

### Rating Conditions

18.3 °C Return Gas  
0 K Subcooling  
35 °C Ambient Air Over

50 Hz Operation

### LOW TEMPERATURE

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

### 4DJNF76KE-FSD

COPELAMETIC® HFC-404A  
DISCUS® COMPRESSOR  
FSD 380/420-3-50

Condensing Temperature °C  
(Sat. Dew Pt. Pressure, bar)

Evaporating Temperature °C (Sat. Dew Pt. Pressure, bar)

	-40.0(1.3)	-35.0(1.6)	-30.0(2)	-25.0(2.5)	-20.0(3)	-18.0(3.2)
54.0 C	6,550	10,700	14,800	19,100	23,700	25,700
(25.1) P	7,700	10,300	12,600	14,700	16,600	17,300
A	17.6	21.2	24.4	27.4	30.1	31.2
M	61.1	100	139	181	226	246
E	0.9	1.0	1.2	1.3	1.4	1.5
%	62.9	69.4	71.3	71.7	71.4	71.1
50.0 C	8,150	12,200	16,400	20,800	25,700	27,800
(23) P	8,150	10,500	12,600	14,400	16,100	16,800
A	18.3	21.5	24.4	27.0	29.5	30.5
M	70.5	106.5	144	184	229	248
E	1.0	1.2	1.3	1.4	1.6	1.7
%	66.3	70.0	71.1	71.3	70.9	70.6
40.0 C	11,400	15,600	20,200	25,200	31,000	33,500
(18.1) P	8,700	10,500	12,000	13,500	14,800	15,400
A	19.2	21.5	23.6	25.6	27.7	28.5
M	86	118.5	153	193	239	260
E	1.3	1.5	1.7	1.9	2.1	2.2
%	69.2	70.8	71.5	71.7	71.2	70.8
30.0 C	14,050	18,800	24,100	30,400	37,500	40,500
(14.1) P	8,600	9,950	11,200	12,300	13,600	14,100
A	19.1	20.7	22.2	23.9	25.8	26.6
M	94.5	127	164	206	257	279
E	1.6	1.9	2.2	2.5	2.8	2.9
%	69.2	71.4	72.6	72.8	71.7	70.9
20.0 C	16,300	22,000	28,600	36,000	45,000	49,000
(10.8) P	8,100	9,200	10,200	11,300	12,600	13,100
A	18.4	19.5	20.8	22.3	24.2	25.0
M	99.5	134	175	223	280	305
E	2.0	2.4	2.8	3.2	3.6	3.7
%	68.2	71.4	72.8	72.2	69.6	67.9
10.0 C	18,400	25,500	33,500	43,000	54,500	59,000
(8.2) P	7,500	8,500	9,550	10,800	12,200	12,800
A	17.4	18.3	19.5	21.1	23.3	24.3
M	103	143	190	245	309	338
E	2.5	3.0	3.5	4.0	4.5	4.6
%	65.5	69.0	69.5	66.8	61.3	58.4
5.0 C	19,500	27,400	36,500	47,500	59,500	65,000
(7) P	7,250	8,300	9,400	10,700	12,300	13,000
A	16.9	17.8	19.1	20.8	23.2	24.3
M	105	148	198	257	326	356
E	2.7	3.3	3.9	4.4	4.9	5.0
%	62.9	66.1	65.5	61.4	54.2	50.7

C: Capacity (W), P: Power (W), A: Current (Amps), M: Mass Flow (gm/s), E: COP, %: Isentropic Efficiency (%)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 380 V