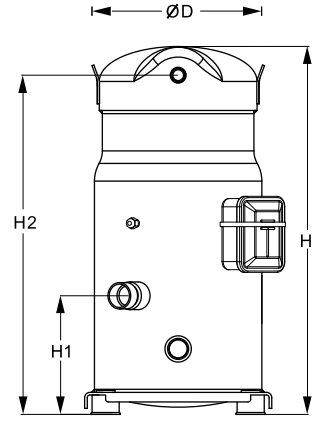
General Characteristics

Model number (on compressor nameplate)		**SZ120S4VC**
Code number for Singlepack*		SZ120-4VI
Code number for Industrial pack**		SZ120-4VM
Drawing number		8552037b
Suction and discharge connections		Brazed
Suction connection		1-3/8 " ODF
Discharge connection		7/8 " ODF
Oil sight glass		Threaded
Oil equalization connection		3/8'' flare SAE
Oil drain connection		None
LP gauge port		Schrader
IPR valve		None
Swept volume	10.17 in3/rev	
Displacement @ Nominal speed	1024 cfh @ 2900 rpm - 1236 cfh @ 3500 rpm	
Net weight	161 lbs	
Oil charge	110 oz, POE - 160SZ	
Maximum system test pressure Low Side / High side	363 psi / 464 psi	
Maximum differential test pressure	348 psi	
Maximum number of starts per hour	12	
Refrigerant charge limit	22 lbs	
Approved refrigerants	R407C, R134a, R404A, R507A	

Dimensions

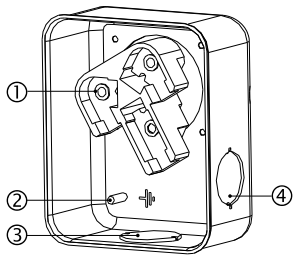


D=10 inch, H=22 inch,
H1=7 inch, H2=20.3 inch

Electrical Characteristics

Nominal voltage	380-400V/3/50Hz - 460V/3/60Hz
Voltage range	340-440 V @ 50Hz - 414-506 V @ 60Hz
Winding resistance (between phases) +/- 7% at 77°F	1.05 Ω
Rated Load Amps (RLA)	20.7 A
Maximum Continuous Current (MCC)	29 A
Locked Rotor Amps (LRA)	130 A
Motor protection	Internal overload protector

Terminal box



IP54 (with cable gland)

1: Power connection, 3 x 4.8 mm (3/16'')
2: Earth M4-12
3: Knock-out Ø 29 mm (1.14'')
4: Knock-out Ø 25.5 mm (1.00'')

Recommended Installation torques

Oil sight glass	37 ft.lbs
Power connections / Earth connection	2 ft.lbs / 1 ft.lbs
Mounting bolts	15 ft.lbs

Parts shipped with compressor

Mounting kit with grommets, bolts, nuts, sleeves and washers
Initial oil charge
Installation instructions

Approvals : CE certified, UL certified (file SA6873), -

*Singlepack: Compressor in cardboard box

**Industrial pack: 8 Unboxed compressors on pallet (order per multiples of 8)

Rotolock accessories, suction side	Code no.
Solder sleeve, P10 (1-3/4" Rotolock, 1-3/8" ODF)	8153003
Rotolock valve, V10 (1-3/4" Rotolock, 1-3/8" ODF)	8168022
Gasket, 1-3/4"	8156132

Rotolock accessories, discharge side	Code no.
Rotolock valve, V05 (1-1/4" Rotolock, 7/8" ODF)	8168030
Gasket, 1-3/4"	8156132

Rotolock accessories, sets	Code no.
Solder sleeve adapter set, 1-1/8" ODF & 7/8" ODF	120Z0405
Valve set, V10 (1-3/4"~1-3/8"), V05 (1-1/4"~7/8")	7703392
Gasket set, 1-1/4", 1-3/4", 2-1/4", OSG gaskets black & white	8156013

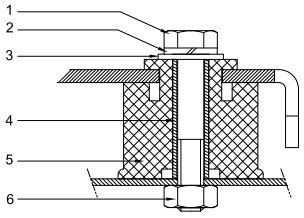
Oil / lubricants	Code no.
POE lubricant, 160SZ, 1 liter can	7754023
POE lubricant, 160SZ, 2 liter can	7754024

