



# BEZ-Line Condensing Units

## PRODUCT DATA & SPECIFICATIONS

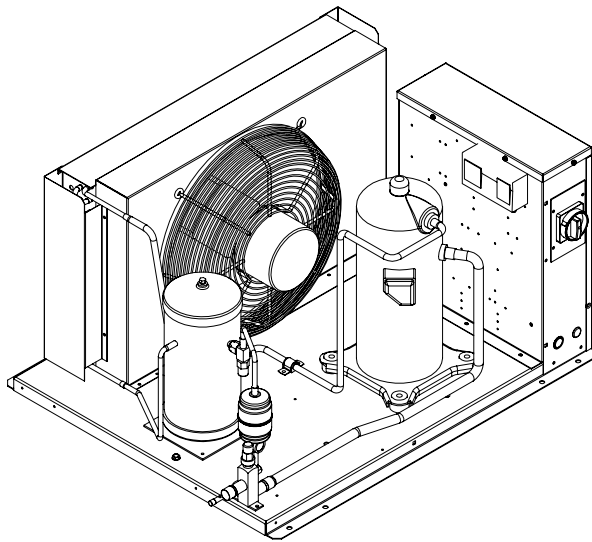
Bulletin B40-BEZ-PDS-50-1

1079410-50

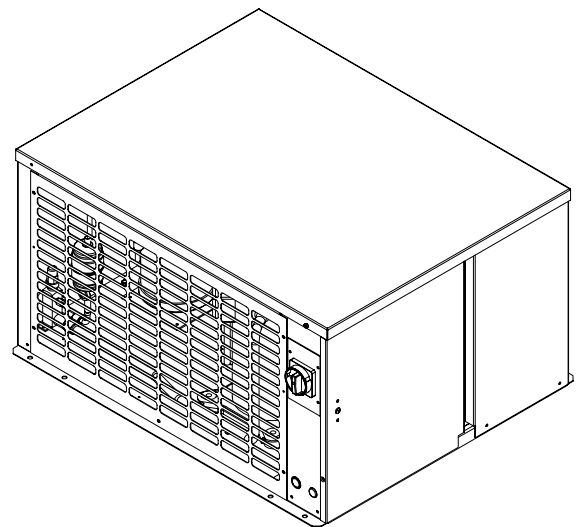


Indoor/Outdoor  
Air-Cooled Scroll  
Condensing Units

2 to 10 HP -  
High, Medium and Low  
Temperature Refrigeration



Indoor Unit

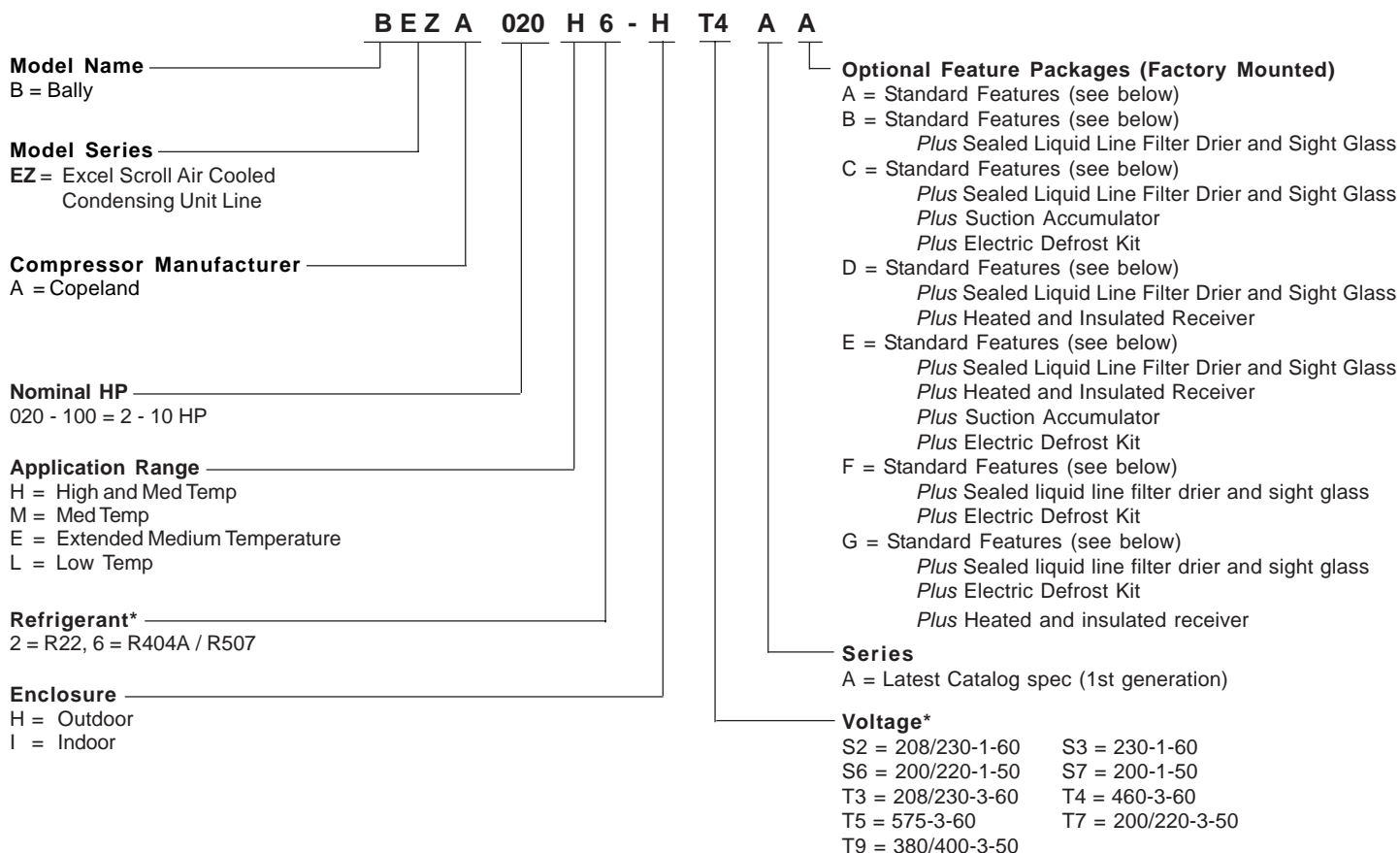


Outdoor Unit

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# NOMENCLATURE



\* subject to compressor availability

## STANDARD FEATURES

### **Indoor Unit:**

- Weatherproof electrical control box with compressor contactor and fused control circuit
- Welded hermetic scroll compressor
- High efficiency enhanced tube and fin condenser design
- Energy efficient PSC condenser fan motor
- Receiver with fusible plug and liquid shut off valve
- Adjustable dual high / low pressure control
- Suction service valve
- Pre-formed copper tubing
- Liquid injection (low temp. models)
- Unit leak tested and shipped with Helium holding charge

### **Outdoor Unit: All Standard Features of Indoor Unit, Plus:**

- Outdoor weather-resistant housing with removable hood
- Flooded head pressure control (non adjustable)
- Crankcase heater

## OPTIONAL FEATURE PACKAGES (Factory Mounted)

### Package A:

- Standard Features (see pg. 2)

### Package B:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier & Sight Glass

### Package C:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier & Sight Glass
- *Plus* Suction Accumulator
- *Plus* Electric Defrost Kit

### Package D:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier & Sight Glass
- *Plus* Heated and Insulated Receiver

### Package E:

- Standard Features (see pg. 2)
- *Plus* Sealed Liquid Line Filter Drier & Sight Glass
- *Plus* Heated and Insulated Receiver
- *Plus* Suction Accumulator
- *Plus* Electric Defrost Kit

### Package F:

- Standard Features (see pg. 2)
- *Plus* Sealed liquid line filter drier and sight glass
- *Plus* Electric Defrost Kit

### Package G:

- Standard Features (see pg. 2)
- *Plus* Sealed liquid line filter drier and sight glass
- *Plus* Electric Defrost Kit
- *Plus* Heated and insulated receiver

