

FEATURES

- Quiet horizontal discharge
- Compatible with side and bottom air discharge
- Direct spark ignition
- Powder-coated galvanized steel cabinet
- Electric heat kit available as a field-installed option
- High-efficiency compressors operate smoothly quietly, and consistently
- Internal safeguards protect the compressor against high and low pressure, and coil temperature
- Aluminum tube/aluminum fin coil
- High-efficiency ECM blower motor
- AHRI Certified and ETL listed
- Compliant with UL-60335 certification
- Horizontal or down flow application
- LP conversion kit provided
- Microchannel condenser, higher heat exchange efficiency with less flammable refrigerant charge
- Convenient access panels; slide out design for blower motor
- Uses more environmentally friendly R454B refrigerant
- Full DC variable speed condenser motor, more efficient, smarter, and quieter

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

SRGP SERIES

GAS ELECTRIC PACKAGED UNIT

13.4 SEER2

Capacity: 24 - 60 kBTU/h



Warranty—5 years on parts and 10 years on compressor and heat exchanger.
(Limitations apply, see actual warranty for complete details.)
visit www.century-hvac.com



MODEL NUMBER GUIDE

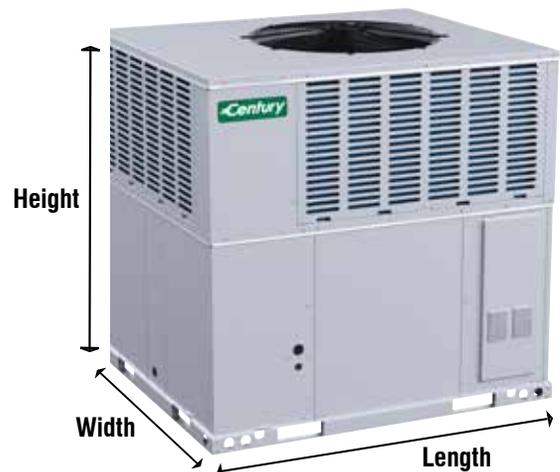
S	R	G	P	24	60	S	1	A
SE Series	Residential	Gas/Electric	Package Unit	Cooling Capacity BTUH x 1000	Heating Capacity BTUH x 1000	Standard Efficiency	Power 1=208/230-1-60	Revision Level

SPECIFICATIONS

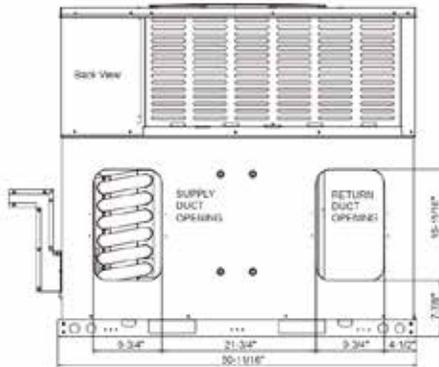
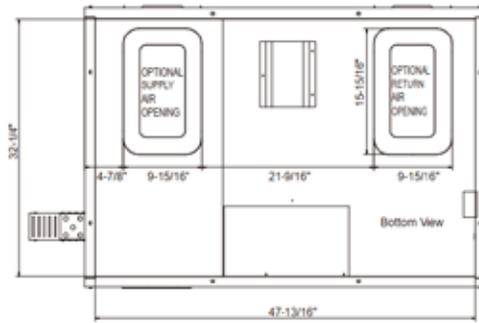
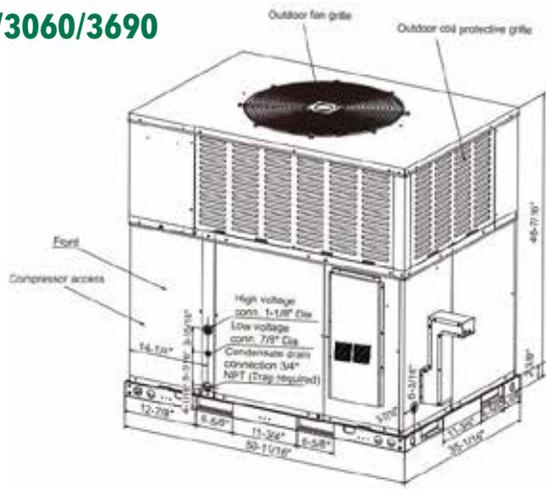
	SRGP2460S1A	SRGP3060S1A	SRGP3690S1A	SRGP4290S1A	SRGP4890S1A	SRGP6090S1A	SRGP60110S1A
PERFORMANCE							
Cooling (BTU/h) (@ 95°F)	22,800	28,400	34,000	40,000	47,000	57,000	57,000
SEER2	13.4	13.4	13.4	13.4	13.4	13.4	13.4
EER2 (@ 95°F)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
Heating (BTU/h) Input	60,000	60,000	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
Number of Burners	5	5	7	6	6	6	7
Gas Connection Pipe Size (in)	1/2 NPT						
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	18.8	21.5	25.2	29.9	36.4	41.4	41.4
MOP	25	30	40	45	50	60	60
COMPRESSOR							
Type	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll
Stage	Single						
RLA	11.0	13.0	16.0	19	23	27	27
LRA	55	55	72	86	98	125	125
OUTDOOR FAN MOTOR							
Motor Type	PSC						
Capacitor(uF)	6	6	6	15	15	15	15
Horsepower (HP)	1/12	1/6	1/6	1/3	1/3	1/3	1/3
Full Load Amps (FLA)	0.8	1.0	1.0	1.9	1.9	1.9	1.9
Rated RPM	2,144	2,909	2,909	5,223	5,223	5,223	5,223
INDOOR BLOWER MOTOR							
Motor Type	ECM						
Horsepower (HP)	1/2	1/2	1/2	1/2	3/4	3/4	3/4
Full Load Amps (FLA)	4.2	4.2	4.2	4.2	5.7	5.7	5.7
Rated Airflow (CFM at 0.58in H ₂ O)	800	930	1050	1400	1700	1800	1800
REFRIGERATION SYSTEM							
Refrigerant Control	Piston						
Refrigerant Charge (lbs. - oz.)	2 - 10	2 - 12	2 - 14	3 - 12	3 - 12	3 - 12	3 - 12
Sound Power (dB)	79	79	79	80	80	80	80

