Rating Conditions

65 °F Return Gas

0 F Subcooling

95 °F Ambient Air Over

60 Hz Operation

MEDIUM TEMPERATURE

HFCs Require Use of Polyol Ester Lubricant Approved on Form 93-11

3DS3R17ME-TFC

HFC-404A

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 (24)	**0.0** (33)	**5.0** (38)	**10.0** (43)	**15.0** (49)	**20.0** (55)	**25.0** (62)	**30.0** (69)	**35.0** (77)	**40.0** (85)	**45.0** (94)
140.0 (402)	**C**	45,400	58,500	66,000	73,500	81,500	90,500	100,000	110,000	121,000	133,000	147,000
	P	12,000	13,600	14,400	15,200	16,000	16,800	17,600	18,500	19,200	20,000	20,800
	A	38.8	42.6	44.6	46.6	48.6	50.6	52.7	54.7	56.7	58.7	60.6
	M	1,134	1,480	1,671	1,877	2,103	2,350	2,623	2,926	3,263	3,639	4,062
	E	3.8	4.3	4.6	4.8	5.1	5.4	5.7	6.0	6.3	6.7	7.1
	%	71.0	72.7	72.8	72.6	72.2	71.7	71.2	70.6	69.9	69.2	68.4
130.0 (354)	**C**	52,000	66,500	74,500	83,500	93,000	103,000	114,000	126,000	139,000	154,000	169,000
	P	11,600	13,100	13,900	14,600	15,300	16,100	16,800	17,500	18,200	18,900	19,500
	A	38.0	41.6	43.4	45.2	47.0	48.8	50.6	52.4	54.2	55.8	57.4
	M	1,155	1,497	1,689	1,898	2,128	2,381	2,661	2,971	3,315	3,698	4,125
	E	4.5	5.1	5.4	5.7	6.0	6.4	6.8	7.2	7.7	8.1	8.7
	%	70.6	71.8	71.8	71.7	71.4	71.0	70.5	69.9	69.2	68.5	67.6
120.0 (310)	**C**	58,000	74,500	83,500	93,500	104,000	116,000	129,000	142,000	157,000	174,000	192,000
	P	11,200	12,600	13,300	14,000	14,600	15,300	15,900	16,500	17,100	17,600	18,200
	A	37.2	40.4	42.0	43.7	45.3	46.9	48.4	49.9	51.4	52.8	54.1
	M	1,179	1,521	1,716	1,931	2,166	2,427	2,715	3,034	3,387	3,779	4,215
	E	5.2	5.9	6.3	6.7	7.1	7.6	8.1	8.6	9.2	9.9	10.5
	%	70.4	71.1	71.2	71.0	70.8	70.4	70.0	69.4	68.7	67.8	66.8
110.0 (270)	**C**	64,500	82,500	92,500	104,000	116,000	129,000	143,000	159,000	176,000	194,000	214,000
	P	10,800	12,100	12,700	13,300	13,900	14,400	14,900	15,400	15,900	16,300	16,700
	A	36.2	39.1	40.6	42.0	43.4	44.8	46.1	47.3	48.5	49.5	50.5
	M	1,204	1,549	1,748	1,968	2,211	2,479	2,776	3,105	3,468	3,871	4,316
	E	6.0	6.8	7.3	7.8	8.3	8.9	9.6	10.3	11.0	11.9	12.8
	%	70.0	70.5	70.5	70.4	70.2	69.8	69.4	68.7	67.9	66.9	65.6
100.0 (235)	**C**	71,000	90,500	101,000	114,000	127,000	142,000	158,000	175,000	194,000	215,000	237,000
	P	10,400	11,500	12,000	12,600	13,100	13,500	13,900	14,300	14,700	15,000	15,300
	A	35.1	37.7	39.0	40.2	41.4	42.5	43.6	44.5	45.4	46.2	46.8
	M	1,229	1,580	1,784	2,010	2,260	2,536	2,843	3,181	3,555	3,968	4,424
	E	6.8	7.8	8.4	9.1	9.7	10.5	11.3	12.2	13.2	14.3	15.6
	%	69.6	69.8	69.8	69.6	69.4	69.0	68.4	67.6	66.6	65.3	63.7
90.0 (202)	**C**	77,500	98,500	111,000	124,000	139,000	155,000	173,000	192,000	213,000	236,000	261,000
	P	9,900	10,900	11,400	11,800	12,200	12,600	12,900	13,200	13,400	13,600	13,700
	A	34.1	36.3	37.4	38.4	39.4	40.3	41.0	41.7	42.3	42.7	43.0
	M	1,257	1,613	1,822	2,054	2,312	2,597	2,912	3,261	3,645	4,069	4,536
	E	7.8	9.0	9.8	10.5	11.4	12.4	13.4	14.6	15.9	17.4	19.0
	%	69.0	68.9	68.8	68.6	68.3	67.7	67.0	66.0	64.6	62.9	60.7
70.0 (147)	**C**	91,000	116,000	130,000	146,000	164,000	183,000	205,000	228,000	253,000	280,000	310,000
	P	8,800	9,550	9,850	10,100	10,300	10,500	10,600	10,600	10,600	10,500	10,400
	A	32.0	33.6	34.2	34.8	35.3	35.6	35.8	35.9	35.9	35.6	35.2
	M	1,319	1,689	1,909	2,154	2,426	2,728	3,062	3,430	3,835	4,280	4,769
	E	10.3	12.1	13.2	14.5	15.9	17.5	19.3	21.4	23.8	26.6	29.8
	%	67.3	66.4	65.9	65.2	64.4	63.2	61.6	59.5	56.7	53.2	48.7
60.0 (124)	**C**	98,000	125,000	140,000	158,000	177,000	198,000	221,000	246,000	273,000		
	P	8,200	8,800	9,000	9,200	9,300	9,350	9,350	9,250	9,100		
	A	31.1	32.3	32.7	33.1	33.3	33.4	33.3	33.1	32.7		
	M	1,354	1,732	1,958	2,209	2,489	2,799	3,142	3,519	3,935		
	E	12.0	14.2	15.6	17.2	19.0	21.2	23.7	26.6	30.0		
	%	66.0	64.4	63.5	62.4	61.0	59.2	56.7	53.5	49.3		
50.0 (104)	**C**	106,000	134,000	151,000	170,000	191,000	213,000	238,000	265,000			
	P	7,550	8,000	8,150	8,200	8,200	8,150	8,050	7,850			
	A	30.3	31.1	31.3	31.4	31.4	31.2	30.8	30.3			
	M	1,393	1,780	2,011	2,269	2,556	2,874	3,226	3,613			
	E	14.0	16.8	18.6	20.7	23.2	26.1	29.6	33.8			
	%	64.1	61.6	60.1	58.4	56.1	53.1	49.2	44.0			

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