## OPTIONAL FEATURES (Factory Mounted)

- Suction accumulator
- Suction accumulator with boil-out coil
- Discharge line Check valve
- Oil separator
- Oil separator c/w oil return filter & solenoid valve
- Adjustable head pressure control valves
- Receiver inlet ball valve
- Heated and Insulated receiver
- Over-sized receiver
- Sealed liquid line filter drier & sight-glass
- Ball valve - liquid line (shipped loose)
- Insulated suction lines
- Leg Kits
- Discharge air hood
- Sub cooling circuit on 5 and 7.5 HP models
- Flex hoses - for all pressure controls (Dual Pressure, Oil switch, etc..)
- Liquid line solenoid valve-(with standard 230 volt coil)-shipped loose
- Compressor Circuit breaker
- Current sensing relay - for use with Oil safety control (where applicable)
- Defrost heater contactor c/w fuse block
- Evaporator Fan contactor c/w fuse block
- Disconnect switch
- Disconnect Fusing
- Pump down toggle switch
- Lock out control circuit -Liquid solenoid valve with separate HP and LP controls
- Hoffmann Speed control for condenser fan (replaces flooded valve)
- Time delay relay for compressor
- Mechanical Time Clock -Paragon 8145
- Electronic Time Clock
- Electronic Defrost Kit
- Electronic Voltage/Phase Monitor

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		26.6	29.4	32.2	35	37.8	40.6	43.3
<b>BEZA030H2</b> Compressor Model ZB21KCE	7.2	10961	10703	10445	10162	9878	9594	9285
	4.4	10084	9826	9594	9336	9053	8795	8511
	1.7	9233	9001	8769	8537	8305	8047	7789
	-1.1	8434	8227	7995	7789	7557	7325	7093
	-3.9	7660	7479	7273	7067	6860	6654	N/A
	-6.7	6938	6757	6577	6396	6216	N/A	N/A
	-9.4	6267	6113	5932	5777	N/A	N/A	N/A
<b>BEZA035H2</b> Compressor Model ZB26KC	7.2	12483	12174	11838	11529	11168	10832	10471
	4.4	11477	11168	10884	10574	10265	9955	9620
	1.7	10523	10239	9981	9698	9414	9130	8821
	-1.1	9620	9362	9130	8872	8614	8331	8073
	-3.9	8769	8537	8305	8073	7841	7583	N/A
	-6.7	7944	7737	7531	7325	7118	N/A	N/A
	-9.4	7196	6989	6809	6603	N/A	N/A	N/A
<b>BEZA040H2</b> Compressor Model ZB30KCE	7.2	14340	13953	13592	13205	12818	12406	11993
	4.4	13205	12844	12509	12148	11787	11426	11039
	1.7	12122	11787	11477	11142	10807	10471	10110
	-1.1	11090	10781	10497	10188	9878	9569	9259
	-3.9	10110	9826	9569	9285	9001	8717	N/A
	-6.7	9156	8924	8666	8434	8176	N/A	N/A
	-9.4	8279	8073	7841	7608	N/A	N/A	N/A
<b>BEZA050H2</b> Compressor Model ZB38KCE	7.2	17693	17254	16790	16326	15836	15346	14830
	4.4	16300	15887	15449	15011	14572	14108	13644
	1.7	14959	14572	14185	13773	13360	12947	12509
	-1.1	13669	13334	12947	12586	12199	11812	11426
	-3.9	12457	12148	11812	11451	11116	10755	N/A
	-6.7	11322	11013	10703	10394	10084	N/A	N/A
	-9.4	10213	9955	9672	9388	N/A	N/A	N/A
<b>BEZA060H2</b> Compressor Model ZB45KCE	7.2	21587	21046	20504	19937	19343	18750	18131
	4.4	19834	19343	18828	18312	17770	17203	16635
	1.7	18183	17719	17254	16764	16249	15733	15191
	-1.1	16610	16197	15758	15294	14830	14340	13850
	-3.9	15114	14727	14314	13902	13489	13025	N/A
	-6.7	13721	13360	12999	12612	12199	N/A	N/A
	-9.4	12431	12096	11735	11400	N/A	N/A	N/A
<b>BEZA075H2</b> Compressor Model ZB56KCE	7.2	25018	24347	23651	22928	22206	21458	20685
	4.4	23006	22387	21742	21072	20401	19730	19008
	1.7	21097	20530	19937	19343	18725	18080	17435
	-1.1	19292	18776	18234	17693	17125	16558	15939
	-3.9	17615	17125	16635	16145	15630	15114	N/A
	-6.7	16016	15578	15140	14701	14237	N/A	N/A
	-9.4	14546	14134	13747	13334	N/A	N/A	N/A

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		26.6	29.4	32.2	35	37.8	40.6	43.3
BEZA020M6 Compressor Model ZB15KCE	1.7	6267	6035	5777	5519	5236	4978	4694
	-1.1	5803	5571	5313	5081	4849	4591	4333
	-3.9	5339	5107	4901	4694	4462	4230	3998
	-6.7	4901	4694	4488	4307	4101	3868	3663
	-9.4	4462	4307	4101	3920	3740	3533	3353
	-12.2	4075	3920	3740	3585	3405	3224	3043
	-15.0	3688	3560	3405	3250	3095	2940	2760
	-17.8	3353	3224	3069	2940	2785	2657	2502
	-20.6	3018	2889	2785	2657	2527	2399	2244
-23.3	2708	2605	2476	2372	2270	2141	2012	
BEZA025M6 Compressor Model ZB19KCE	1.7	7841	7506	7196	6886	6551	6215	5880
	-1.1	7221	6938	6655	6345	6035	5725	5416
	-3.9	6655	6396	6112	5855	5571	5287	4978
	-6.7	6112	5855	5622	5364	5107	4849	4565
	-9.4	5571	5364	5132	4901	4668	4436	4178
	-12.2	5081	4874	4668	4462	4256	4023	3817
	-15.0	4616	4436	4256	4049	3868	3663	3456
	-17.8	4178	4023	3843	3663	3482	3301	3120
	-20.6	3766	3611	3456	3301	3147	2992	2812
-23.3	3378	3250	3095	2966	2812	2657	2502	
BEZA030M6 Compressor Model ZB21KCE	1.7	9826	9440	9053	8666	8279	7892	7479
	-1.1	9027	8692	8331	7969	7608	7248	6886
	-3.9	8279	7969	7660	7325	6990	6655	6293
	-6.7	7583	7299	6990	6706	6396	6087	5752
	-9.4	6912	6655	6370	6112	5829	5545	5262
	-12.2	6267	6035	5803	5545	5287	5029	4771
	-15.0	5674	5467	5262	5029	4797	4565	4307
	-17.8	5132	4926	4746	4539	4333	4101	3895
	-20.6	4616	4436	4256	4075	3895	3688	3482
-23.3	4126	3971	3817	3636	3482	3301	3120	
BEZA035M6 Compressor Model ZB26KCE	1.7	11219	10781	10343	9878	9414	8950	8485
	-1.1	10343	9930	9517	9104	8692	8254	7814
	-3.9	9491	9130	8744	8382	7969	7583	7170
	-6.7	8692	8356	8021	7660	7299	6938	6577
	-9.4	7944	7634	7325	7015	6680	6345	5984
	-12.2	7221	6963	6655	6370	6087	5777	5442
	-15.0	6551	6293	6035	5777	5519	5236	4952
	-17.8	5932	5700	5467	5210	4978	4719	4462
	-20.6	5339	5132	4926	4694	4488	4256	3998
-23.3	4771	4591	4411	4204	3998	3791	3585	
BEZA040M6 Compressor Model ZB30KCE	1.7	12586	12096	11554	11039	10497	9955	9388
	-1.1	11606	11142	10678	10188	9698	9182	8666
	-3.9	10678	10239	9801	9362	8898	8434	7969
	-6.7	9775	9388	8975	8562	8150	7711	7273
	-9.4	8924	8562	8176	7814	7428	7041	6628
	-12.2	8099	7763	7428	7093	6731	6370	6010
	-15.0	7325	7015	6706	6396	6087	5752	5416
	-17.8	6577	6319	6035	5752	5442	5159	4849
	-20.6	5880	5649	5390	5132	4849	4565	4281
-23.3	5236	5004	4771	4539	4281	4023	3766	