Crankcase heaters	Code no.
Surface sump heater + bottom insulation, 48 W, 24 V, CE mark, UL	120Z0361
Surface sump heater + bottom insulation, 48 W, 230 V, CE mark, UL	120Z0380
Surface sump heater + bottom insulation, 48 W, 400 V, CE mark, UL	120Z0381
Surface sump heater + bottom insulation, 48 W, 460 V, CE mark	120Z0382
Belt type crankcase heater, 65 W, 460 V, CE mark, UL	120Z0466
Belt type crankcase heater, 65 W, 230 V, CE mark, UL	7773107
Belt type crankcase heater, 65 W, 400 V, CE mark, UL	7773117
Belt type crankcase heater, 65 W, 400 V, CE mark, UL	120Z0039

Miscellaneous accessories	Code no.
Electronic soft start kit, MCI 25 C	7705007
Soft start kit with statoric resistors, prewired box, SCR03	7705001
Acoustic hood for scroll compressor S110-S120	7755010
Discharge thermostat kit	7750009

Spare parts	Code no.
Mounting kit for 1 scroll compressor including 4 grommets, 4 sleeves, 4 bolts, 4 washers	8156138
Oil sight glass with gaskets (black & white)	8156019
Gasket for oil sight glass (white teflon)	8156129
Service kit for terminal box 96 x 115 mm, including 1 cover, 1 clamp, 1 T block connector 52 x 57 mm, 1 cable gland	8156135
T block connector 2.1" x 2.3"	8173230

Mounting kit



1: Bolt (4x)
2: Lock washer (4x)
3: Flat washer (4x)
4: Sleeve (4x)
5: Grommet (4x)
6: Nut (4x)

Performance data at 50 Hz, ARI rating conditions

R407C

Cond. temp. in °F (tc)	Evaporating temperature in °F (to)								
	0	10	20	30	35	40	45	50	55
Cooling capacity in Btu/h									
90	43 460	56 693	72 515	91 294	101 907	113 395	125 805	139 183	153 593
100	40 488	53 295	68 526	86 546	96 718	107 725	119 614	132 429	146 236
110	-	49 542	64 102	81 287	90 980	101 467	112 796	125 011	138 177
120	-	45 484	59 297	75 570	84 745	94 675	105 406	116 984	129 471
130	-	-	54 164	69 449	78 070	87 405	97 501	108 405	120 179
140	-	-	-	62 983	71 013	79 718	89 145	99 341	110 367
150	-	-	-	-	-	71 685	80 411	89 868	100 117
Power input in W									
90	5 349	5 410	5 448	5 459	5 454	5 441	5 420	5 390	5 352
100	6 091	6 150	6 181	6 180	6 167	6 145	6 114	6 073	6 022
110	-	6 987	7 020	7 016	7 000	6 974	6 937	6 889	6 830
120	-	7 930	7 973	7 976	7 961	7 935	7 896	7 846	7 784
130	-	-	9 051	9 069	9 060	9 038	9 003	8 955	8 893
140	-	-	-	10 305	10 306	10 293	10 266	10 225	10 168
150	-	-	-	-	-	11 710	11 695	11 665	11 618
Current consumption in A									
90	12.34	12.42	12.47	12.48	12.47	12.44	12.39	12.33	12.24
100	13.11	13.19	13.24	13.24	13.22	13.19	13.14	13.07	12.98
110	-	14.13	14.17	14.17	14.15	14.11	14.06	13.98	13.89
120	-	15.26	15.31	15.31	15.28	15.24	15.18	15.11	15.00
130	-	-	16.67	16.67	16.64	16.60	16.54	16.46	16.36
140	-	-	-	18.28	18.26	18.22	18.16	18.08	17.97
150	-	-	-	-	-	20.12	20.06	19.98	19.87
Mass flow in lbs/h									
90	554	711	894	1 108	1 227	1 354	1 492	1 639	1 796
100	542	701	885	1 099	1 219	1 347	1 484	1 631	1 788
110	-	686	871	1 085	1 205	1 332	1 469	1 616	1 773
120	-	666	851	1 065	1 184	1 311	1 447	1 593	1 749
130	-	-	825	1 038	1 156	1 283	1 418	1 563	1 717
140	-	-	-	1 005	1 122	1 247	1 381	1 524	1 677
150	-	-	-	-	-	1 204	1 336	1 478	1 629
Energy Efficiency Ratio (E.E.R.)									
90	8.13	10.48	13.31	16.72	18.68	20.84	23.21	25.82	28.70
100	6.65	8.67	11.09	14.00	15.68	17.53	19.56	21.80	24.28
110	-	7.09	9.13	11.59	13.00	14.55	16.26	18.15	20.23
120	-	5.74	7.44	9.47	10.65	11.93	13.35	14.91	16.63
130	-	-	5.98	7.66	8.62	9.67	10.83	12.11	13.51
140	-	-	-	6.11	6.89	7.74	8.68	9.72	10.85
150	-	-	-	-	-	6.12	6.88	7.70	8.62

