejected (THR) at the condenser. This is the sum of the evaporator refrigeration effect and the heat of compression created by the compressor. The heat of compression will vary with operating conditions and the type of compressor design.

Whenever possible, use the compressor manufacturer's heat of rejection ratings. Basic formulas which apply to reciprocating compressors are:

Open Compressors:

THR = Compressor Capacity (BTUH) + (2545 × BHP input)

Suction Gas Cooled Hermetic Compressors:

THR = Compressor Capacity (BTUH) + (3413 × KW input)

Use manufacturer's ratings for screw compressors and internally compounded compressors.

Required THR may be estimated by using the factors shown in the tables. Altitude will also affect condenser performance, and should be taken into consideration. Multiply the compressor(s) capacity by the proper factors to obtain required condenser THR.

Condenser capacity is directly proportional to the TD. TD is defined as the difference in degrees Fahrenheit between saturated condensing temperature and entering air temperature.

Dependent on condenser location, entering air temperature may be higher than ambient.

Once a selection has been made, the ACTUAL TD can be calculated by dividing the required THR by the selected condenser THR at 1°TD.

FLUID COOLING

Contact the factory for selections to cool various liquids such as glycols and oils.

HEAT OF COMPRESSION AND ALTITUDE FACTORS

THR CONDENSER LOAD = COMPRESSOR CAPACITY × FACTOR

OPEN COMPRESSORS

EVAPORATOR TEMP (F)	CONDENSING TEMPERATURE (F)						
	90	100	110	120	130	140	150
-30	1.37	1.42	1.47	*	*	*	*
-20	1.33	1.37	1.42	1.47	*	*	*
-10	1.28	1.32	1.37	1.42	1.47	*	*
0	1.24	1.28	1.32	1.37	1.41	1.47	
10	1.21	1.24	1.28	1.32	1.36	1.42	
20	1.17	1.20	1.24	1.28	1.32	1.37	
30	1.14	1.17	1.20	1.24	1.27	1.32	
40	1.12	1.15	1.17	1.20	1.23	1.28	
50	1.09	1.12	1.14	1.17	1.20	1.24	

SUCTION COOLED HERMETIC COMPRESSORS

EVAPORATOR TEMP (F)	CONDENSING TEMPERATURE (F)					
	90	100	110	120	130	140
-40	1.66	1.73	1.80	2.00	*	*
-30	1.57	1.62	1.68	1.80	*	*
-20	1.49	1.53	1.58	1.65	*	*
-10	1.42	1.46	1.50	1.57	1.64	*
0	1.36	1.40	1.44	1.50	1.56	1.62
5	1.33	1.37	1.41	1.46	1.52	1.59
10	1.31	1.34	1.38	1.43	1.49	1.55
15	1.28	1.32	1.35	1.40	1.46	1.52
20	1.26	1.29	1.33	1.37	1.43	1.49
25	1.24	1.27	1.31	1.35	1.40	1.45
30	1.22	1.25	1.28	1.32	1.37	1.42
40	1.18	1.21	1.24	1.27	1.31	1.35
50	1.14	1.17	1.20	1.23	1.26	1.29

*BEYOND THE NORMAL LIMITS FOR SINGLE STAGE COMPRESSOR APPLICATION.

