RGP**S1A

SE Series

GAS ELECTRIC PACKAGED UNIT

13.4 SEER2
Capacity: 24 - 60 kBTU/h

FEATURES:

- Aluminized steel tubular heat exchanger
- Quiet multi-speed circulation blower
- Direct spark ignition
- Horizontal or down flow application
- Convenient access panels
- LP conversion kit provided
- AHRI Certified and ETL listed

This gas/electric package unit is not ultra low NOx compliant (<14 ng/J) and may not be installed within the SJVAPCD or SCAQMD air districts of California.

Limited Warranty

5 years on parts and 10 years on compressor and heat exchanger. Unit cost replacement if heat exchanger, condenser coil, evaporator coil (excludes cased coils), or compressor fails in the first year. With registration, 10 years on all parts and 20 years on heat exchanger.

(Limitations apply, see actual warranty for complete details.)

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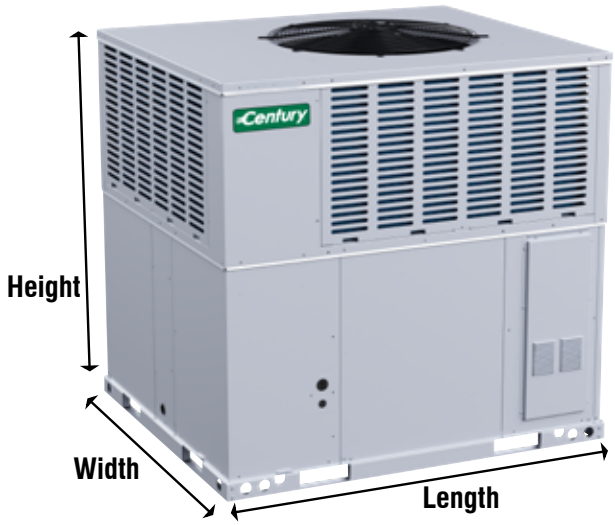
MODEL NUMBER GUIDE

R	G	P	24	60	S	1	A
Residential	Gas/Electric	Package Unit	Nominal Cooling Capacity BTUH x 1000	Heating Capacity BTUH x 1000	SE Series	Power 1 = 208/230-1-60	Revision Level

SPECIFICATIONS

	RGP2460S1A	RGP3060S1A	RGP3690S1A	RGP4290S1A	RGP4890S1A	RGP6090S1A	RGP60110S1A
Performance							
Cooling (BTU/h) (@ 95°F)	22,800	28,400	34,200	40,000	48,000	57,500	57,500
SEER2	13.4	13.4	13.4	13.4	13.4	13.4	13.4
EER2 (@ 95°F)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
Heating (BTU/h) Input	60,000	60,000	90,000	90,000	90,000	90,000	110,000
Heating (BTU/h) Output	48,000	48,000	72,000	72,000	72,000	72,000	88,000
AFUE	81	81	81	81	81	81	81
Temperature Rise Range (°F)	30-60	30-60	40-70	36-65	30-60	30-60	30-60
ELECTRICAL DATA							
Voltage / Phase (60 Hz)	208/230/1	208/230/1	208/230/1	208/230/1	208/230/1	208/230/1	208/230/1
Min. / Max. Voltage	187/253	187/253	187/253	187/253	187/253	187/253	187/253
MCA	19	21	23	28	31	37	37
MOP	25	30	35	40	50	60	60
COMPRESSOR							
Type	Rotary	Rotary	Rotary	Scroll	Rotary	Rotary	Scroll
Stage	Single	Single	Single	Single	Single	Single	Single
RLA	11.0	13.0	14.0	16.0	13.0	14.0	16.0
LRA	43.0	58.0	72.0	112.3	58.0	72.0	112.3
OUTDOOR FAN MOTOR							
Motor Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
Horsepower (HP)	1/12	1/6	1/6	1/3	1/3	1/3	1/3
Full Load Amps (FLA)	0.61	1.0	1.0	1.9	1.9	1.9	1.9
Rated RPM	900	850	850	1050	1050	1050	1050
INDOOR BLOWER MOTOR							
Motor Type	ECM	ECM	ECM	ECM	ECM	ECM	ECM
Horsepower (HP)	1/2	1/2	1/2	3/4	3/4	3/4	3/4
Full Load Amps (FLA)	4.2	4.2	4.2	5.7	5.7	5.7	5.7
Rated RPM	1050	1050	1050	1050	1050	1050	1050
REFRIGERATION SYSTEM							
Refrigerant Control	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice
Refrigerant Charge (lbs. - oz.)	2 - 15.6	3 - 4.9	3 - 4.9	4 - 6.5	4 - 8.3	4 - 10.1	4 - 10.1
Sound Power (dB)	79	79	79	80	80	80	80

