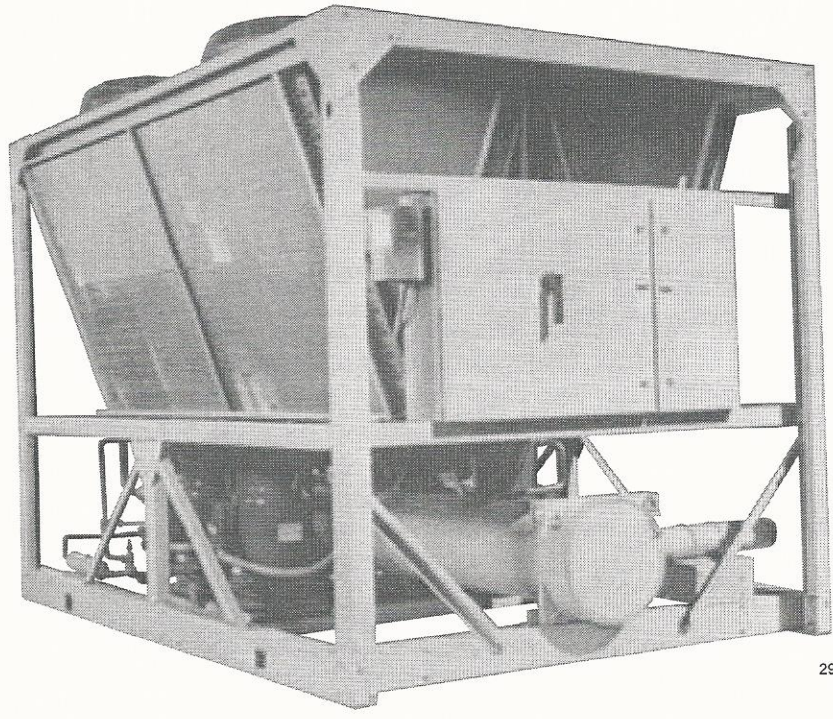


AIR-COOLED SCROLL CHILLERS

STYLE C

MODEL #: YCAL0124EC416XCAXXXXXXXXXLXXXX44SXXXXXXXXXSAXXXKX5BXXLXNBXXXXX
S/N: RMNM 010037

YR: 2004
121 TONS
460-3-60
R-22



29302A