ALTITUDE

TD	Factor
1000	1.02
2000	1.05
3000	1.07
4000	1.10
5000	1.12
6000	1.15
7000	1.17

CAPACITY DATA

KACD MODEL	FINS INCH	NO.-HP FANS	ROWS DEEP	TOTAL HEAT REJECTION—BTUH (000)									
				R-12					R-22				
				1° TD	10° TD	15° TD	20° TD	25° TD	1° TD	10° TD	15° TD	20° TD	25° TD
11	10	1— $\frac{3}{4}$	3	5.2	52	78	104	130	5.5	55	82	110	138
13	12	1—1	3	5.7	57	86	115	143	6.0	60	90	120	150
15	12	1—1	4	6.7	67	101	135	168	7.1	71	106	141	176
23	10	2— $\frac{3}{4}$	3	10.5	105	158	210	263	11.0	110	164	220	275
25	12	2—1	3	11.5	115	172	229	288	12.1	121	181	242	301
30	12	2—1	4	13.6	136	204	272	340	14.3	143	214	285	356
33	10	3— $\frac{3}{4}$	3	15.7	157	236	314	393	16.5	165	246	330	413
38	12	3—1	3	17.3	173	260	347	433	18.2	182	273	364	455
44	12	3—1	4	20.3	203	304	405	508	21.3	213	319	425	531
45	10	4— $\frac{3}{4}$	3	20.9	209	314	418	523	22.0	220	330	440	550
50	12	4—1	3	23.1	231	347	463	578	24.3	243	364	486	606
57	12	4—1	4	26.9	269	404	539	673	28.3	283	424	565	706
56	10	5— $\frac{3}{4}$	3	26.2	262	393	524	655	27.5	275	413	550	688
61	12	5—1	3	28.9	289	433	577	722	30.3	303	455	606	758
73	12	5—1	4	33.8	338	507	676	844	35.5	355	532	710	887
46	10	2 x 2— $\frac{3}{4}$	3	20.9	209	314	418	523	22.0	220	330	440	550
51	12	2 x 2—1	3	23.1	231	347	463	578	24.3	243	364	486	606
58	12	2 x 2—1	4	26.9	269	404	539	673	28.3	283	424	565	706
69	10	2 x 3— $\frac{3}{4}$	3	31.4	314	471	628	785	33.0	330	492	660	825
76	12	2 x 3—1	3	34.6	346	519	692	865	36.3	363	545	727	909
88	12	2 x 3—1	4	40.5	405	607	809	1013	42.5	425	638	851	1064
92	10	2 x 4— $\frac{3}{4}$	3	41.8	418	627	836	1045	44.0	440	656	880	1100
101	12	2 x 4—1	3	46.1	461	692	923	1153	48.5	485	727	969	1211
118	12	2 x 4—1	4	53.9	539	808	1077	1348	56.6	566	849	1132	1415
115	10	2 x 5— $\frac{3}{4}$	3	52.4	524	786	1048	1310	55.0	550	825	1100	1375
127	12	2 x 5—1	3	57.7	577	865	1153	1443	60.6	606	909	1212	1515
148	12	2 x 5—1	4	67.5	675	1013	1351	1688	70.9	709	1064	1419	1774
10	8	1— $\frac{3}{4}$	3	4.7	47	71	94	118	5.0	50	75	100	125
12	8	1— $\frac{3}{4}$	4	5.5	55	83	110	138	5.9	59	88	118	147
14	8	1—1	6	6.2	62	93	124	155	6.6	66	99	132	165
21	8	2— $\frac{3}{4}$	3	9.5	95	142	190	238	10.0	100	150	200	250
24	8	2— $\frac{3}{4}$	4	11.2	112	168	224	280	11.8	118	177	236	295
27	8	2—1	6	12.7	127	190	254	318	13.2	132	198	264	330
31	8	3— $\frac{3}{4}$	3	14.3	143	214	286	358	15.0	150	225	300	375
37	8	3— $\frac{3}{4}$	4	16.9	169	253	338	423	17.7	177	265	354	442
41	8	3—1	6	18.9	189	283	378	473	19.8	198	297	396	495
43	8	4— $\frac{3}{4}$	3	19.0	190	285	380	475	20.0	200	300	400	500
48	8	4— $\frac{3}{4}$	4	22.5	225	337	450	563	23.6	236	354	479	590
54	8	4—1	6	25.0	250	375	500	625	26.4	264	396	528	660
52	8	5— $\frac{3}{4}$	3	23.8	238	357	476	595	25.0	250	375	500	625
59	8	5— $\frac{3}{4}$	4	28.1	281	422	562	703	29.5	295	443	590	738
66	8	5—1	6	31.4	314	471	628	785	33.0	330	495	660	825
42	8	2 x 2— $\frac{3}{4}$	3	19.0	190	285	380	475	20.0	200	300	400	500
49	8	2 x 2— $\frac{3}{4}$	4	22.5	225	337	450	563	23.6	236	354	479	590
55	8	2 x 2—1	6	25.0	250	375	500	625	26.4	264	396	528	660
63	8	2 x 3— $\frac{3}{4}$	3	28.5	285	427	570	713	30.0	300	450	600	750
74	8	2 x 3— $\frac{3}{4}$	4	33.7	337	505	674	843	35.4	354	531	708	885
82	8	2 x 3—1	6	37.7	377	565	754	943	39.6	396	594	792	990
83	8	2 x 4— $\frac{3}{4}$	3	38.0	380	570	760	950	40.0	400	600	800	1000
98	8	2 x 4— $\frac{3}{4}$	4	45.0	450	675	900	1125	47.2	472	708	944	1180
110	8	2 x 4—1	6	50.2	502	753	1004	1255	52.8	528	792	1056	1320
104	8	2 x 5— $\frac{3}{4}$	3	47.6	476	714	952	1190	50.0	500	750	1000	1250
123	8	2 x 5— $\frac{3}{4}$	4	56.2	562	843	1124	1405	59.0	590	885	1180	1475
138	8	2 x 5—1	6	62.8	628	942	1256	1570	66.0	660	990	1320	1650

