

Rating Conditions

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

60 Hz Operation

**LOW
TEMPERATURE**

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

ZFD25KVE-TFE

**HFC-404A
COPELAND SCROLL®
TFE 575-3-60**

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

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

		-40.0 (4)	-35.0 (7)	-30.0 (10)	-25.0 (13)	-20.0 (16)	-15.0 (20)	-10.0 (24)	-5.0 (28)	0.0 (33)
140.0 (402)	C P A M E L									51,600 9,970 10.9 734 5.2 63.8
130.0 (354)	C P A M E L				33,900 7,510 8.5 415 4.5 33.5	37,500 7,850 8.9 470 4.8 38.9	41,200 8,170 9.2 530 5.1 44.0	45,300 8,460 9.4 596 5.4 48.8	49,600 8,730 9.7 668 5.7 53.4	54,200 8,990 10.0 748 6.1 57.8
120.0 (310)	C P A M E L			31,600 6,540 7.6 371 4.9 23.4	35,100 6,850 7.9 422 5.2 28.8	38,900 7,130 8.2 478 5.5 34.0	42,800 7,400 8.4 538 5.8 38.9	47,100 7,640 8.7 605 6.2 43.5	51,600 7,870 8.9 679 6.6 48.0	56,500 8,090 9.1 760 7.0 52.2
110.0 (270)	C P A M E L	25,500 5,400 6.5 283 4.8 8.3	29,000 5,700 6.8 328 5.1 13.9	32,500 5,980 7.1 375 5.5 19.3	36,200 6,240 7.3 427 5.8 24.4	40,100 6,470 7.5 483 6.2 29.3	44,200 6,690 7.8 545 6.6 34.1	48,700 6,900 7.9 613 7.1 38.6	53,500 7,090 8.1 687 7.6 42.9	58,600 7,270 8.3 769 8.1 47.0
105.0 (252)	C P A M E L	25,800 5,180 6.4 284 5.0 6.5	29,300 5,460 6.6 329 5.4 12.0	32,900 5,710 6.8 377 5.8 17.3	36,600 5,950 7.1 429 6.2 22.3	40,600 6,160 7.3 486 6.6 27.1	44,900 6,360 7.4 548 7.1 31.8	49,400 6,550 7.6 616 7.6 36.2	54,300 6,720 7.8 691 8.1 40.5	59,500 6,890 7.9 773 8.7 44.5
100.0 (235)	C P A M E L	26,100 4,970 6.2 285 5.3 4.9	29,600 5,230 6.4 330 5.7 10.2	33,300 5,460 6.6 379 6.1 15.4	37,100 5,670 6.8 431 6.6 20.3	41,100 5,870 7.0 488 7.0 25.0	45,500 6,050 7.2 550 7.5 29.6	50,100 6,220 7.3 618 8.1 33.9	55,100 6,380 7.5 694 8.7 38.1	60,400 6,530 7.6 777 9.3 42.2
80.0 (173)	C P A M E L	27,000 4,190 5.5 289 6.5 -1.4	30,700 4,360 5.7 334 7.1 3.5	34,500 4,520 5.8 383 7.7 8.3	38,600 4,660 5.9 436 8.3 12.8	42,900 4,790 6.0 494 9.0 17.3	47,500 4,920 6.1 557 9.7 21.6	52,400 5,040 6.2 626 10.4 25.8	57,700 5,160 6.3 703 11.2 29.8	63,500 5,270 6.5 787 12.1 33.8
70.0 (147)	C P A M E L	27,400 3,830 5.2 291 7.2 -4.2	31,200 3,970 5.3 336 7.9 0.5	35,100 4,090 5.4 385 8.6 5.1	39,200 4,210 5.5 438 9.3 9.5	43,600 4,320 5.6 496 10.1 13.9	48,300 4,430 5.7 559 10.9 18.1	53,400 4,540 5.8 629 11.8 22.2	58,800 4,640 5.9 706 12.7 26.3	64,700 4,750 6.0 791 13.6 30.2
40.0 (85)	C P A M E L	29,000 2,800 4.4 301 10.4 -11.5	32,800 2,880 4.5 345 11.4 -7.1	36,800 2,970 4.6 393 12.4 -2.8	41,100 3,050 4.6 446 13.5 1.4	45,600 3,140 4.7 503 14.6 5.6	50,500 3,230 4.8 567 15.6 9.8	55,800 3,340 4.8 637 16.7 13.9	61,500 3,450 4.9 715 17.8 18.0	67,600 3,580 5.0 801 18.9 22.2

C: Capacity (Btu/hr), P: Power (W), A: Current (Amps), M: Mass Flow (lb/hr), E: EER (Btu/Wh), L: Liquid Temp. (°F)

Nominal Performance Values (±5%) based on 72 hours run-in. Subject to change without notice. Current @ 575 V