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		26.6	29.4	32.2	35	37.8	40.6	43.3
<b>BEZA050M6</b> Compressor Model ZB38KCE	1.7	15681	15037	14417	13773	13128	12457	11787
	-1.1	14469	13876	13308	12715	12122	11503	10884
	-3.9	13308	12767	12250	11709	11142	10574	10007
	-6.7	12199	11709	11219	10729	10213	9698	9156
	-9.4	11142	10703	10265	9801	9337	8872	8382
	-12.2	10161	9775	9362	8950	8511	8073	7634
	-15.0	9233	8872	8485	8124	7737	7325	6912
	-17.8	8331	8021	7686	7351	6990	6628	6242
	-20.6	7506	7221	6912	6603	6293	5958	5622
	-23.3	6731	6473	6215	5932	5649	5339	5029
<b>BEZA060M6</b> Compressor Model ZB45KCE	1.7	19085	18337	17589	16816	16042	15269	14469
	-1.1	17564	16893	16197	15500	14779	14056	13308
	-3.9	16145	15527	14882	14237	13592	12921	12225
	-6.7	14779	14211	13644	13050	12432	11812	11194
	-9.4	13489	12973	12457	11915	11348	10781	10213
	-12.2	12277	11812	11322	10832	10343	9826	9285
	-15.0	11116	10703	10265	9826	9362	8898	8408
	-17.8	10058	9672	9285	8872	8459	8021	7583
	-20.6	9027	8692	8356	7969	7608	7221	6809
	-23.3	8099	7789	7479	7144	6809	6473	6087
<b>BEZA075M6</b> Compressor Model ZB56KCE	1.7	22387	21484	20581	19628	18647	17641	16636
	-1.1	20684	19859	19034	18157	17281	16351	15423
	-3.9	19034	18286	17538	16738	15939	15114	14263
	-6.7	17461	16790	16093	15397	14675	13901	13128
	-9.4	15965	15372	14752	14108	13438	12767	12070
	-12.2	14546	14004	13463	12870	12277	11684	11039
	-15.0	13231	12741	12225	11709	11194	10626	10058
	-17.8	11967	11529	11064	10600	10136	9646	9130
	-20.6	10781	10394	9981	9568	9130	8692	8227
	-23.3	9672	9310	8950	8562	8202	7789	7376

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		26.6	29.4	32.2	35	37.8	40.6	43.3
BEZA020L6 Compressor Model ZF06K4E	-17.8	3405	3275	3147	3018	2889	2760	2630
	-20.6	3069	2966	2863	2734	2630	2502	2399
	-23.3	2785	2682	2579	2476	2372	2270	2192
	-26.1	2502	2424	2347	2244	2167	2064	1986
	-28.9	2244	2192	2089	2012	1934	1857	1779
	-31.7	2012	1960	1883	1806	1728	1651	1599
	-34.4	1806	1728	1676	1599	1547	1470	1419
	-37.2	1573	1522	1470	1419	1367	1289	1238
	-40.0	1393	1341	1289	1238	1161	1109	1083
BEZA025L6 Compressor Model ZF08K4E	-17.8	4307	4153	3998	3843	3663	3482	3301
	-20.6	3895	3766	3636	3482	3327	3172	3018
	-23.3	3533	3405	3275	3147	3018	2889	2734
	-26.1	3172	3069	2966	2837	2734	2605	2476
	-28.9	2837	2760	2657	2554	2450	2347	2218
	-31.7	2554	2450	2372	2295	2192	2089	1986
	-34.4	2270	2192	2115	2037	1960	1857	1779
	-37.2	2012	1934	1883	1806	1728	1651	1573
	-40.0	1779	1702	1651	1599	1522	1444	1367
BEZA030L6 Compressor Model ZF09K4E	-17.8	4746	4565	4384	4204	4023	3817	3636
	-20.6	4307	4153	3998	3817	3663	3482	3301
	-23.3	3895	3766	3611	3482	3327	3172	3018
	-26.1	3508	3378	3275	3147	3018	2863	2734
	-28.9	3147	3043	2940	2837	2708	2579	2476
	-31.7	2812	2734	2630	2527	2424	2321	2218
	-34.4	2502	2424	2347	2270	2167	2089	1986
	-37.2	2218	2141	2089	2012	1934	1831	1754
	-40.0	1960	1883	1831	1754	1702	1624	1547
BEZA035L6 Compressor Model ZF11K4E	-17.8	5725	5519	5287	5081	4823	4591	4333
	-20.6	5210	5029	4823	4616	4411	4204	3971
	-23.3	4746	4565	4384	4204	4023	3817	3611
	-26.1	4281	4126	3971	3817	3636	3456	3275
	-28.9	3843	3714	3585	3430	3275	3120	2966
	-31.7	3430	3327	3198	3095	2940	2812	2682
	-34.4	3069	2966	2863	2760	2630	2527	2399
	-37.2	2708	2630	2527	2450	2347	2244	2141
	-40.0	2399	2321	2244	2167	2064	1986	1883
BEZA045L6 Compressor Model ZF13K4E	-17.8	6835	6577	6319	6035	5777	5494	5184
	-20.6	6190	5958	5725	5467	5236	4978	4719
	-23.3	5597	5390	5159	4952	4719	4488	4256
	-26.1	5029	4823	4642	4436	4256	4049	3817
	-28.9	4488	4333	4153	3971	3791	3611	3430
	-31.7	3998	3843	3688	3533	3378	3224	3069
	-34.4	3533	3405	3275	3147	3018	2863	2734
	-37.2	3095	2992	2863	2760	2657	2554	2450
	-40.0	2682	2605	2502	2424	2321	2244	2167

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		26.6	29.4	32.2	35	37.8	40.6	43.3
BEZA055L6 Compressor Model ZF15K4E	-17.8	8176	7866	7531	7221	6886	6525	6190
	-20.6	7402	7144	6860	6551	6267	5958	5622
	-23.3	6706	6448	6215	5958	5674	5390	5107
	-26.1	6035	5829	5597	5364	5132	4901	4642
	-28.9	5416	5236	5029	4849	4616	4411	4178
	-31.7	4849	4694	4514	4333	4153	3971	3766
	-34.4	4333	4178	4023	3868	3714	3533	3378
	-37.2	3843	3714	3585	3430	3301	3147	2992
-40.0	3378	3275	3147	3043	2915	2785	2657	
BEZA060L6 Compressor Model ZF18K4E	-17.8	9852	9491	9104	8744	8356	7969	7557
	-20.6	8950	8614	8305	7944	7608	7273	6912
	-23.3	8099	7814	7531	7221	6912	6603	6293
	-26.1	7299	7041	6809	6525	6267	5984	5725
	-28.9	6551	6345	6112	5880	5649	5416	5184
	-31.7	5855	5674	5494	5287	5081	4874	4668
	-34.4	5210	5055	4901	4719	4539	4359	4178
	-37.2	4616	4462	4333	4178	4023	3868	3714
-40.0	4049	3920	3791	3663	3533	3405	3275	
BEZA075L6 Compressor Model ZF24K4E	-17.8	12122	11709	11245	10806	10343	9852	9337
	-20.6	10987	10600	10213	9826	9388	8975	8511
	-23.3	9930	9595	9233	8898	8511	8124	7737
	-26.1	8924	8614	8331	8021	7686	7351	7015
	-28.9	7996	7737	7479	7196	6912	6628	6319
	-31.7	7118	6886	6680	6422	6190	5932	5649
	-34.4	6319	6112	5932	5700	5494	5262	5029
	-37.2	5571	5390	5210	5029	4849	4642	4436
-40.0	4874	4719	4565	4411	4230	4075	3868	
BEZA100L6 Compressor Model ZF33K4E	-17.8	16506	15888	15242	14598	13927	13256	12560
	-20.6	15037	14469	13901	13308	12741	12122	11529
	-23.3	13618	13128	12612	12096	11580	11064	10523
	-26.1	12277	11839	11400	10936	10471	10007	9543
	-28.9	11013	10626	10213	9826	9414	9027	8614
	-31.7	9801	9440	9104	8744	8408	8047	7711
	-34.4	8640	8331	8021	7711	7428	7118	6835
	-37.2	7531	7248	6990	6731	6448	6215	5958
-40.0	6473	6242	5984	5752	5519	5313	5107	