TOTAL HEAT REJECTION—BTUH (000)					MULTI-CIRCUIT DATA				ROWS DEEP	NO.-HP FANS	FINS/ INCH	KACD MODEL
R-502					AVAILABLE CIRCUITS	CIRCUIT CAPACITY BTUH/1° TD						
1° TD	10° TD	15° TD	20° TD	25° TD			R-12	R-22	R-502			
5.3	53	80	107	134	18	289	306	294	3	1—¾	10	11
5.9	59	88	117	146	18	317	333	328	3	1—1	12	13
6.9	69	103	137	171	24	279	296	288	4	1—1	12	15
10.7	107	160	213	266	18	583	611	595	3	2—¾	10	23
11.8	118	177	236	295	18	639	672	656	3	2—1	12	25
14.0	140	209	279	349	24	567	596	583	4	2—1	12	30
16.1	161	241	321	401	18	872	917	894	3	3—¾	10	33
17.8	178	266	355	444	18	961	1011	989	3	3—1	12	38
20.8	208	311	415	519	24	846	888	867	4	3—1	12	44
21.4	214	321	428	535	21	995	1048	1019	3	4—¾	10	45
23.7	237	355	473	591	21	1100	1157	1129	3	4—1	12	50
27.6	276	414	552	690	28	961	1011	986	4	4—1	12	57
26.8	268	402	536	670	21	1248	1310	1276	3	5—¾	10	56
29.6	296	444	591	739	21	1376	1443	1410	3	5—1	12	61
34.6	346	519	692	865	56	606	634	618	4	5—1	12	73
21.4	214	321	428	535	2 x 18	581	611	595	3	2 x 2—¾	10	46
23.7	237	355	473	591	2 x 18	641	675	659	3	2 x 2—1	12	51
27.6	276	414	552	690	2 x 24	561	589	575	4	2 x 2—1	12	58
32.1	321	481	641	801	2 x 18	872	917	892	3	2 x 3—¾	10	69
35.5	355	532	709	886	2 x 18	961	1008	986	3	2 x 3—1	12	76
41.6	416	623	831	1039	2 x 24	844	885	867	4	2 x 3—1	12	88
42.7	427	641	855	1069	2 x 21	995	1048	1017	3	2 x 4—¾	10	92
47.4	474	710	947	1184	2 x 21	1098	1155	1129	3	2 x 4—1	12	101
55.3	553	829	1105	1381	2 x 28	963	1011	988	4	2 x 4—1	12	118
53.6	536	804	1072	1340	2 x 21	1248	1310	1276	3	2 x 5—¾	10	115
59.1	591	887	1182	1478	2 x 21	1374	1443	1407	3	2 x 5—1	12	127
69.2	692	1038	1384	1730	2 x 56	603	633	618	4	2 x 5—1	12	148
4.8	48	72	96	120	18	261	278	267	3	1—¾	8	10
5.7	57	86	114	143	24	229	246	238	4	1—¾	8	12
6.4	64	96	128	160	24	258	275	267	6	1—1	8	14
9.7	97	146	194	243	18	528	556	539	3	2—¾	8	21
11.5	115	173	230	288	24	467	492	479	4	2—¾	8	24
13.0	130	195	260	325	24	529	550	542	6	2—1	8	27
14.6	146	219	292	365	18	794	833	811	3	3—¾	8	31
17.4	174	261	348	435	24	704	738	725	4	3—¾	8	37
19.3	193	290	386	483	24	788	825	804	6	3—1	8	41
19.5	195	293	390	488	21	905	952	929	3	4—¾	8	43
23.1	231	347	462	578	28	804	843	825	4	4—¾	8	48
25.7	257	386	514	643	28	893	943	918	6	4—1	8	54
24.4	244	366	487	609	21	1133	1190	1162	3	5—¾	8	52
28.8	288	432	576	720	28	1004	1054	1029	4	5—¾	8	59
32.2	322	483	643	804	42	748	786	767	6	5—1	8	66
19.5	195	293	390	488	2 x 18	528	556	542	3	2 x 2—¾	8	42
23.1	231	347	462	578	2 x 24	469	492	481	4	2 x 2—¾	8	49
25.7	257	386	514	643	2 x 24	521	550	535	6	2 x 2—1	8	55
29.2	292	438	584	730	2 x 18	792	833	811	3	2 x 3—¾	8	63
34.6	346	519	692	865	2 x 24	702	738	721	4	2 x 3—¾	8	74
38.7	387	581	774	968	2 x 24	785	825	806	6	2 x 3—1	8	82
38.8	388	582	776	970	2 x 21	905	952	924	3	2 x 4—¾	8	83
46.2	462	693	924	1155	2 x 28	804	843	825	4	2 x 4—¾	8	98
51.4	514	771	1028	1285	2 x 28	896	943	918	6	2 x 4—1	8	110
48.7	487	731	974	1218	2 x 21	1133	1190	1160	3	2 x 5—¾	8	104
57.6	576	864	1152	1440	2 x 28	1004	1054	1029	4	2 x 5—¾	8	123
64.3	643	965	1286	1608	2 x 42	748	786	765	6	2 x 5—1	8	138