Century®



DIMENSIONS

	RGP2460S1A	RGP3060S1A	RGP3690S1A	RGP4290S1A	RGP4890S1A	RGP6090S1A	RGP60110S1A
DIMENSIONS AND WEIGHTS							
Height (in.)	46-13/16	46-13/16	51-7/16	51-7/16	46-13/16	51-7/16	51-7/16
Width (in.)	35-1/16	35-1/16	46-13/16	46-13/16	35-1/16	46-13/16	46-13/16
Length (in.)	50-11/16	50-11/16	50-9/16	50-9/16	50-11/16	50-9/16	50-9/16
Net Weight (lbs.)	428	437	443	474	536	553	569

AIR FLOW DATA

Model Number	Motor Speed		External Static Pressure-Inches W.C.[kPa]										
			0[0]	0.1[.02]	0.2[.05]	0.3[.07]	0.4[.10]	0.5[.12]	0.6[.15]	0.7[.17]	0.8[.20]	0.7[.17]	0.8[.20]
24	Low (Tap1)	CFM	/	855	792	727	669	/	/	/	/	/	/
		Current/A	/	1.39	1.44	1.46	1.5	/	/	/	/	/	/
		Power/W	/	140	146	147	152	/	/	/	/	/	/
	Middle-1 (Tap2)	CFM	/	/	/	/	827	771	689	621	568	/	/
		Current/A	/	/	/	/	1.94	2	2.05	2.08	2.11	/	/
		Power/W	/	/	/	/	212	221	225	230	234	/	/
	Middle-2 (Tap3)	CFM	/	/	/	/	/	/	/	846	774	710	660
		Current/A	/	/	/	/	/	/	/	2.72	2.73	2.82	2.86
		Power/W	/	/	/	/	/	/	/	317	312	330	335
	Middle-3 (Tap4)	CFM	/	/	/	/	/	/	/	/	/	844	797
		Current/A	/	/	/	/	/	/	/	/	/	3.24	3.28
		Power/W	/	/	/	/	/	/	/	/	/	385	391
30	Low (Tap1)	CFM	917	855	792	/	/	/	/	/	/	/	/
		Current/A	1.37	1.39	1.44	/	/	/	/	/	/	/	/
		Power/W	137	140	146	/	/	/	/	/	/	/	/
	Middle-1 (Tap2)	CFM	1051	997	940	885	827	771	/	/	/	/	/
		Current/A	1.78	1.81	1.86	1.88	1.94	2	/	/	/	/	/
		Power/W	191	196	201	201	212	221	/	/	/	/	/
	Middle-2 (Tap3)	CFM	/	/	/	1049	995	947	898	846	774	710	/
		Current/A	/	/	/	2.51	2.57	2.6	2.67	2.72	2.73	2.82	/
		Power/W	/	/	/	288	297	299	311	317	312	330	/
	Middle-3 (Tap4)	CFM	/	/	/	/	/	1045	997	951	908	844	797
		Current/A	/	/	/	/	/	3.03	3.04	3.13	3.18	3.24	3.28
		Power/W	/	/	/	/	/	359	354	371	378	385	391
	High (Tap5)	CFM	/	/	/	/	/	/	/	/	/	1032	991
		Current/A	/	/	/	/	/	/	/	/	/	4.03	3.98
		Power/W	/	/	/	/	/	/	/	/	/	495	482
36	Low (Tap1)	CFM	917	855	/	/	/	/	/	/	/	/	/
		Current/A	1.37	1.39	/	/	/	/	/	/	/	/	/
		Power/W	137	140	/	/	/	/	/	/	/	/	/
	Middle-1 (Tap2)	CFM	1051	997	940	885	/	/	/	/	/	/	/
		Current/A	1.78	1.81	1.86	1.88	/	/	/	/	/	/	/
		Power/W	191	196	201	201	/	/	/	/	/	/	/
	Middle-2 (Tap3)	CFM	1204	1153	1100	1049	995	947	898	/	/	/	/
		Current/A	2.4	2.45	2.44	2.51	2.57	2.6	2.67	/	/	/	/
		Power/W	275	282	276	288	297	299	311	/	/	/	/
	Middle-3 (Tap4)	CFM	1281	1240	1190	1142	1092	1045	997	951	908	/	/
		Current/A	2.82	2.84	2.85	2.96	3	3.03	3.04	3.13	3.18	/	/
		Power/W	331	333	330	350	357	359	354	371	378	/	/
	High (Tap5)	CFM	/	/	/	/	1280	1244	1194	1140	1083	1032	991
		Current/A	/	/	/	/	3.95	4.08	4.07	4	4.06	4.03	3.98
		Power/W	/	/	/	/	481	507	504	486	502	495	482