Nominal performance at to = 45 °F, tc = 130 °F

Cooling capacity	97 501	Btu/h	Current consumption	16.54	A
Power input	9 003	W	Mass flow	1 418	lbs/h
E.E.R.	10.83				

Pressure switch settings

Maximum HP switch setting	428	psi(g)
Minimum LP switch setting	7	psi(g)
LP pump down setting	15	psi(g)

T 0 : Evaporating temperature at dew point

T C : Condensing temperature at dew point

Rating conditions : Superheat = 20 °F , Subcooling = 15 °F

All performance data +/- 5%

Sound power data

Sound power level	77	dB(A)
With accoustic hood	69	dB(A)

Performance data at 50 Hz, ARI rating conditions

R134a

Cond. temp. in °F (tc)	Evaporating temperature in °F (to)								
	5	15	25	30	35	40	45	50	55
Cooling capacity in Btu/h									
90	33 222	43 315	55 430	62 316	69 791	77 882	86 619	96 028	106 138
100	31 196	40 970	52 676	59 324	66 539	74 348	82 779	91 861	101 622
110	29 046	38 444	49 685	56 067	62 993	70 492	78 590	87 317	96 700
120	26 776	35 741	46 462	52 549	59 159	66 318	74 056	82 399	91 376
130	-	32 866	43 009	48 774	55 039	61 832	69 181	77 112	85 655
140	-	-	39 332	44 747	50 639	57 037	63 968	71 460	79 541
150	-	-	-	40 471	45 963	51 938	58 423	65 447	73 038
Power input in W									
90	3 785	3 815	3 835	3 841	3 843	3 841	3 835	3 824	3 807
100	4 259	4 289	4 310	4 316	4 318	4 316	4 310	4 299	4 283
110	4 803	4 834	4 855	4 861	4 863	4 862	4 856	4 845	4 829
120	5 424	5 455	5 477	5 483	5 486	5 484	5 479	5 468	5 453
130	-	6 161	6 183	6 189	6 192	6 191	6 185	6 175	6 160
140	-	-	6 979	6 985	6 989	6 988	6 983	6 973	6 958
150	-	-	-	7 879	7 882	7 882	7 877	7 867	7 853
Current consumption in A									
90	10.87	10.91	10.93	10.93	10.93	10.92	10.91	10.88	10.85
100	11.29	11.33	11.35	11.36	11.36	11.35	11.33	11.31	11.28
110	11.81	11.85	11.87	11.88	11.88	11.87	11.86	11.83	11.80
120	12.43	12.47	12.49	12.50	12.50	12.49	12.48	12.46	12.43
130	-	13.20	13.23	13.23	13.23	13.23	13.22	13.20	13.17
140	-	-	14.08	14.09	14.09	14.09	14.08	14.06	14.04
150	-	-	-	15.09	15.09	15.09	15.08	15.06	15.04
Mass flow in lbs/h									
90	467	595	745	829	919	1 016	1 119	1 229	1 347
100	460	590	742	826	917	1 014	1 118	1 229	1 347
110	451	582	735	821	912	1 009	1 114	1 225	1 343
120	440	572	726	812	903	1 001	1 106	1 217	1 335
130	-	559	713	799	891	988	1 093	1 204	1 322
140	-	-	697	782	873	971	1 075	1 186	1 304
150	-	-	-	760	851	948	1 052	1 162	1 280
Energy Efficiency Ratio (E.E.R.)									
90	8.78	11.35	14.45	16.22	18.16	20.28	22.59	25.11	27.88
100	7.33	9.55	12.22	13.75	15.41	17.22	19.21	21.37	23.73
110	6.05	7.95	10.23	11.53	12.95	14.50	16.18	18.02	20.02
120	4.94	6.55	8.48	9.58	10.78	12.09	13.52	15.07	16.76
130	-	5.33	6.96	7.88	8.89	9.99	11.18	12.49	13.91
140	-	-	5.64	6.41	7.25	8.16	9.16	10.25	11.43
150	-	-	-	5.14	5.83	6.59	7.42	8.32	9.30

