

Rating Conditions

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

60 Hz Operation

**HIGH
TEMPERATURE**

ZB19KCE-PFV

HCFC-22

COPELAND SCROLL®

PFV 208/230-1-60

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

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

		10.0 (33)	15.0 (38)	20.0 (43)	25.0 (49)	30.0 (55)	40.0 (69)	45.0 (76)	50.0 (84)	55.0 (93)
150.0 (382)	C						20,600	22,800	25,300	28,100
	P						3,410	3,400	3,380	3,360
	A						15.1	15.0	14.9	14.8
	M						366	409	457	510
	E						6.0	6.7	7.5	8.3
	%						57.6	59.9	62.2	64.5
140.0 (337)	C						22,500	24,900	27,500	30,400
	P						3,030	3,020	3,010	2,990
	A						13.4	13.3	13.3	13.2
	M						375	417	465	519
	E						7.4	8.2	9.1	10.2
	%						61.2	63.1	65.0	66.8
130.0 (297)	C				17,800	19,800	24,200	26,700	29,500	32,600
	P				2,700	2,700	2,690	2,690	2,680	2,660
	A				12.0	11.9	11.9	11.9	11.9	11.8
	M				277	308	382	424	472	525
	E				6.6	7.3	9.0	10.0	11.0	12.2
	%				58.3	60.3	63.8	65.3	66.6	67.8
120.0 (260)	C			17,200	19,100	21,200	25,900	28,500	31,500	34,700
	P			2,400	2,400	2,400	2,400	2,400	2,390	2,380
	A			10.7	10.7	10.7	10.7	10.7	10.6	10.6
	M			252	282	314	387	430	477	530
	E			7.1	8.0	8.8	10.8	11.9	13.1	14.5
	%			59.0	61.1	62.8	65.3	66.1	66.7	67.1
110.0 (226)	C	14,500	16,400	18,300	20,300	22,500	27,400	30,200	33,300	36,700
	P	2,160	2,150	2,140	2,140	2,140	2,150	2,150	2,150	2,140
	A	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
	M	202	228	256	286	318	392	434	481	534
	E	6.7	7.6	8.5	9.5	10.5	12.8	14.0	15.5	17.1
	%	56.0	59.0	61.2	62.9	64.1	65.3	65.3	65.0	64.4
100.0 (196)	C	15,400	17,300	19,300	21,500	23,800	28,900	31,900	35,100	38,600
	P	1,930	1,920	1,920	1,920	1,920	1,930	1,940	1,940	1,940
	A	8.7	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.7
	M	205	232	259	289	321	395	438	485	537
	E	8.0	9.0	10.1	11.2	12.4	15.0	16.4	18.1	19.9
	%	58.0	60.5	62.3	63.4	64.0	63.5	62.6	61.2	59.4
90.0 (168)	C	16,300	18,300	20,400	22,600	25,000	30,400	33,400	36,800	40,400
	P	1,730	1,720	1,720	1,720	1,730	1,750	1,760	1,760	1,760
	A	7.8	7.8	7.8	7.8	7.8	7.9	7.9	8.0	8.0
	M	208	234	262	292	324	398	440	487	539
	E	9.4	10.6	11.8	13.1	14.4	17.4	19.0	20.9	23.0
	%	58.9	60.9	62.1	62.5	62.1	59.7	57.6	55.0	51.7
80.0 (144)	C	17,100	19,100	21,300	23,700	26,100	31,800	34,900	38,400	42,200
	P	1,560	1,550	1,550	1,550	1,560	1,590	1,600	1,600	1,610
	A	7.1	7.1	7.1	7.1	7.2	7.2	7.3	7.3	7.3
	M	210	236	264	294	326	400	443	489	541
	E	11.0	12.4	13.8	15.2	16.7	20.0	21.9	24.0	26.3
	%	58.6	59.9	60.3	59.7	58.4	53.6	50.1	46.0	41.1
70.0 (121)	C	17,900	20,000	22,300	24,700	27,300	33,100	36,400		
	P	1,400	1,400	1,400	1,410	1,420	1,440	1,460		
	A	6.5	6.5	6.5	6.5	6.6	6.7	6.7		
	M	212	238	266	296	328	402	444		
	E	12.8	14.3	15.9	17.6	19.3	22.9	25.0		
	%	56.9	57.3	56.7	55.0	52.5	44.9	39.9		

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