AIR FLOW DATA CONT.

Model Number	Motor Speed		External Static Pressure-Inches W.C.[kPa]										
			0[0]	0.1[.02]	0.2[.05]	0.3[.07]	0.4[.10]	0.5[.12]	0.6[.15]	0.7[.17]	0.8[.20]	0.7[.17]	0.8[.20]
42	Middle-1 (Tap2)	CFM	1153	1102	1056	/	/	/	/	/	/	/	/
		Current/A	2.09	2.13	2.18	/	/	/	/	/	/	/	/
		Power/W	227	233	239	/	/	/	/	/	/	/	/
	Middle-2 (Tap3)	CFM	1426	1388	1343	1306	1267	1229	1192	1156	1093	/	/
		Current/A	3.49	3.53	3.55	3.66	3.71	3.77	3.84	3.88	3.92	/	/
		Power/W	416	422	418	438	445	453	463	468	473	/	/
	Middle-3 (Tap4)	CFM	/	/	/	/	1472	1428	1392	1354	1309	/	/
		Current/A	/	/	/	/	5.08	5.06	5.09	5.13	5.12	/	/
		Power/W	/	/	/	/	634	629	633	639	638	/	/
	High (Tap5)	CFM	/	/	/	/	/	1500	1460	1398	1321	/	/
		Current/A	/	/	/	/	/	5.65	5.61	5.41	5.19	/	/
		Power/W	/	/	/	/	/	710	700	670	640	/	/
48	Middle-1 (Tap2)	CFM	1251	/	/	/	/	/	/	/	/	/	/
		Current/A	1.67	/	/	/	/	/	/	/	/	/	/
		Power/W	192	/	/	/	/	/	/	/	/	/	/
	Middle-2 (Tap3)	CFM	1547	1473	1424	1374	1323	1267	1213	/	/	/	/
		Current/A	2.8	2.87	2.95	3.04	3.12	3.21	3.3	/	/	/	/
		Power/W	340	350	360	371	382	394	407	/	/	/	/
	Middle-3 (Tap4)	CFM	1789	1741	1695	1649	1605	1559	1510	1460	1409	1359	1313
		Current/A	4.11	4.19	4.28	4.36	4.45	4.54	4.64	4.74	4.83	4.92	5
		Power/W	517	528	540	551	564	576	589	603	615	627	639
	High (Tap5)	CFM	/	/	/	/	/	1755	1696	1630	1563	1490	1438
		Current/A	/	/	/	/	/	5.79	5.76	5.73	5.71	5.68	5.66
		Power/W	/	/	/	/	/	750	745	741	737	733	730
60	Middle-2 (Tap3)	CFM	1547	1473	/	/	/	/	/	/	/	/	/
		Current/A	2.8	2.87	/	/	/	/	/	/	/	/	/
		Power/W	340	350	/	/	/	/	/	/	/	/	/
	Middle-3 (Tap4)	CFM	1789	1741	1695	1649	1605	1559	1510	1460	/	/	/
		Current/A	4.11	4.19	4.28	4.36	4.45	4.54	4.64	4.74	/	/	/
		Power/W	517	528	540	551	564	576	589	603	/	/	/
	High (Tap5)	CFM	2035	1976	1927	1875	1815	1755	1696	1630	1563	1490	1438
		Current/A	5.66	5.74	5.81	5.85	5.82	5.79	5.76	5.73	5.71	5.68	5.66
		Power/W	733	744	754	758	754	750	745	741	737	733	730

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

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