Nominal performance at to = 45 °F, tc = 130 °F

Cooling capacity	69 181	Btu/h	Current consumption	13.22	A
Power input	6 185	W	Mass flow	1 093	lbs/h
E.E.R.	11.18				

Pressure switch settings

Maximum HP switch setting	297	psi(g)
Minimum LP switch setting	7	psi(g)
LP pump down setting	7	psi(g)

T 0 : Evaporating temperature at dew point

T C : Condensing temperature at dew point

Rating conditions : Superheat = 20 °F , Subcooling = 15 °F

All performance data +/- 5%

Sound power data

Sound power level	0	dB(A)
With accoustic hood	0	dB(A)

Performance data at 50 Hz, ARI rating conditions

R404A

Cond. temp. in °F (tc)	Evaporating temperature in °F (to)								
	0	10	20	25	30	35	40	45	50
Cooling capacity in Btu/h									
95	45 303	58 367	74 055	82 989	92 705	103 245	114 650	126 963	140 226
100	43 066	55 713	70 889	79 530	88 929	99 129	110 171	122 096	134 947
110	-	50 112	64 141	72 137	80 844	90 302	100 556	111 645	123 613
120	-	44 156	56 876	64 147	72 080	80 718	90 102	100 276	111 279
130	-	-	49 138	55 603	62 682	70 418	78 853	88 030	97 990
140	-	-	-	46 547	52 692	59 447	66 853	74 953	83 790
150	-	-	-	-	-	-	-	-	-
Power input in W									
95	6 945	6 921	6 858	6 815	6 767	6 715	6 661	6 607	6 553
100	7 374	7 356	7 297	7 255	7 207	7 155	7 100	7 044	6 987
110	-	8 306	8 254	8 215	8 167	8 114	8 057	7 997	7 936
120	-	9 375	9 332	9 295	9 248	9 195	9 135	9 072	9 006
130	-	-	10 548	10 512	10 467	10 413	10 352	10 286	10 215
140	-	-	-	11 885	11 841	11 787	11 725	11 655	11 581
150	-	-	-	-	-	-	-	-	-
Current consumption in A									
95	13.67	13.65	13.56	13.50	13.43	13.36	13.29	13.22	13.16
100	14.16	14.14	14.06	14.00	13.93	13.86	13.79	13.73	13.67
110	-	15.26	15.18	15.13	15.06	15.00	14.93	14.87	14.81
120	-	16.57	16.50	16.45	16.39	16.33	16.27	16.21	16.15
130	-	-	18.06	18.01	17.96	17.90	17.84	17.78	17.73
140	-	-	-	19.85	19.80	19.74	19.68	19.63	19.58
150	-	-	-	-	-	-	-	-	-
Mass flow in lbs/h									
95	922	1 155	1 425	1 575	1 737	1 910	2 096	2 294	2 506
100	912	1 146	1 416	1 566	1 728	1 901	2 087	2 285	2 497
110	-	1 121	1 390	1 540	1 701	1 874	2 059	2 256	2 467
120	-	1 087	1 354	1 502	1 662	1 833	2 016	2 212	2 421
130	-	-	1 307	1 453	1 610	1 779	1 960	2 153	2 360
140	-	-	-	1 393	1 547	1 712	1 889	2 079	2 282
150	-	-	-	-	-	-	-	-	-
Energy Efficiency Ratio (E.E.R.)									
95	6.52	8.43	10.80	12.18	13.70	15.37	17.21	19.22	21.40
100	5.84	7.57	9.71	10.96	12.34	13.85	15.52	17.33	19.31
110	-	6.03	7.77	8.78	9.90	11.13	12.48	13.96	15.58
120	-	4.71	6.09	6.90	7.79	8.78	9.86	11.05	12.36
130	-	-	4.66	5.29	5.99	6.76	7.62	8.56	9.59
140	-	-	-	3.92	4.45	5.04	5.70	6.43	7.24
150	-	-	-	-	-	-	-	-	-