DIMENSIONS AND WEIGHTS

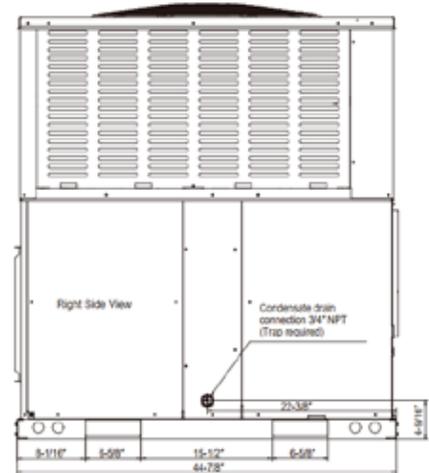
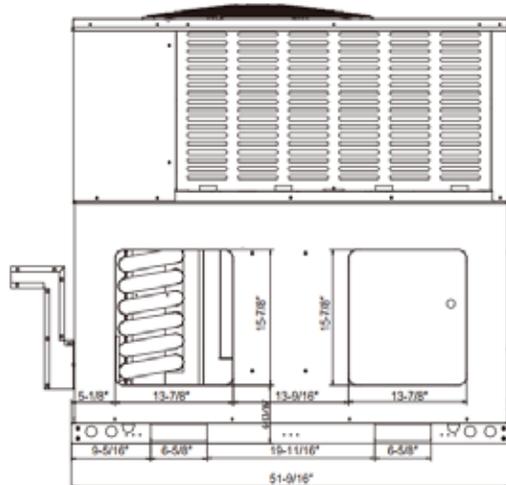
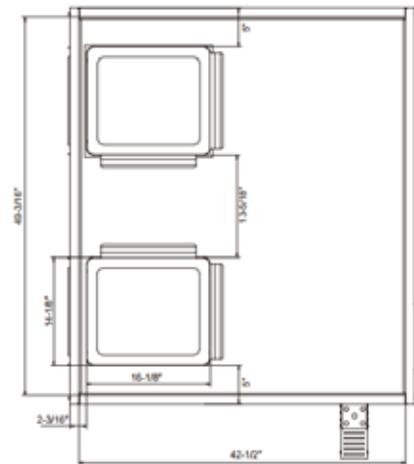
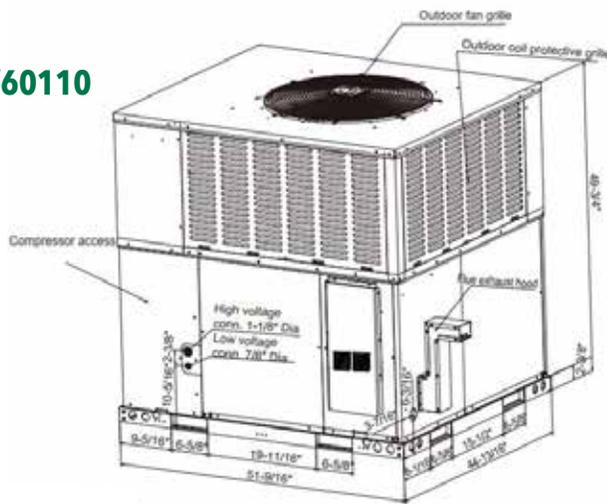
	Height (in)	Width (in)	Length (in)	Net Weight (lbs)
SRGP2460S1A	35-1/16	50-11/16	46-7/16	422
SRGP3060S1A	35-1/16	50-11/16	46-7/16	432
SRGP3690S1A	35-1/16	50-11/16	46-7/16	444
SRGP4290S1A	44-13/16	51-9/16	49-3/4	539
SRGP4890S1A	44-13/16	51-9/16	49-3/4	560
SRGP6090S1A	44-13/16	51-9/16	49-3/4	557
SRGP60110S1A	44-13/16	51-9/16	49-3/4	562