YCAL0014 - YCAL0124
10 - 125 TON
35 - 440 kW
60 Hz



R-22

R-407C



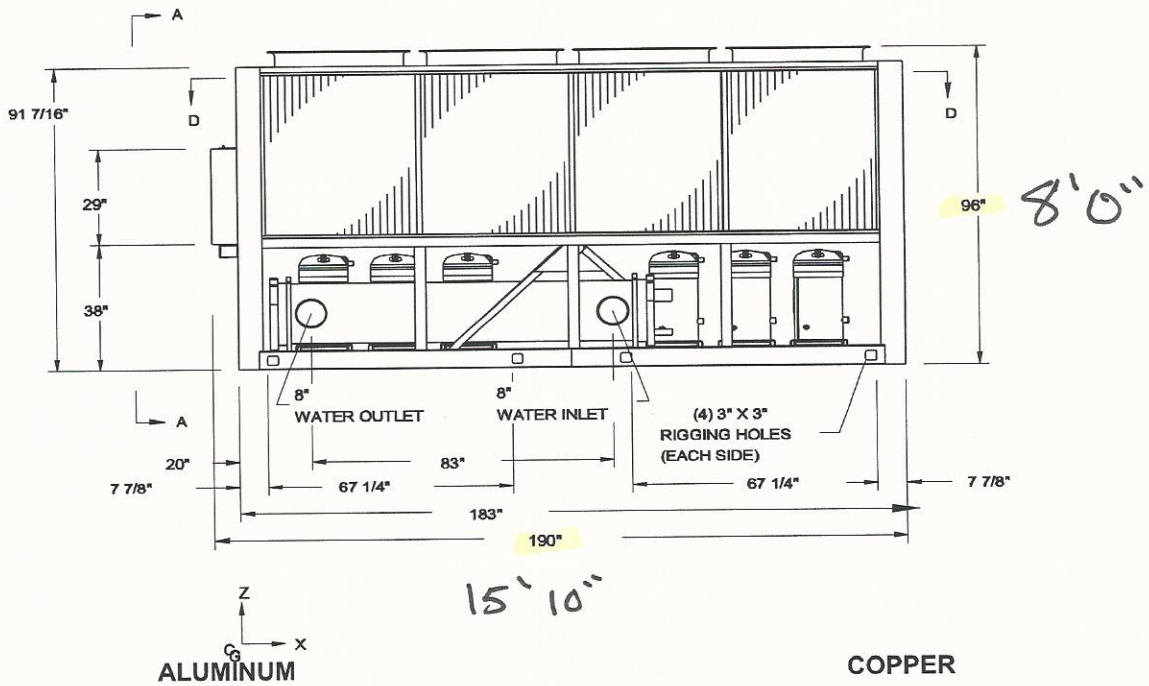
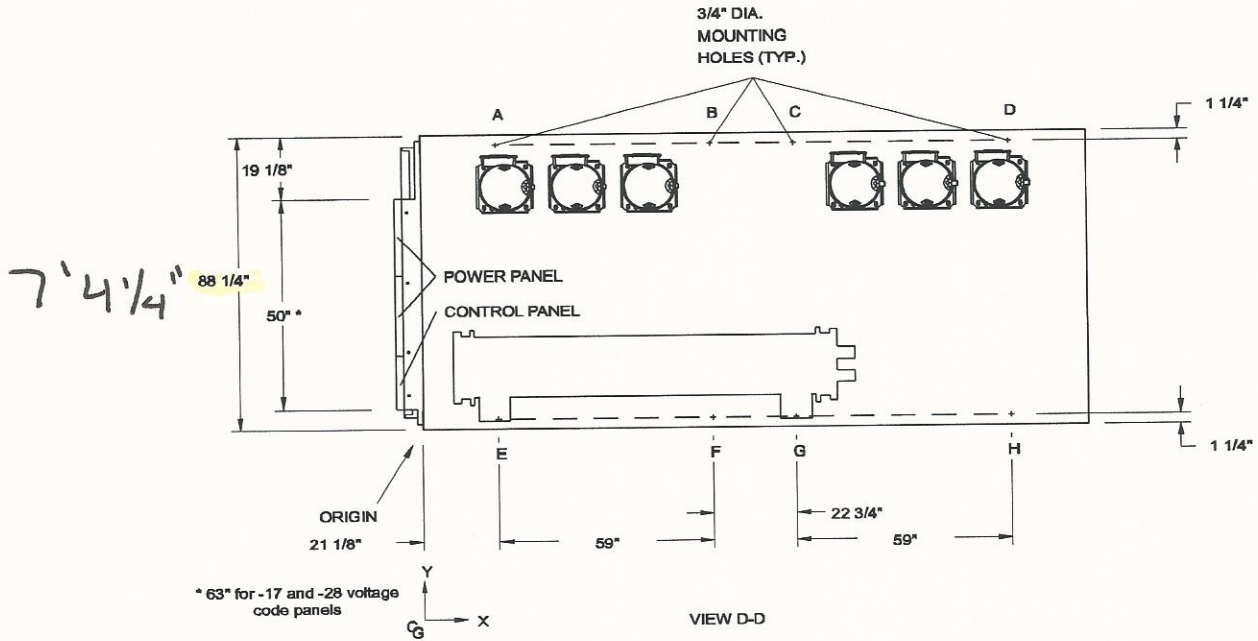
ASHRAE 90.1
COMPLIANT



Physical Data - (English Units)