Nominal performance at to = 20 °F, tc = 120 °F

Cooling capacity	56 876	Btu/h	Current consumption	16.50	A
Power input	9 332	W	Mass flow	1 354	lbs/h
E.E.R.	6.09				

Pressure switch settings

Maximum HP switch setting	471	psi(g)
Minimum LP switch setting	7	psi(g)
LP pump down setting	26	psi(g)

T 0 : Evaporating temperature at dew point

T C : Condensing temperature at dew point

Rating conditions : Superheat = 20 °F , Subcooling = 0 °F

All performance data +/- 5%

Sound power data

Sound power level	0	dB(A)
With accoustic hood	0	dB(A)

Performance data at 60 Hz, ARI rating conditions

R407C

Cond. temp. in °F (tc)	Evaporating temperature in °F (to)								
	0	10	20	30	35	40	45	50	55
Cooling capacity in Btu/h									
90	53 266	69 178	88 273	110 891	123 628	137 373	152 169	168 058	185 083
100	49 777	65 144	83 525	105 260	117 492	130 689	144 895	160 152	176 502
110	-	60 829	78 381	99 118	110 787	123 379	136 937	151 503	167 121
120	-	56 230	72 839	92 461	103 509	115 439	128 292	142 110	156 938
130	-	-	66 893	85 287	95 657	106 866	118 956	131 969	145 949
140	-	-	-	77 591	87 226	97 656	108 926	121 077	134 151
150	-	-	-	-	-	87 807	98 199	109 429	121 541
Power input in W									
90	6 399	6 500	6 578	6 622	6 629	6 625	6 607	6 576	6 530
100	7 231	7 332	7 409	7 453	7 460	7 456	7 438	7 407	7 360
110	-	8 290	8 367	8 411	8 418	8 413	8 395	8 364	8 317
120	-	9 392	9 468	9 512	9 519	9 514	9 496	9 464	9 417
130	-	-	10 730	10 773	10 779	10 774	10 756	10 723	10 676
140	-	-	-	12 210	12 216	12 211	12 192	12 160	12 112
150	-	-	-	-	-	13 841	13 822	13 789	13 741
Current consumption in A									
90	11.50	11.59	11.67	11.71	11.72	11.72	11.71	11.69	11.66
100	12.35	12.44	12.51	12.56	12.57	12.57	12.55	12.53	12.49
110	-	13.47	13.54	13.58	13.59	13.59	13.58	13.55	13.51
120	-	14.71	14.78	14.82	14.83	14.82	14.81	14.78	14.74
130	-	-	16.26	16.30	16.30	16.29	16.28	16.25	16.20
140	-	-	-	18.04	18.05	18.04	18.02	17.99	17.94
150	-	-	-	-	-	20.08	20.06	20.03	19.98
Mass flow in lbs/h									
90	672	856	1 072	1 322	1 461	1 610	1 770	1 940	2 121
100	660	847	1 064	1 316	1 456	1 606	1 766	1 937	2 119
110	-	834	1 053	1 306	1 447	1 597	1 757	1 928	2 110
120	-	819	1 038	1 291	1 431	1 581	1 741	1 912	2 093
130	-	-	1 018	1 270	1 409	1 559	1 718	1 888	2 068
140	-	-	-	1 242	1 381	1 529	1 687	1 856	2 035
150	-	-	-	-	-	1 491	1 648	1 815	1 992
Energy Efficiency Ratio (E.E.R.)									
90	8.32	10.64	13.42	16.75	18.65	20.74	23.03	25.56	28.34
100	6.88	8.88	11.27	14.12	15.75	17.53	19.48	21.62	23.98
110	-	7.34	9.37	11.78	13.16	14.67	16.31	18.11	20.09
120	-	5.99	7.69	9.72	10.87	12.13	13.51	15.02	16.67
130	-	-	6.23	7.92	8.87	9.92	11.06	12.31	13.67
140	-	-	-	6.35	7.14	8.00	8.93	9.96	11.08
150	-	-	-	-	-	6.34	7.10	7.94	8.84

Nominal performance at to = 45 °F, tc = 130 °F

Cooling capacity	118 956	Btu/h	Current consumption	16.28	A
Power input	10 756	W	Mass flow	1 718	lbs/h
E.E.R.	11.06				