PHYSICAL DATA

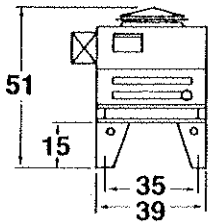
KACD MODEL	FANS NO.-HP	TOTAL CFM	TOTAL FULL LOAD AMPS			CONNECTIONS		MAX. ① OPERATING WT. LBS	100% FLOODING CHARGE LBS @ 60° F AMBIENT		
			208V	230V	460V	INLET	OUTLET		R-12	R-22	R-502
10	1-¾	9,350	3.5	3.2	1.6	1¾	1¼	485	35	32	33
11	1-¾	9,150	3.5	3.2	1.6	1¾	1¼	495	35	32	33
12	1-¾	8,900	3.5	3.2	1.6	1¾	1¾	527	47	43	44
13	1-1	8,750	4.4	4.0	2.0	1¾	1¾	505	35	32	33
14	1-1	8,100	4.4	4.0	2.0	1¾	1¾	611	71	64	66
15	1-1	8,100	4.4	4.0	2.0	1¾	1¾	557	47	43	44
21	2-¾	18,700	7.0	6.4	3.2	2½	1¾	973	68	62	64
23	2-¾	18,300	7.0	6.4	3.2	2½	1¾	988	68	62	64
24	2-¾	17,800	7.0	6.4	3.2	2½	1¾	1041	91	83	85
25	2-1	17,500	8.8	8.0	4.0	2½	1¾	1003	68	62	64
27	2-1	16,200	8.8	8.0	4.0	2½	1¾	1226	136	124	127
30	2-1	16,200	8.8	8.0	4.0	2½	1¾	1081	91	83	85
31	3-¾	28,100	10.5	9.6	4.8	2½	2¼	1381	101	92	94
33	3-¾	27,500	10.5	9.6	4.8	2½	2¼	1411	101	92	94
37	3-¾	26,700	10.5	9.6	4.8	2½	2¼	1494	134	123	126
38	3-1	26,200	13.2	12.0	6.0	2½	2¼	1441	101	92	94
41	3-1	24,300	13.2	12.0	6.0	2½	2¼	1732	202	185	189
44	3-1	24,300	13.2	12.0	6.0	2½	2¼	1574	134	123	126
43	4-¾	37,400	14.0	12.8	6.4	2½	2¼	1925	135	123	125
45	4-¾	36,600	14.0	12.8	6.4	2½	2¼	1973	135	123	125
48	4-¾	35,600	14.0	12.8	6.4	2½	2½	2105	179	164	168
50	4-1	35,000	17.6	16.0	8.0	2½	2½	2021	135	123	125
54	4-1	32,400	17.6	16.0	8.0	2½	2½	2536	269	245	251
57	4-1	32,400	17.6	16.0	8.0	2½	2½	2240	179	164	125
52	5-¾	46,800	17.5	16.0	8.0	2½	2½	2384	167	153	157
56	5-¾	45,800	17.5	16.0	8.0	2½	2½	2480	167	153	157
59	5-¾	44,500	17.5	16.0	8.0	2½	2½	2608	223	204	209
61	5-1	43,700	22.0	20.0	10.0	2½	2½	2540	167	153	157
66	5-1	40,500	22.0	20.0	10.0	3¼	2½	3149	334	306	313
73	5-1	40,500	22.0	20.0	10.0	3¼	2½	2799	223	204	209
42	2 x 2-¾	37,400	14.0	12.8	6.4	2-2½	2-1¾	1786	136	124	127
46	2 x 2-¾	36,600	14.0	12.8	6.4	2-2½	2-1¾	1816	136	124	127
49	2 x 2-¾	35,600	14.0	12.8	6.4	2-2½	2-1¾	1911	181	166	170
51	2 x 2-1	35,000	17.6	16.0	8.0	2-2½	2-1¾	1846	136	124	127
55	2 x 2-1	32,400	17.6	16.0	8.0	2-2½	2-1¾	2302	272	249	255
58	2 x 2-1	32,400	17.6	16.0	8.0	2-2½	2-1¾	2001	181	166	170
63	2 x 3-¾	56,100	21.0	19.2	9.6	2-2½	2-2½	2571	201	184	189
69	2 x 3-¾	54,900	21.0	19.2	9.6	2-2½	2-2½	2601	201	184	189
74	2 x 3-¾	53,400	21.0	19.2	9.6	2-2½	2-2½	2769	269	246	251
76	2 x 3-1	52,500	26.4	24.0	12.0	2-2½	2-2½	2661	201	184	189
82	2 x 3-1	48,600	26.4	24.0	12.0	2-2½	2-2½	3325	405	370	379
88	2 x 3-1	48,600	26.4	24.0	12.0	2-2½	2-2½	2889	269	246	251
83	2 x 4-¾	74,800	28.0	25.6	12.8	2-2½	2-2½	3209	269	246	251
92	2 x 4-¾	73,200	28.0	25.6	12.8	2-2½	2-2½	3289	269	246	251
98	2 x 4-¾	71,200	28.0	25.6	12.8	2-2½	2-2½	3508	358	328	336
101	2 x 4-1	70,000	35.2	32.0	16.0	2-2½	2-2½	3369	269	246	251
110	2 x 4-1	64,800	35.2	32.0	16.0	2-2½	2-2½	4227	537	491	503
118	2 x 4-1	64,800	35.2	32.0	16.0	2-2½	2-2½	3733	358	328	336
104	2 x 5-¾	93,500	35.0	32.0	16.0	2-2½	2-2½	3974	334	306	313
115	2 x 5-¾	91,500	35.0	32.0	16.0	2-2½	2-2½	4134	334	306	313
123	2 x 5-¾	89,000	35.0	32.0	16.0	2-2½	2-2½	4346	446	408	417
127	2 x 5-1	87,500	44.0	40.0	20.0	2-2½	2-2½	4234	334	306	313
138	2 x 5-1	81,000	44.0	40.0	20.0	2-3¼	2-2½	5248	668	611	626
148	2 x 5-1	81,000	44.0	40.0	20.0	2-3¼	2-2½	4666	446	408	417