--- Outside Operating Range



CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR		UNIT		
			RLA	LRA	QTY	FLA	MCA	MOP	
BEZA030H2-*	-S6A	ZB21KCE-PFJ	200-220/1/50	20.7	100	1	2.1	28.0	45
	-T7A	ZB21KCE-TF5	200-220/3/50	12.1	77	1	2.1	17.2	25
	-T9A	ZB21KCE-TFD	380-400/3/50	6.1	39	1	1.1	8.7	15
BEZA035H2-*	-T7A	ZB26KC-TF5	200-220/3/50	13.9	88	1	2.1	19.5	30
	-T9A	ZB26KC-TFD	380-400/3/50	7.1	44	1	1.1	10.0	15
BEZA040H2-*	-T7A	ZB30KCE-TF5	200-220/3/50	15.7	115	1	2.1	21.7	35
	-T9A	ZB30KCE-TFD	380-400/3/50	7.5	47.5	1	1.1	10.5	15
BEZA050H2-*	-T7A	ZB38KCE-TF5	200-220/3/50	22.1	115	1	2.1	29.7	50
	-T9A	ZB38KCE-TFD	380-400/3/50	9.6	63	1	1.1	13.1	20
BEZA060H2-*	-T7A	ZB45KCE-TF5	200-220/3/50	22.5	156	1	2.1	30.2	50
	-T9A	ZB45KCE-TFD	380-400/3/50	11.5	70	1	1.1	15.5	25
BEZA075H2-*	-T7A	ZB56KCE-TWC	200-220/3/50	30.0	189	1	2.1	39.6	70
	-T9A	ZB56KCE-TWD	380-400/3/50	15.7	94	1	1.1	20.7	35
BEZA020M6-*	-T7A	ZB15KCE-TF5	200-220/3/50	8.9	55	1	1.1	12.2	20
	-T9A	ZB15KCE-TFD	380-400/3/50	5.0	27	1	0.6	6.9	15
BEZA025M6-*	-T7A	ZB19KCE-TF5	200-220/3/50	10.0	63	1	1.1	13.6	20
	-T9A	ZB19KCE-TFD	380-400/3/50	5.0	31	1	0.6	6.9	15
BEZA030M6-*	-T7A	ZB21KCE-TF5	200-220/3/50	12.1	77	1	2.1	17.2	25
	-T9A	ZB21KCE-TFD	380-400/3/50	6.1	39	1	1.1	8.7	15
BEZA035M6-*	-T7A	ZB26KCE-TF5	200-220/3/50	13.9	88	1	2.1	19.5	30
	-T9A	ZB26KCE-TFD	380-400/3/50	7.1	44	1	1.1	10.0	15
BEZA040M6-*	-T7A	ZB30KCE-TF5	200-220/3/50	15.7	115	1	2.1	21.7	35
	-T9A	ZB30KCE-TFD	380-400/3/50	7.5	47.5	1	1.1	10.5	15
BEZA050M6-*	-T7A	ZB38KCE-TF5	200-220/3/50	22.1	115	1	2.1	29.7	50
	-T9A	ZB38KCE-TFD	380-400/3/50	9.6	63	1	1.1	13.1	20
BEZA060M6-*	-T7A	ZB45KCE-TF5	200-220/3/50	22.5	156	1	2.1	30.2	50
	-T9A	ZB45KCE-TFD	380-400/3/50	11.5	70	1	1.1	15.5	25
BEZA075M6-*	-T7A	ZB56KCE-TWC	200-220/3/50	30.0	189	1	2.1	39.6	70
	-T9A	ZB56KCE-TWD	380-400/3/50	15.7	94	1	1.1	20.7	35

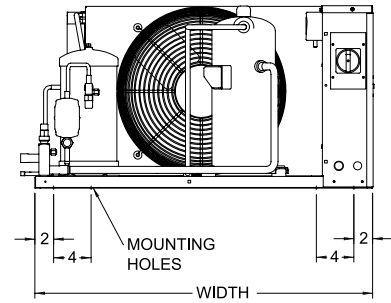
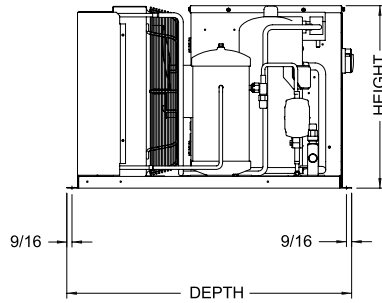
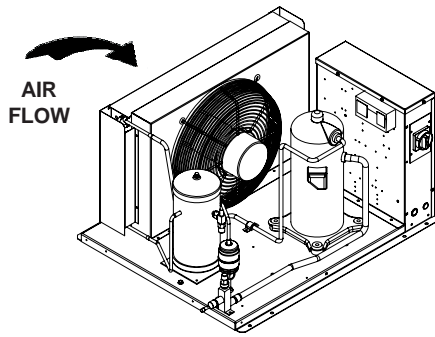
\* I = Indoor, H = Outdoor. Above listed RLA value is based on UL rating method and may differ from published compressor RLA data.

† Not all 575V compressors available at time of printing

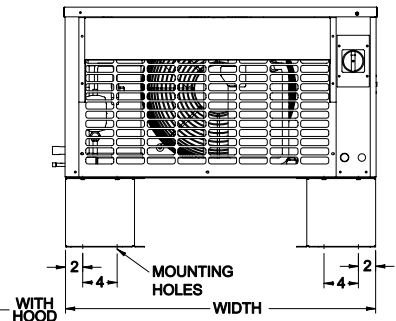
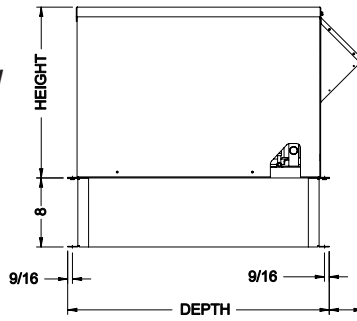
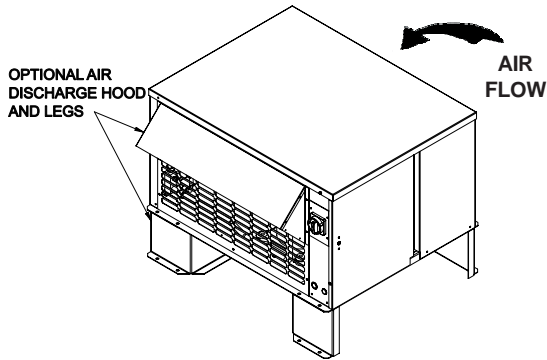
CONDENSING UNIT MODEL	COMPRESSOR MODEL NO.	POWER SUPPLY	COMPRESSOR		CONDENSER FAN MOTOR		UNIT		
			RLA	LRA	QTY	FLA	MCA	MOP	
BEZA020L6-*	-S6A	ZF06K4E-PFV	200-220/1/50	13.6	61	1	0.5	17.5	30
	-T7A	ZF06K4E-TF5	200-220/3/50	9.3	55	1	0.5	12.1	20
BEZA025L6-*	-S6A	ZF08K4E-PFV	200-220/1/50	16.4	73	1	1.1	21.6	35
	-T7A	ZF08K4E-TF5	200-220/3/50	9.7	63	1	1.1	13.2	20
	-T9A	ZF08K4E-TFD	380-400/3/50	5.0	39	1	0.6	6.9	15
BEZA030L6-*	-S6A	ZF09K4E-PFV	200-220/1/50	16.4	88	1	1.1	21.6	35
	-T7A	ZF09K4E-TF5	200-220/3/50	11.1	77	1	1.1	15.0	25
	-T9A	ZF09K4E-TFD	380-400/3/50	5.7	39	1	0.6	7.7	15
BEZA035L6-*	-S6A	ZF11K4E-PFV	200-220/1/50	20.7	109	1	1.1	27.0	45
	-T7A	ZF11K4E-TF5	200-220/3/50	13.6	88	1	1.1	18.1	30
	-T9A	ZF11K4E-TFD	380-400/3/50	7.1	44	1	0.6	9.5	15
BEZA045L6-*	-T7A	ZF13K4E-TF5	200-220/3/50	15.0	99	1	2.1	20.9	35
	-T9A	ZF13K4E-TFD	380-400/3/50	8.2	49.5	1	1.1	11.4	15
BEZA055L6-*	-S6A	ZF15K4E-PFV	200-220/1/50	31.8	169	1	2.1	41.9	70
	-T7A	ZF15K4E-TF5	200-220/3/50	21.4	123	1	2.1	28.9	50
	-T9A	ZF15K4E-TFD	380-400/3/50	9.6	62	1	1.1	13.1	20
BEZA060L6-*	-T7A	ZF18K4E-TF5	200-220/3/50	23.9	156	1	2.1	32.0	50
	-T9A	ZF18K4E-TFD	380-400/3/50	9.3	70	1	1.1	12.7	20
BEZA075L6-*	-T7A	ZF24K4E-TWC	200-220/3/50	30.0	189	1	2.1	39.6	70
	-T9A	ZF24K4E-TWD	380-400/3/50	15.7	94	1	1.1	20.7	35
BEZA100L6-*	-T7A	ZF33K4E-TWC	200-220/3/50	43.6	278	1	2.1	56.6	100
	-T9A	ZF33K4E-TWD	380-400/3/50	21.1	127	1	1.1	27.5	45