Pressure switch settings

Maximum HP switch setting	428	psi(g)
Minimum LP switch setting	7	psi(g)
LP pump down setting	15	psi(g)

T 0 : Evaporating temperature at dew point

T C : Condensing temperature at dew point

Rating conditions : Superheat = 20 °F , Subcooling = 15 °F

All performance data +/- 5%

Sound power data

Sound power level	81	dB(A)
With accoustic hood	73	dB(A)

Performance data at 60 Hz, ARI rating conditions

R134a

Cond. temp. in °F (tc)	Evaporating temperature in °F (to)								
	5	15	25	30	35	40	45	50	55
Cooling capacity in Btu/h									
90	41 682	53 777	68 191	76 344	85 167	94 692	104 948	115 966	127 776
100	39 211	50 947	64 902	72 788	81 319	90 526	100 440	111 091	122 509
110	36 620	47 934	61 367	68 954	77 161	86 020	95 560	105 812	116 805
120	33 923	44 753	57 600	64 857	72 709	81 187	90 321	100 142	110 681
130	-	41 417	53 616	60 510	67 976	76 042	84 739	94 098	104 148
140	-	-	49 428	55 929	62 976	70 598	78 827	87 692	97 223
150	-	-	-	51 128	57 724	64 871	72 599	80 939	89 920
Power input in W									
90	4 520	4 597	4 665	4 693	4 718	4 737	4 751	4 759	4 760
100	5 061	5 139	5 208	5 237	5 261	5 281	5 296	5 305	5 307
110	5 681	5 761	5 830	5 859	5 885	5 905	5 921	5 930	5 933
120	6 388	6 468	6 539	6 569	6 595	6 616	6 632	6 642	6 646
130	-	7 269	7 341	7 372	7 399	7 421	7 438	7 449	7 453
140	-	-	8 244	8 276	8 303	8 326	8 344	8 356	8 362
150	-	-	-	9 288	9 316	9 340	9 359	9 372	9 378
Current consumption in A									
90	9.93	9.98	10.01	10.02	10.03	10.03	10.03	10.02	10.01
100	10.34	10.39	10.43	10.45	10.46	10.47	10.47	10.47	10.46
110	10.86	10.92	10.97	10.99	11.01	11.02	11.03	11.03	11.02
120	11.52	11.58	11.64	11.66	11.68	11.70	11.71	11.72	11.72
130	-	12.38	12.45	12.48	12.50	12.53	12.54	12.56	12.57
140	-	-	13.42	13.45	13.48	13.51	13.54	13.56	13.57
150	-	-	-	14.60	14.64	14.67	14.70	14.73	14.75
Mass flow in lbs/h									
90	586	739	917	1 016	1 122	1 235	1 356	1 484	1 621
100	578	734	914	1 014	1 121	1 235	1 357	1 486	1 624
110	568	726	908	1 009	1 117	1 232	1 354	1 484	1 622
120	557	717	900	1 002	1 110	1 225	1 348	1 479	1 617
130	-	705	889	991	1 100	1 216	1 339	1 469	1 608
140	-	-	876	978	1 086	1 202	1 325	1 456	1 594
150	-	-	-	960	1 069	1 185	1 307	1 438	1 576
Energy Efficiency Ratio (E.E.R.)									
90	9.22	11.70	14.62	16.27	18.05	19.99	22.09	24.37	26.84
100	7.75	9.91	12.46	13.90	15.46	17.14	18.97	20.94	23.08
110	6.45	8.32	10.53	11.77	13.11	14.57	16.14	17.84	19.69
120	5.31	6.92	8.81	9.87	11.03	12.27	13.62	15.08	16.65
130	-	5.70	7.30	8.21	9.19	10.25	11.39	12.63	13.97
140	-	-	6.00	6.76	7.58	8.48	9.45	10.49	11.63
150	-	-	-	5.50	6.20	6.95	7.76	8.64	9.59

Nominal performance at to = 45 °F, tc = 130 °F

Cooling capacity	84 739	Btu/h	Current consumption	12.54	A
Power input	7 438	W	Mass flow	1 339	lbs/h
E.E.R.	11.39				

Pressure switch settings

Maximum HP switch setting	297	psi(g)
Minimum LP switch setting	7	psi(g)
LP pump down setting	7	psi(g)

