RATING CONDITIONS
65 °F Return Gas
0 °F Subcooling
95 °F Ambient Air Over
60 Hz Operation

HIGH TEMPERATURE

ZF18K4E-TF5
HFC-134A
COPELAND SCROLL®
TF5 200/230-3-60

Evaporating Temperature °F (Sat Dew Pt Pressure, psig)

Condensing Temperature °F (Sat Dew Pt Pressure, psig)

		-10(1.9)	-5(4.1)	0(6.5)	5(9.1)	10(12)	15(15)	20(18)	25(22)	30(26)	35(30)	40(35)	45(40)
140 (229)	C				17600	19800	22200	24800	27700	30900	34400	38200	42300
	P				3910	4020	4140	4260	4380	4500	4630	4760	4890
	A				14.1	14.3	14.5	14.7	15	15.3	15.5	15.8	16.1
	M				314	355	400	450	505	565	635	710	790
	E				4.5	4.9	5.4	5.8	6.3	6.9	7.4	8	8.7
	%				57.6	59.4	61.1	62.7	64	65.2	66.1	66.7	67
130 (199)	C	13200	15000	16900	19000	21400	24000	26800	30000	33400	37100	41200	45600
	P	3280	3380	3480	3580	3690	3800	3910	4030	4150	4270	4400	4530
	A	12.9	13.1	13.2	13.4	13.6	13.8	14.1	14.3	14.5	14.8	15	15.3
	M	220	250	283	319	360	405	455	510	570	640	715	795
	E	4	4.4	4.9	5.3	5.8	6.3	6.9	7.4	8.1	8.7	9.4	10.1
	%	54.4	56.4	58.4	60.1	61.7	63.1	64.3	65.3	66	66.4	66.4	66.1
120 (171)	C	14100	16000	18100	20400	22900	25700	28800	32100	35800	39800	44100	48700
	P	3010	3100	3190	3290	3390	3500	3610	3720	3840	3960	4080	4210
	A	12.4	12.6	12.7	12.9	13.1	13.3	13.5	13.7	13.9	14.1	14.4	14.6
	M	222	252	286	323	364	409	459	515	575	645	715	795
	E	4.7	5.2	5.7	6.2	6.8	7.4	8	8.6	9.3	10	10.8	11.6
	%	56.3	58.4	60.3	61.8	63.2	64.3	65.1	65.6	65.8	65.6	65	64.1
110 (146)	C	15000	17000	19200	21700	24400	27400	30600	34200	38100	42300	46900	52000
	P	2770	2850	2940	3030	3130	3230	3340	3450	3560	3680	3800	3930
	A	12	12.2	12.3	12.5	12.6	12.8	13	13.2	13.4	13.6	13.8	14.1
	M	222	253	287	325	366	412	462	520	580	645	720	800
	E	5.4	6	6.5	7.2	7.8	8.5	9.2	9.9	10.7	11.5	12.3	13.2
	%	57.5	59.6	61.3	62.7	63.7	64.5	64.8	64.8	64.4	63.6	62.4	60.7
105 (135)	C	15400	17500	19800	22300	25100	28200	31600	35200	39200	43500	48200	53500
	P	2650	2740	2820	2910	3010	3110	3210	3320	3430	3550	3670	3800
	A	11.9	12	12.1	12.3	12.4	12.6	12.8	12.9	13.1	13.4	13.6	13.8
	M	221	253	288	326	367	413	463	520	580	645	720	800
	E	5.8	6.4	7	7.7	8.4	9.1	9.8	10.6	11.4	12.3	13.1	14
	%	57.7	59.8	61.5	62.8	63.7	64.2	64.3	64	63.3	62.2	60.6	58.6
100 (124)	C	15800	18000	20400	23000	25800	29000	32400	36200	40300	44800	49600	54500
	P	2550	2630	2710	2800	2890	2990	3090	3200	3310	3430	3550	3670
	A	11.7	11.8	12	12.1	12.2	12.4	12.5	12.7	12.9	13.1	13.4	13.6
	M	221	253	288	326	368	414	464	520	580	645	720	800
	E	6.2	6.8	7.5	8.2	8.9	9.7	10.5	11.3	12.2	13.1	14	14.9
	%	57.8	59.9	61.5	62.7	63.4	63.6	63.5	62.9	61.9	60.4	58.5	56
90 (104)	C	16700	18900	21400	24200	27200	30600	34200	38200	42500	47200	52000	57500
	P	2350	2420	2500	2580	2670	2770	2860	2970	3080	3190	3310	3440
	A	11.4	11.5	11.6	11.7	11.9	12	12.2	12.3	12.5	12.7	12.9	13.2
	M	219	252	288	327	369	415	466	520	580	650	720	800
	E	7.1	7.8	8.6	9.4	10.2	11.1	11.9	12.9	13.8	14.8	15.8	16.8
	%	57.5	59.6	61	61.9	62.2	61.9	61.2	60	58.2	56	53.2	49.9
80 (87)	C	17500	19900	22500	25400	28600	32100	35900	40100	44600	49500	55000	
	P	2160	2220	2300	2380	2460	2550	2650	2750	2860	2970	3090	
	A	11.1	11.2	11.3	11.4	11.5	11.7	11.8	12	12.2	12.3	12.6	
	M	217	251	287	327	370	416	467	525	585	650	720	
	E	8.1	8.9	9.8	10.7	11.6	12.6	13.6	14.6	15.6	16.7	17.7	
	%	56.7	58.7	59.9	60.4	60.2	59.3	57.9	55.9	53.3	50.2	46.5	
70 (71)	C	18300	20800	23600	26600	30000	33600	37600	42000	46700	52000		
	P	1960	2030	2090	2170	2250	2340	2430	2530	2640	2750		
	A	10.9	10.9	11	11.1	11.2	11.3	11.5	11.6	11.8	12		
	M	214	249	287	327	370	418	469	525	585	650		
	E	9.3	10.3	11.2	12.3	13.3	14.4	15.5	16.6	17.7	18.9		
	%	55.5	57.4	58.3	58.3	57.4	55.9	53.6	50.7	47.1	43		

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 230 V

C:Capacity(Btu/hr), P:Power(Watts), A:Current(Amps), M:Mass Flow(lbs/hr), E:EER(Btu/Watt-hr), %:Isentropic Efficiency(%)

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Autogenerated Compressor Performance