\* I = Indoor, H = Outdoor. Above listed RLA value is based on UL rating method and may differ from published compressor RLA data.

# DIMENSIONAL DATA (Models 020 to 035 L6)



## INDOOR DIMENSIONS



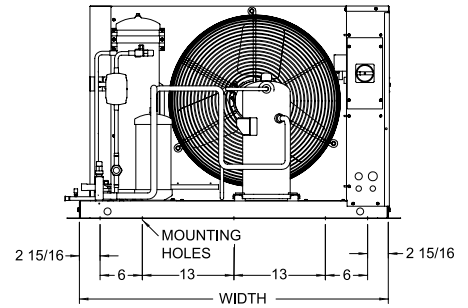
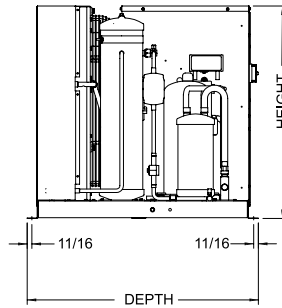
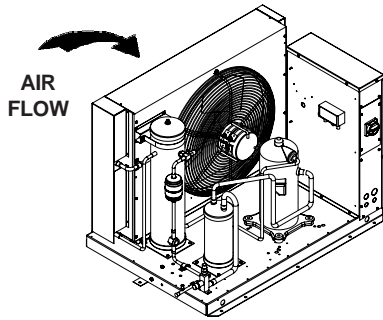
## OUTDOOR DIMENSIONS

CONDENSING UNIT MODEL	WIDTH		DEPTH				HEIGHT*	
			Base		With Hood			
	Inches	mm	Inches	mm	Inches	mm	Inches	mm
BEZ A 020	36 3/8	924	30 3/8	772	34 3/8	873	19 7/8	505
BEZ A 025	36 3/8	924	30 3/8	772	34 3/8	873	19 7/8	505
BEZ A 030 L6	36 3/8	924	30 3/8	772	34 3/8	873	19 7/8	505
BEZ A 035 L6	36 3/8	924	30 3/8	772	34 3/8	873	19 7/8	505

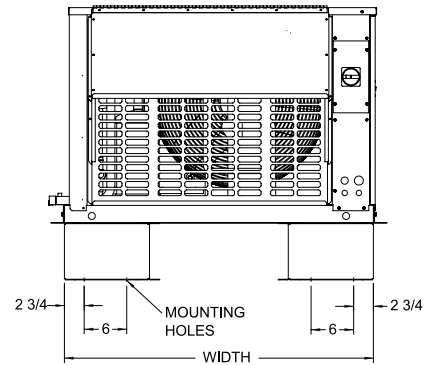
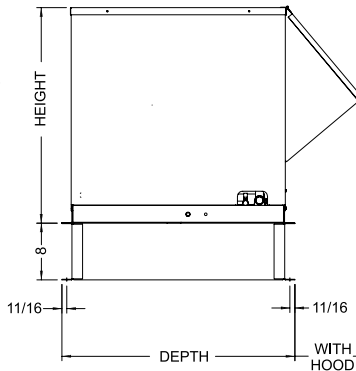
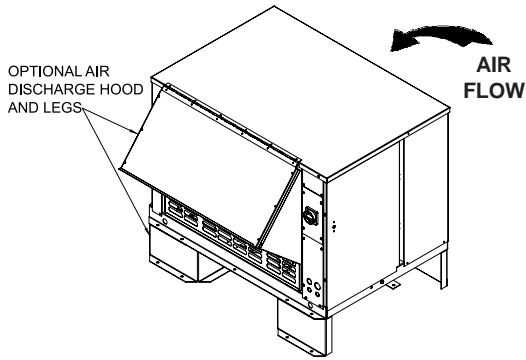
\*Note: Dimensions for indoor models may be smaller by up to 3/8" (10 mm)

NOTE: Discharge hood and legs are optional components

# DIMENSIONAL DATA (Models 030 H2/M6 to 100)



## INDOOR DIMENSIONS



## OUTDOOR DIMENSIONS

CONDENSING UNIT MODEL	WIDTH		DEPTH				HEIGHT*	
			Base		With Hood			
	Inches	mm	Inches	mm	Inches	mm	Inches	mm
BEZ A 030 H2/M6	47 3/8	1203	32 7/8	835	43	1092	30 3/8	772
BEZ A 035 H2/M6	47 3/8	1203	32 7/8	835	43	1092	30 3/8	772
BEZ A 040 H2/M6	47 3/8	1203	32 7/8	835	43	1092	30 3/8	772
BEZ A 045 L6	47 3/8	1203	32 7/8	835	43	1092	30 3/8	772
BEZ A 050 H2/M6	47 3/8	1203	32 7/8	835	43	1092	30 3/8	772
BEZ A 055 L6	47 3/8	1203	32 7/8	835	43	1092	30 3/8	772
BEZ A 060 L6	55 5/8	1413	35 7/8	911	50	1092	41 7/8	1064
BEZ A 075	55 5/8	1413	35 7/8	911	50	1092	41 7/8	1064
BEZ A 100 †	55 5/8	1413	35 7/8	911	50	1092	41 7/8	1064

\*Note: Dimensions for indoor models may be smaller by up to 3/8" (10 mm)

† Options may be limited. Consult factory for details.

NOTE: Discharge hood and legs are optional components



# SPECIFICATIONS

CONDENSING UNIT MODEL	COMPRESSOR MODEL	UNIT CONNECTIONS				RECEIVER CAPACITY 90% FULL		APPROX. SHIPPING WEIGHT			
		SUCTION (OD)		LIQUID (OD)				INDOOR		OUTDOOR	
		Inches	mm	Inches	mm	Lbs.	Kgs	Lbs.	Kgs	Lbs.	Kgs
BEZA030H2	ZB21KCE	1 1/8	29	1/2	13	25	11	380	172	410	186
BEZA035H2	ZB26KC	1 1/8	29	1/2	13	25	11	380	172	415	188
BEZA040H2	ZB30KCE	1 1/8	29	1/2	13	25	11	390	177	420	191
BEZA050H2	ZB38KCE	1 1/8	29	1/2	13	25	11	390	177	425	193
BEZA060H2	ZB45KCE	1 3/8	35	5/8	16	35	16	430	195	470	213
BEZA075H2	ZB56KCE	1 3/8	35	5/8	16	35	16	440	200	480	218
BEZA020M6	ZB15KCE	7/8	22	3/8	10	11	5	280	127	300	136
BEZA025M6	ZB19KCE	7/8	22	1/2	13	14	6	290	132	320	145
BEZA030M6	ZB21KCE	1 1/8	29	1/2	13	22	10	380	172	410	186
BEZA035M6	ZB26KCE	1 1/8	29	1/2	13	22	10	380	172	415	188
BEZA040M6	ZB30KCE	1 1/8	29	1/2	13	22	10	390	177	420	191
BEZA050M6	ZB38KCE	1 1/8	29	1/2	13	22	10	390	177	425	193
BEZA060M6	ZB45KCE	1 3/8	35	5/8	16	30	14	430	195	470	213
BEZA075M6	ZB56KCE	1 3/8	35	5/8	16	30	14	440	200	480	218
BEZA020L6	ZF06K4E	7/8	22	3/8	10	11	5	290	132	315	143
BEZA025L6	ZF08K4E	7/8	22	3/8	10	14	6	310	141	335	152
BEZA030L6	ZF09K4E	7/8	22	3/8	10	14	6	390	177	425	193
BEZA035L6	ZF11K4E	1 1/8	29	1/2	13	14	6	400	181	430	195
BEZA045L6	ZF13K4E	1 1/8	29	1/2	13	22	10	400	181	435	197
BEZA055L6	ZF15K4E	1 1/8	29	1/2	13	22	10	400	181	440	200
BEZA060L6	ZF18K4E	1 3/8	35	1/2	13	30	14	450	204	485	220
BEZA075L6	ZF24K4E	1 3/8	35	5/8	16	30	14	460	209	495	225
BEZA100L6 ^	ZF33K4E	1 3/8	35	5/8	16	48	22	500	227	545	247