	Model Number YCAL							
	0014	0020	0024	0030	0034	0040	0042	0044
General Unit Data								
Nominal Tons, R-22	13.2	18.0	22.4	28.3	34.0	38.7	42.9	47.1
Nominal Tons, R-407C	12.7	17.4	21.7	26.7	31.7	36.3	40.2	44.1
Number of Refrigerant Circuits	1	1	1	1	1	2	2	2
Refrigerant Charge								
R-22, ckt1 / ckt2, lbs	32	38	58	65	69	45/45	54/45	54/54
R-407C, ckt1 / ckt2, lbs	32	38	58	65	69	45/45	54/45	52/52
Oil Charge, ckt1 / ckt2, gallons	2.2	2.2	2.2	2.2	3.3	2.2/2.2	2.2/2.2	2.2/2.2
Shipping Weight								
Aluminum Fin Coils, lbs	2472	2488	2857	2933	3279	4689	4752	4822
Copper Fin Coils, lbs	2622	2638	3007	3083	3429	4989	5052	5122
Operating Weight								
Aluminum Fin Coils, lbs	2548	2564	2940	3036	3381	4931	4994	5064
Copper Fin Coils, lbs	2762	2778	3275	3371	3717	5300	5363	5433
Compressors, scroll type								
Compressors per circuit	2	2	2	2	3	2	2	2
Compressors per unit	2	2	2	2	3	4	4	4
Nominal Tons per compressor	7.5	10	13	15	13	10/10	13/10	13/13
Condenser								
Total Face Area ft ²	47.2	47.2	66.1	66.1	66.1	128.0	128.0	128.0
Number of Rows	2	2	2	3	3	2	2	2
Fins per Inch	13	13	13	13	13	13	13	13
Condenser Fans								
Number of Fans total	2	2	2	2	2	4	4	4
Fan hp/kw	2 / 1.4	2 / 1.4	2 / 1.4	2 / 1.4	2 / 1.4	2 / 1.4	2 / 1.4	2 / 1.4
Fan RPM	1140	1140	1140	1140	1140	1140	1140	1140
Number of Blades	3	3	3	3	3	3	3	3
Total Chiller CFM	16257	16257	23500	23500	23500	47360	47360	47360
Evaporator, Direct Expansion								
Diameter x Length	8"x6'	8"x6'	8"x6.5'	8"x7'	8"x7'	10"x8'	10"x8'	10"x8'
Water Volume, gallons	9.2	9.2	10.0	12.3	12.3	29.1	29.1	29.1
Maximum Water Side Pressure, PSIG	150	150	150	150	150	150	150	150
Maximum Refrigerant Side Pressure, PSIG	350	350	350	350	350	350	350	350
Minimum Chiller Water Flow Rate, gpm	25	25	30	35	60	60	60	60
Maximum Chiller Water Flow Rate, gpm	60	60	70	170	170	300	300	300
Water Connections, inches	3	3	3	4	4	6	6	6

Model Number YCAL										
0050	0060	0064	0070	0074	0080	0090	0094	0104	0114	0124
51.1	56.2	63.1	70.2	76.0	82.2	83.2	89.9	99.6	111.1	121.0
48.1	53.3	58.9	65.7	71.6	78.0	79.6	85.8	94.9	106.5	115.1
2	2	2	2	2	2	2	2	2	2	2
60/54	72/72	75/62	75/75	92/83	100/100	94/77	94/94	112/94	112/112	137/112
60/54	57/57	67/57	67/67	88/67	88/88	90/74	90/90	108/90	108/108	132/108
2.2/2.2	2.2/2.2	3.3/3.3	3.3/3.3	3.3/3.3	3.3/3.3	4.2/4.2	4.2/4.2	6.3/4.2	6.3/6.3	6.3/6.3
4906	4994	5866	6045	6217	6448	6541	6619	7434	8824	8842
5206	5294	6166	6425	6597	6828	7369	7448	8378	10083	10107
5148	5236	6208	6386	6558	6779	6981	7059	7923	9313	9331
5517	5605	6651	6829	7001	7222	7809	7888	8867	10572	10596
2	2	3	3	3	3	2	2	3/2	3	3
4	4	6	6	6	6	4	4	5	6	6
15/13	15/15	13/10	13/13	15/13	15/15	25/20	25/25	20/25	20/20	25/20
128.0	128.0	149.3	149.3	149.3	149.3	168.0	168.0	192.0	222.0	222.0
2	3	2	3	3	3	3	3	3	3	3
13	13	13	13	13	13	13	13	13	13	13
4	4	4	4	4	4	6	6	6	8	8
2 / 1.4	2 / 1.4	2 / 1.7	2 / 1.7	2 / 1.7	2 / 1.7	2/1.8	2/1.8	2/1.8	2/1.8	2/1.8
1140	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140
3	3	3	3	3	3	3	3	3	3	3
47360	46080	55253	55253	54550	53760	79800	79800	85800	106400	106400
10"x8'	10"x8'	12"x8'	12"x8'	12"x8'	12"x8'	14"x8'	14"x8'	15"x8'	15"x8'	15"x8'
29.1	29.1	41.2	41.2	41.2	39.9	53.0	53.0	58.9	58.9	58.9
150	150	150	150	150	150	150	150	150	150	150
350	350	350	350	350	350	350	350	350	350	350
60	60	100	100	100	100	125	138	150	165	180
300	300	350	350	350	385	525	525	625	625	625
6	6	6	6	6	6	8	8	8	8	8



YCAL	Center of Gravity (in.)		
	X	Y	Z
0114	79.4	45.0	41.4
0124	79.4	45.0	41.5

YCAL	Center of Gravity (in.)		
	X	Y	Z
0114	80.9	44.9	43.5
0124	80.9	44.9	43.5