① OPERATING WT. INCLUDES 100% FLOODING CHARGE

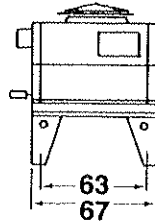
DIMENSIONAL DATA

END VIEW

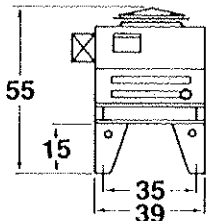
1 FAN UNITS



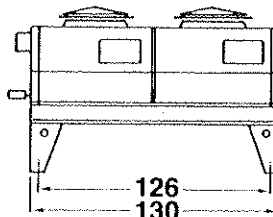
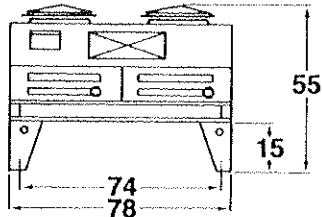
SIDE VIEW



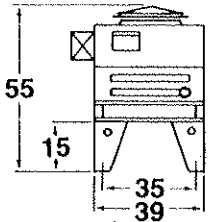
2 FAN UNITS



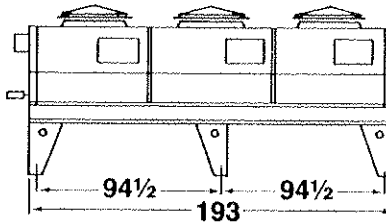
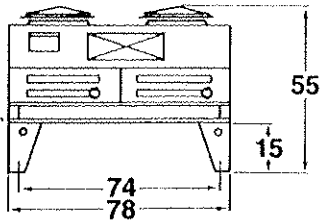
2x2 FAN UNITS



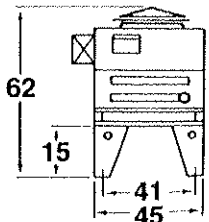
3 FAN UNITS



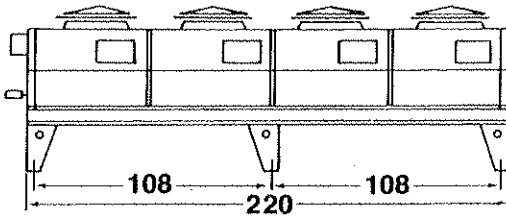
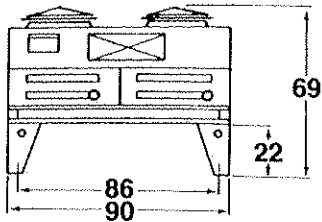
2x3 FAN UNITS



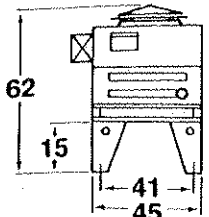
4 FAN UNITS



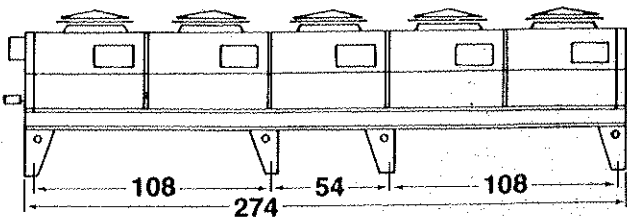
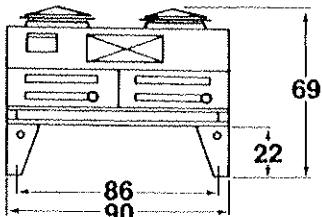
2x4 FAN UNITS



5 FAN UNITS



2x5 FAN UNITS



DIMENSIONS ARE FOR GENERAL REFERENCE ONLY - DO NOT USE FOR CONSTRUCTION PURPOSES

NOTES

• Dimensions are in inches

• Leg dimensions, inside overall dimensions are 3/4 inch hold down bolt hole centers

☐ Standard junction box location
 ☒ Optional fan cycle control panel location