^ Options may be limited. Consult factory for details.

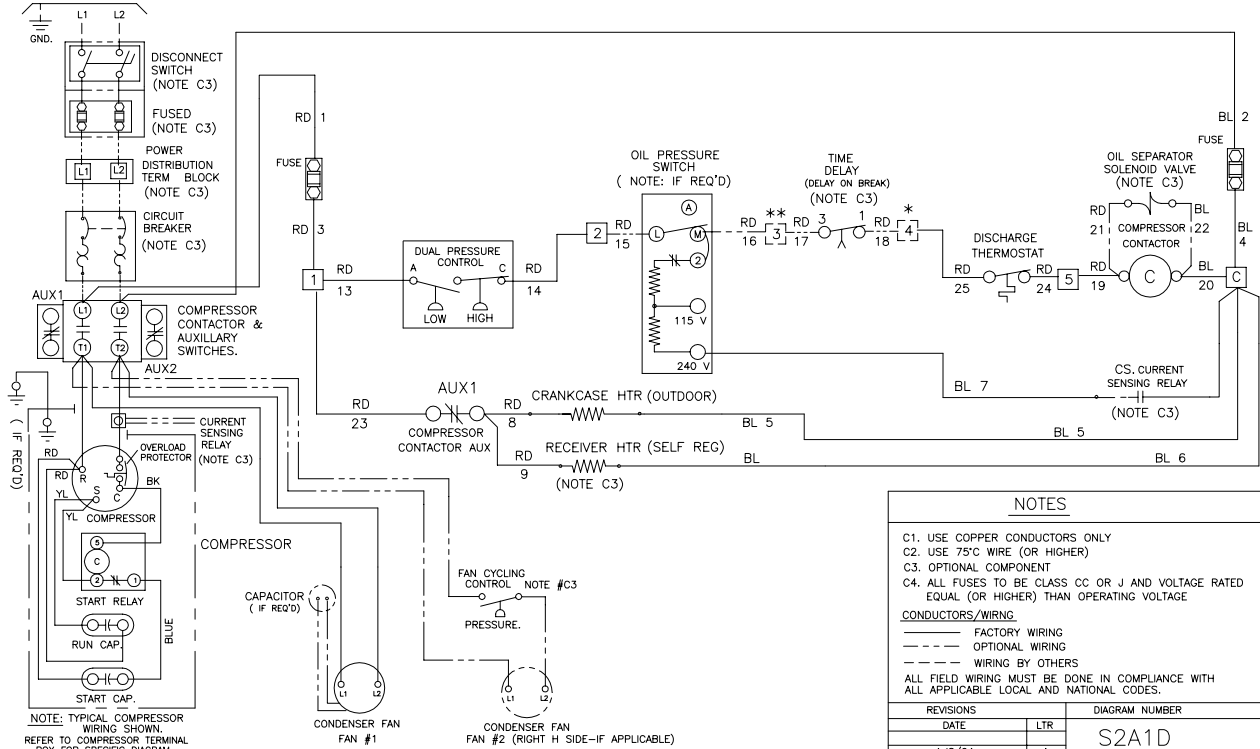
# TYPICAL SYSTEM WIRING DIAGRAM

## 200-220/1/50

### CONDENSING UNIT WIRING DIAGRAM

- 208/230V-1-60 or 200/220V-1-50 Hz
- INHERENT LINE BREAK MOTOR PROTECTION
- STANDARD CONTROL CIRCUIT-WITH DISCHARGE THERMOSTAT

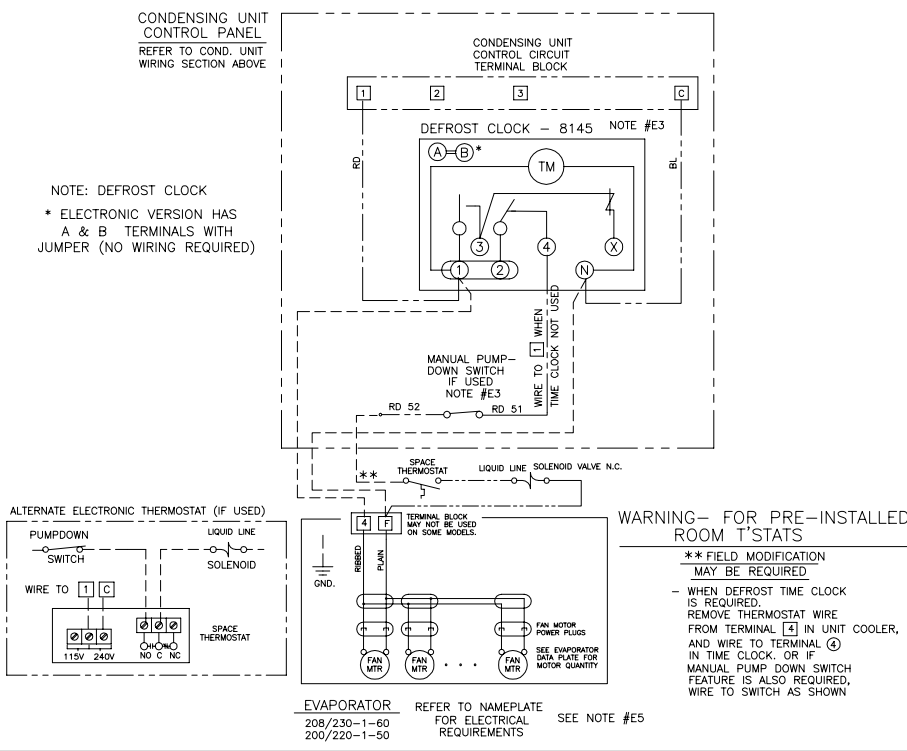
REFER TO CONDENSING UNIT NAMEPLATE FOR ELECTRICAL REQUIREMENTS



- #### NOTES
- C1. USE COPPER CONDUCTORS ONLY
  - C2. USE 75°C WIRE (OR HIGHER)
  - C3. OPTIONAL COMPONENT
  - C4. ALL FUSES TO BE CLASS CC OR J AND VOLTAGE RATED EQUAL (OR HIGHER) THAN OPERATING VOLTAGE
- CONDUCTORS/WIRING**
- FACTORY WIRING
  - - - OPTIONAL WIRING
  - - - WIRING BY OTHERS
- ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES.
- | REVISIONS |     | DIAGRAM NUMBER |
|-----------|-----|----------------|
| DATE      | LTR |                |
| Jul/04    | A   | S2A1D          |