2460/3060/3690



4290/4890/6090/60110



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]	0.9[.23]	1.0[.25]		
24	Low (Tap1)	SCFM	/	859	785	694	625	/	/	/	/	/	/	/	/
		Current/A	/	1.24	1.27	1.32	1.35	/	/	/	/	/	/	/	/
		Power/W	/	134	138	144	149	/	/	/	/	/	/	/	/
	Middle-1 (Tap2)	SCFM	/	/	/	/	887	806	753	695	646	/	/	/	/
		Current/A	/	/	/	/	2.02	2.07	2.12	2.13	2.17	/	/	/	/
		Power/W	/	/	/	/	234	241	246	244	249	/	/	/	/
	Middle-2 (Tap3)	SCFM	/	/	/	/	/	/	/	869	816	769	723	/	/
		Current/A	/	/	/	/	/	/	/	2.80	2.84	2.88	2.92	/	/
		Power/W	/	/	/	/	/	/	/	335	341	346	351	/	/
	Middle-3 (Tap4)	SCFM	/	/	/	/	/	/	/	/	/	882	836	/	/
		Current/A	/	/	/	/	/	/	/	/	/	3.38	3.43	/	/
		Power/W	/	/	/	/	/	/	/	/	/	412	418	/	/
High (Tap5)	SCFM	/	/	/	/	/	/	/	/	/	/	884.6	/	/	
	Current/A	/	/	/	/	/	/	/	/	/	/	3.67	/	/	
	Power/W	/	/	/	/	/	/	/	/	/	/	445	/	/	
30	Low (Tap1)	CFM	927	859	785	/	/	/	/	/	/	/	/	/	
		Current/A	1.20	1.24	1.27	/	/	/	/	/	/	/	/	/	
		Power/W	129	134	138	/	/	/	/	/	/	/	/	/	
	Middle-1 (Tap2)	CFM	/	1066	1001	945	887	806	753	/	/	/	/	/	
		Current/A	/	1.90	1.94	1.98	2.02	2.07	2.12	/	/	/	/	/	
		Power/W	/	218	224	228	234	241	246	/	/	/	/	/	
	Middle-2 (Tap3)	CFM	/	/	/	1105	1051	998	925	869	816	769	/	/	
		Current/A	/	/	/	2.61	2.65	2.70	2.75	2.80	2.84	2.88	/	/	
		Power/W	/	/	/	310	316	322	329	335	341	346	/	/	
	Middle-3 (Tap4)	CFM	/	/	/	/	1109	1056	986	933	882	836	/	/	
		Current/A	/	/	/	/	3.19	3.23	3.29	3.34	3.38	3.43	/	/	
		Power/W	/	/	/	/	387	393	400	407	412	418	/	/	
High (Tap5)	CFM	/	/	/	/	/	/	1064	990	934	885	/	/		
	Current/A	/	/	/	/	/	/	3.63	3.67	3.65	3.67	/	/		
	Power/W	/	/	/	/	/	/	444	455	443	445	/	/		
36	Low (Tap1)	CFM	927	/	/	/	/	/	/	/	/	/	/		
		Current/A	1.2	/	/	/	/	/	/	/	/	/	/		
		Power/W	129	/	/	/	/	/	/	/	/	/	/		
	Middle-1 (Tap2)	CFM	1127	1066	1001	945	/	/	/	/	/	/	/		
		Current/A	1.87	1.90	1.94	1.98	/	/	/	/	/	/	/		
		Power/W	213	218	224	228	/	/	/	/	/	/	/		
	Middle-2 (Tap3)	CFM	1265	1217	1162	1105	1051	998	925	/	/	/	/		
		Current/A	2.47	2.52	2.57	2.61	2.65	2.70	2.75	/	/	/	/		
		Power/W	292	299	305	310	316	322	329	/	/	/	/		
	Middle-3 (Tap4)	CFM	/	1314	1263	1213	1159	1109	1056	986	933	/	/		
		Current/A	/	3.01	3.06	3.10	3.14	3.19	3.23	3.29	3.34	/	/		
		Power/W	/	363	369	375	381	387	393	400	407	/	/		
High (Tap5)	CFM	/	1347	1305	1283	1256	1196	1144	1064	990	934	/			
	Current/A	/	3.68	3.67	3.66	3.66	3.66	3.66	3.63	3.67	3.65	/			
	Power/W	/	452	451	450	449	448	449	444	444	455	443			
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		

"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."

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice