

Rating Conditions

65 °F Return Gas
 0 F Subcooling
 95 °F Ambient Air Over

60 Hz Operation

MEDIUM TEMPERATURE

Blue Area Restrictions: 50°F Max.
 Return Gas Temp.

3DT3R17ME-TFC

COPELAMETIC® HCFC-22
 DISCUS® COMPRESSOR
 TFC 208/230-3-60

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

	-10.0 (17)	-5.0 (20)	0.0 (24)	5.0 (28)	10.0 (33)	20.0 (43)	30.0 (55)	40.0 (69)	45.0 (76)
140.0 (337)									
C					82,500	102,000	125,000	152,000	167,000
P					14,100	15,500	16,800	18,000	18,500
A					44.8	48.5	52.0	55.1	56.4
M					1,340	1,670	2,060	2,530	2,810
E					5.9	6.6	7.4	8.4	9.0
%					71.5	70.9	70.3	69.6	69.2
130.0 (297)									
C				78,000	87,500	109,000	134,000	163,000	180,000
P				12,600	13,300	14,600	15,800	16,800	17,200
A				41.3	43.0	46.3	49.3	51.8	52.9
M				1,190	1,340	1,680	2,090	2,580	2,860
E				6.2	6.6	7.4	8.5	9.7	10.5
%				70.6	70.7	70.4	69.8	69.1	68.7
120.0 (260)									
C			73,000	82,500	93,000	116,000	143,000	175,000	193,000
P			11,300	12,000	12,600	13,700	14,700	15,500	15,800
A			38.2	39.7	41.2	44.1	46.6	48.6	49.4
M			1,060	1,200	1,350	1,700	2,120	2,620	2,910
E			6.5	6.9	7.4	8.5	9.7	11.3	12.2
%			69.7	70.0	70.1	69.9	69.3	68.5	67.9
110.0 (226)									
C	59,000	68,000	77,500	88,000	99,000	124,000	153,000	188,000	207,000
P	9,500	10,100	10,700	11,300	11,800	12,800	13,600	14,200	14,400
A	34.0	35.4	36.8	38.2	39.5	41.9	43.8	45.3	45.8
M	815	940	1,070	1,220	1,380	1,730	2,160	2,680	2,970
E	6.2	6.7	7.2	7.8	8.4	9.7	11.2	13.2	14.4
%	67.9	68.7	69.2	69.5	69.6	69.3	68.7	67.6	66.8
100.0 (196)									
C	63,000	72,500	82,500	93,500	105,000	132,000	163,000	200,000	221,000
P	9,050	9,600	10,100	10,600	11,100	11,900	12,500	12,800	12,900
A	33.0	34.2	35.5	36.6	37.7	39.6	41.1	41.9	42.1
M	830	955	1,090	1,240	1,400	1,770	2,210	2,730	3,030
E	7.0	7.6	8.2	8.8	9.5	11.1	13.1	15.6	17.1
%	67.6	68.3	68.8	68.9	69.0	68.6	67.7	66.2	65.2
90.0 (168)									
C	67,500	77,500	88,000	100,000	112,000	141,000	174,000	213,000	235,000
P	8,600	9,050	9,550	9,950	10,300	10,900	11,300	11,400	11,300
A	32.0	33.1	34.1	35.1	35.9	37.3	38.2	38.5	38.3
M	855	985	1,120	1,270	1,440	1,810	2,260	2,790	3,100
E	7.9	8.5	9.3	10.0	10.9	12.9	15.4	18.7	20.8
%	67.3	67.9	68.1	68.2	68.1	67.5	66.3	64.3	62.8
70.0 (121)									
C	78,000	89,000	101,000	113,000	127,000	159,000	196,000	240,000	264,000
P	7,700	8,000	8,300	8,500	8,700	8,850	8,700	8,250	7,850
A	30.0	30.7	31.3	31.8	32.1	32.5	32.2	31.2	30.3
M	915	1,050	1,190	1,340	1,510	1,900	2,360	2,910	3,220
E	10.1	11.1	12.1	13.3	14.6	18.0	22.5	29.1	33.6
%	65.9	66.0	66.0	65.7	65.3	63.9	61.4	57.0	53.6
60.0 (102)									
C	83,500	95,000	107,000	121,000	135,000				
P	7,200	7,450	7,600	7,750	7,800				
A	28.9	29.4	29.7	30.0	30.1				
M	950	1,080	1,220	1,380	1,550				
E	11.6	12.7	14.1	15.6	17.3				
%	64.5	64.4	64.1	63.7	63.0				
50.0 (84)									
C	90,000								
P	6,700								
A	27.7								
M	990								
E	13.4								
%	62.4								

C: Capacity (Btu/hr), P: Power (W), A: Current (Amps), M: Mass Flow (lb/hr), E: EER (Btu/Wh), %: Isentropic Efficiency (%)

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