### TYPICAL EVAPORATOR WIRING: FOR SINGLE AIR DEFROST EVAPORATOR- SINGLE POINT

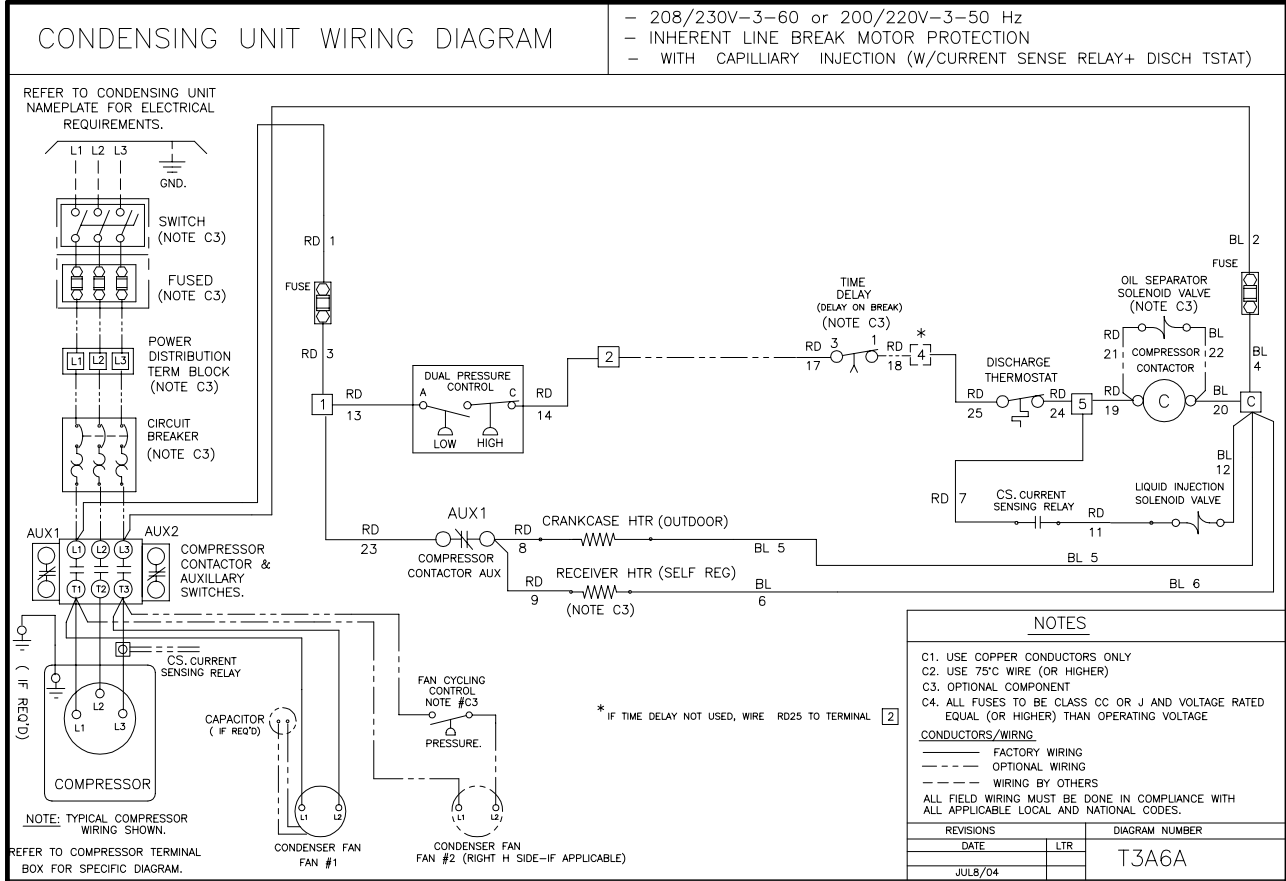
FOR USE WITH: 208/230-1-60, 200/220-1-50 OR 208/230-3-60, 200/220-3-50 CONDENSING UNITS WITH OR WITHOUT DEFROST TIME CLOCK AND FOR TOTAL EVAP FAN AMPS NOT EXCEEDING 12A



- #### NOTES
- E1. USE COPPER CONDUCTORS ONLY
  - E2. USE 75°C WIRE (OR HIGHER)
  - E3. OPTIONAL COMPONENT. MAY BE FACTORY INSTALLED IN COND. UNIT, EVAPORATOR, OR SUPPLIED BY OTHERS.
  - E5. OVERCURRENT PROTECTION FOR EVAPORATOR MUST NOT EXCEED MAXIMUM VALUE SHOWN ON EVAPORATOR NAMEPLATE.
  - E6. ALL FUSES TO BE CLASS CC OR J AND VOLTAGE RATED EQUAL (OR HIGHER) THAN OPERATING VOLTAGE
- TERMINALS**
- - COMPONENT TERMINAL - MARKED
  - - COMPONENT TERMINAL - UNMARKED (IDENTIFIABLE BY LOCATION)
  - - COMPONENT TERMINAL - UNMARKED (UNIDENTIFIABLE)
  - - TERMINAL BLOCK TERMINAL
  - - WIRE SPLICE
- CONDUCTORS/WIRING**
- FACTORY WIRING
  - - - WIRING BY OTHERS
  - - - OPTIONAL COMPONENT WIRING (SOME OPTIONAL COMPONENTS MAY BE FACTORY WIRED.)
- ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES.
- | REVISIONS |     | DIAGRAM NUMBER |
|-----------|-----|----------------|
| DATE      | LTR |                |
| MAR26/03  | A   | KA101          |

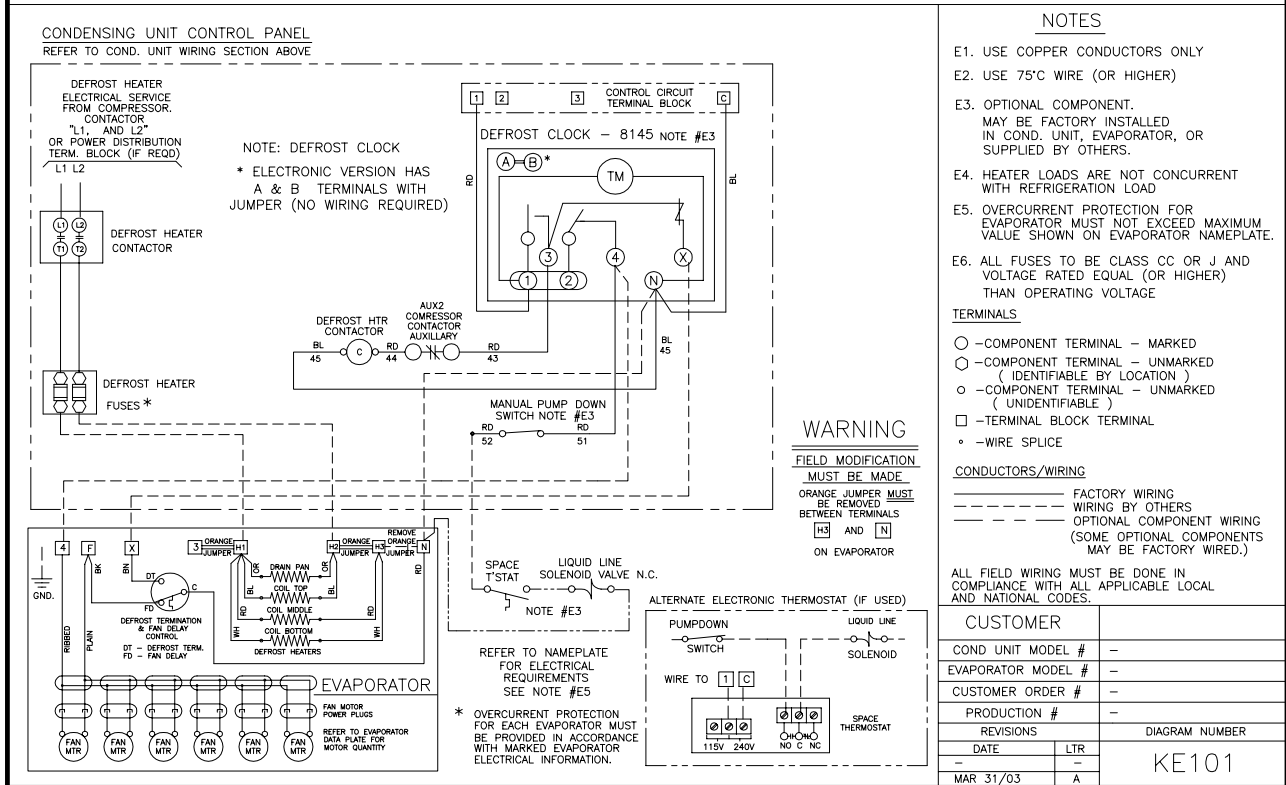
# TYPICAL SYSTEM WIRING DIAGRAM

## 200-220/3/50



### TYPICAL EVAPORATOR WIRING: FOR SINGLE LOW PROFILE ELECT DEFROST EVAPORATOR- SINGLE POINT

FOR USE WITH: 230V SINGLE OR THREE PHASE CONDENSING UNITS WITH DEFROST TIME CLOCK, AND DEFR. HTR. CONTACTOR.