T 0 : Evaporating temperature at dew point

T C : Condensing temperature at dew point

Rating conditions : Superheat = 20 °F , Subcooling = 15 °F

All performance data +/- 5%

Sound power data

Sound power level	0	dB(A)
With accoustic hood	0	dB(A)

Performance data at 60 Hz, ARI rating conditions

R404A

Cond. temp. in °F (tc)	Evaporating temperature in °F (to)								
	0	10	20	25	30	35	40	45	50
Cooling capacity in Btu/h									
95	56 231	71 701	90 266	100 846	112 360	124 865	138 413	153 059	168 855
100	53 538	68 488	86 419	96 638	107 765	119 853	132 957	147 130	162 426
110	-	61 700	78 239	87 678	97 967	109 161	121 314	134 480	148 712
120	-	54 487	69 470	78 045	87 414	97 631	108 752	120 828	133 915
130	-	-	60 178	67 808	76 174	85 333	95 338	106 244	118 103
140	-	-	-	57 036	64 318	72 336	81 144	90 796	101 347
150	-	-	-	-	-	-	-	-	-
Power input in W									
95	8 331	8 311	8 282	8 265	8 247	8 229	8 213	8 197	8 184
100	8 825	8 806	8 776	8 758	8 739	8 720	8 701	8 683	8 667
110	-	9 890	9 860	9 840	9 820	9 798	9 775	9 754	9 733
120	-	11 115	11 086	11 066	11 044	11 021	10 996	10 971	10 946
130	-	-	12 473	12 454	12 432	12 407	12 381	12 353	12 325
140	-	-	-	14 023	14 002	13 977	13 950	13 921	13 890
150	-	-	-	-	-	-	-	-	-
Current consumption in A									
95	13.27	13.27	13.23	13.21	13.18	13.16	13.13	13.11	13.10
100	13.75	13.76	13.73	13.71	13.68	13.66	13.63	13.61	13.60
110	-	14.95	14.94	14.92	14.89	14.86	14.84	14.81	14.79
120	-	16.41	16.40	16.38	16.36	16.33	16.30	16.27	16.24
130	-	-	18.11	18.09	18.07	18.04	18.00	17.97	17.93
140	-	-	-	20.04	20.01	19.98	19.94	19.90	19.86
150	-	-	-	-	-	-	-	-	-
Mass flow in lbs/h									
95	1 141	1 414	1 732	1 909	2 100	2 305	2 524	2 759	3 010
100	1 131	1 405	1 722	1 899	2 090	2 294	2 514	2 748	2 999
110	-	1 378	1 694	1 870	2 060	2 263	2 481	2 715	2 965
120	-	1 342	1 654	1 829	2 016	2 218	2 434	2 666	2 913
130	-	-	1 604	1 775	1 960	2 158	2 372	2 600	2 845
140	-	-	-	1 710	1 891	2 085	2 295	2 519	2 760
150	-	-	-	-	-	-	-	-	-
Energy Efficiency Ratio (E.E.R.)									
95	6.75	8.63	10.90	12.20	13.62	15.17	16.85	18.67	20.63
100	6.07	7.78	9.85	11.03	12.33	13.75	15.28	16.94	18.74
110	-	6.24	7.94	8.91	9.98	11.14	12.41	13.79	15.28
120	-	4.90	6.27	7.05	7.91	8.86	9.89	11.01	12.23
130	-	-	4.82	5.44	6.13	6.88	7.70	8.60	9.58
140	-	-	-	4.07	4.59	5.18	5.82	6.52	7.30
150	-	-	-	-	-	-	-	-	-

Nominal performance at to = 20 °F, tc = 120 °F

Cooling capacity	69 470	Btu/h	Current consumption	16.40	A
Power input	11 086	W	Mass flow	1 654	lbs/h
E.E.R.	6.27				

Pressure switch settings

Maximum HP switch setting	471	psi(g)
Minimum LP switch setting	7	psi(g)
LP pump down setting	26	psi(g)

T 0 : Evaporating temperature at dew point

T C : Condensing temperature at dew point

Rating conditions : Superheat = 20 °F , Subcooling = 0 °F

All performance data +/- 5%

Sound power data

Sound power level	0	dB(A)
With accoustic hood	0	dB(A)