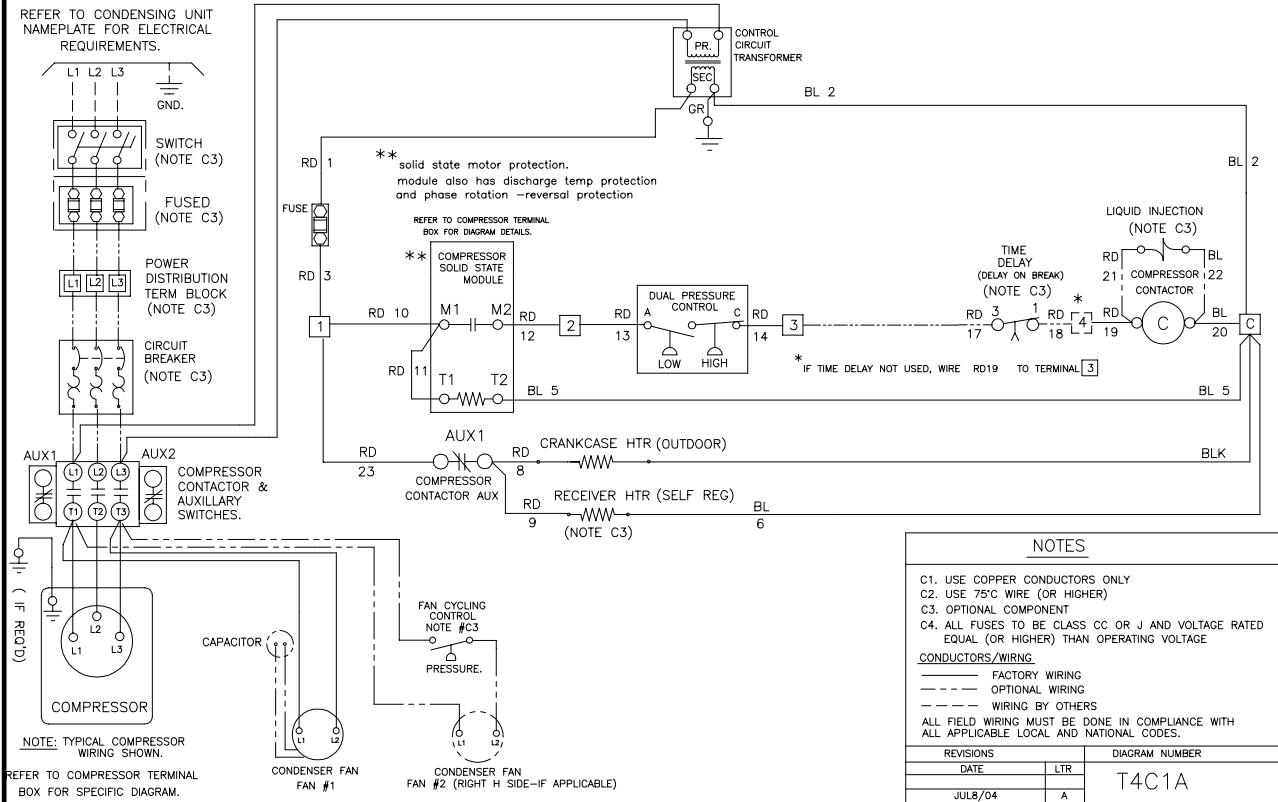


# TYPICAL SYSTEM WIRING DIAGRAM

## 380-400/3/50

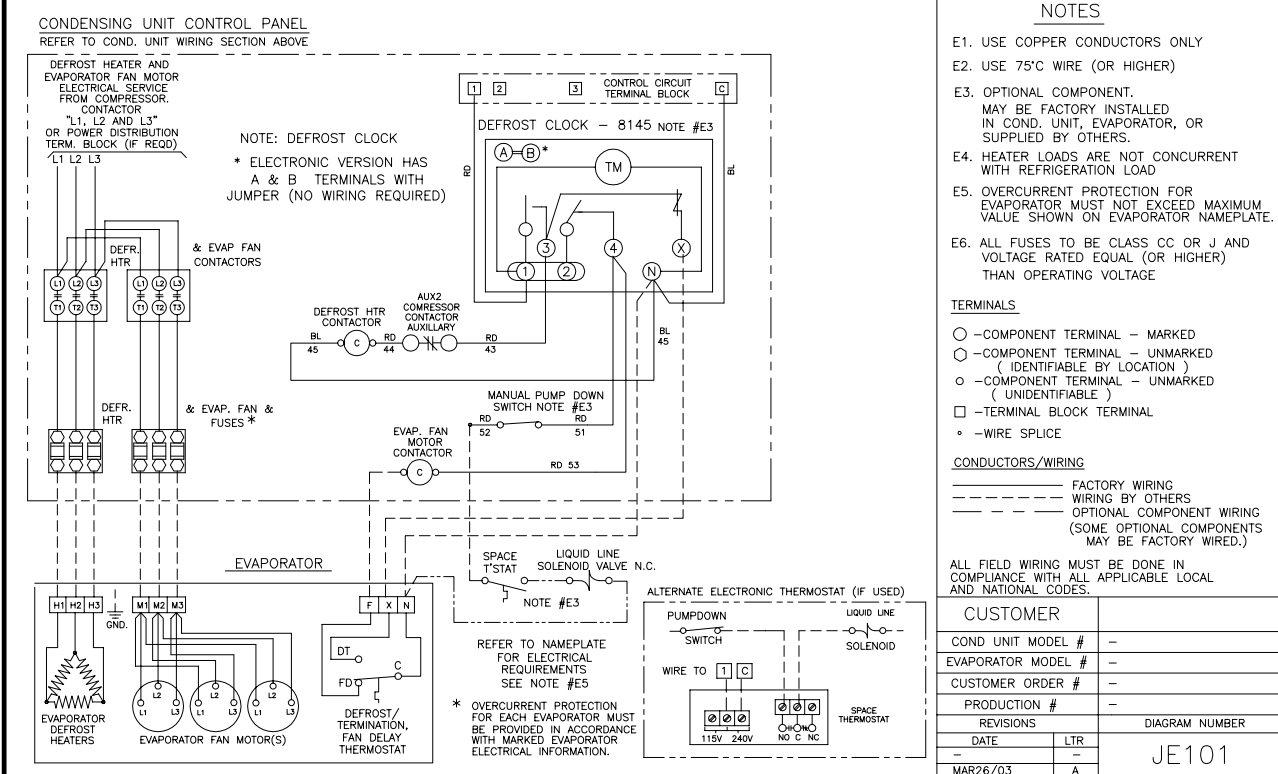
### CONDENSING UNIT WIRING DIAGRAM

- 460-3-60 ,575-3-60 Hz or 380/400V-3-50 Hz
- SOLID STATE MODULE MOTOR PROTECTION (COPELAND SCROLL)
- STANDARD CONTROL CIRCUIT -W/ OPTIONAL CAPILL INJECTION



### TYPICAL EVAPORATOR WIRING: FOR SINGLE MED PROFILE ELECT DEFROST EVAPORATOR- SINGLE POINT

FOR USE WITH: THREE PHASE CONDENSING UNITS WITH DEFROST TIME CLOCK, & EVAP FAN AND DEFR. HTR. CONTACTORS.





# NOTES

# NOTES

# NOTES

System	
Model Number	Date of Start-Up
Serial Number	Service Contractor
Refrigerant	Phone
Electrical Supply	Fax



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