

PRGE14

PRODUCT SPECIFICATIONS

14 SEER GAS ELECTRIC
PACKAGED UNIT

FORM NO. PRGE14-100 (08/2015)

REFRIGERANT SYSTEM

- Environmentally friendly R410A refrigerant
- Copper tubing with enhanced fin coils
- Internal service gauge ports

HEAT EXCHANGER

- L models comply with California Energy Commission Low NOx regulations
- Aluminized Tri-Dimple tubular heat exchanger for increased efficiency
- Pest protected flue outlet

CABINET CONSTRUCTION

- Rounded corners for safety and an attractive, clean appearance
- One piece base design for strength and stability
- Drain ports for condensate management and coil runoff
- Low profile, with compact footprint
- Insulation to minimize heat loss plus reduce sound
- Textured pre-painted steel cabinet finish
- Superior service access to componets
- One piece “no leak” top design

BLOWER

- Insulated compartment to reduce sound
- Efficient multispeed motor for wide airflow range
- Slide out blower housing for easy service

CONTROLS

- Solid state integrated blower control board with L.E.D. self diagnostics
- Direct spark ignition
- Color coded wiring for easy service

INSTALLATION

- Horizontal or down discharge capable
- Utility connections on “right side”
- Tabbed duct flanges for simple duct connection

ACCESSORIES

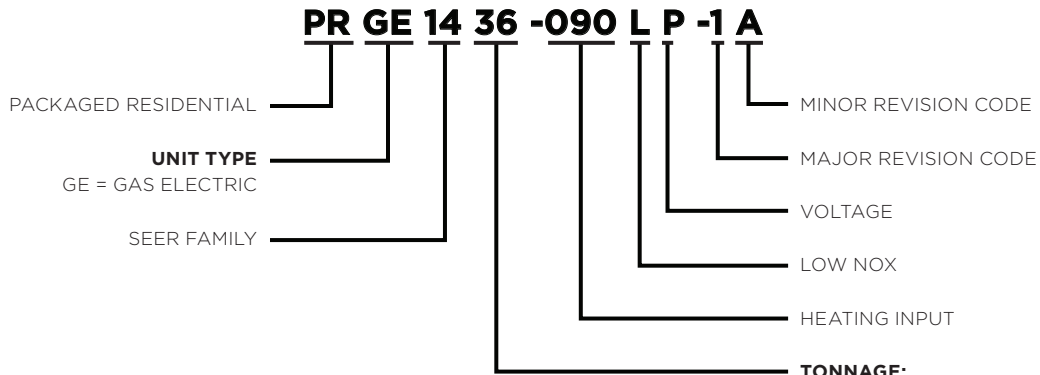
- Hinged roofcurb
- Lifting brackets
- LP Gas Conversion
- Internal Filter Kits

WARRANTY

10 year limited parts and compressor warranty/lifetime heat exchanger warranty available. See limited warranty document for details.



MODEL NUMBER GUIDE



ELECTRICAL AND PHYSICAL DATA

24, 30, 36, 42, 48, 60

Model	Voltage	Phase	Hz	Min Volts @ 60 Hz	MCA	Max Fuse/HACR Breaker	Compressor		Condenser Motor		Blower Motor		Refrig. Charge (oz.)	Weight (lbs.)	
							RLA	LRA	RLA	HP	RLA	HP			
PRGE1424-054(L)P	208-230	1	60	197	16.7	25	11.2	60.8	1.0	1/6	1.7	1/4	70	334	
PRGE1424-072(L)P							340								
PRGE1430-054(L)P					18.7	30	12.8	64	1.0	1/6	2	1/3	79	77	346
PRGE1430-072(L)P							352								
PRGE1436-054(L)P					20.6	30	14.1	72.2	1.0	1/6	2	1/3	79	77	359
PRGE1436-072(L)P															365
PRGE1436-090(L)P					24.4	40	15.9	85	1.7	1/4	2.8	1/3	84	84	371
PRGE1442-072(L)P															432
PRGE1442-090(L)P					26.9	40	17.9	96	1.7	1/4	2.8	1/2	82	82	438
PRGE1448-108(L)P															448
PRGE1448-126(L)P					38.9	60	23.7	152.5	1.7	1/4	7.6	1.0	125	125	454
PRGE1460-108(L)P															485
PRGE1460-126(L)P					491										

PERFORMANCE

MODEL	COOLING					HEATING				Sound dBA
	Rated AHRI Capacity Btuh	SEER	EER	Rated Sensible Capacity Btuh	CFM	Input BTUH	Output BTUH	Efficiency AFUE	Temp Rise Range F	
PRGE1424-054(L)P	22,600	14.0	11.0	16,500	800	54,000	43,800	81%	30-60	78
PRGE1424-072(L)P						72,000	58,400		40-70	
PRGE1430-054(L)P	28,400			20,700	1000	54,000	43,800		30-60	
PRGE1430-072(L)P						72,000	58,400		40-70	
PRGE1436-054(L)P	34,000			25,800	1200	54,000	43,800		30-60	
PRGE1436-072(L)P						72,000	58,400		35-65	
PRGE1436-090(L)P	40,000			30,000	1400	90,000	72,900		40-70	
PRGE1442-072(L)P						72,000	58,400		30-60	
PRGE1442-090(L)P	46,000			35,000	1600	108,000	87,500		40-70	
PRGE1448-108(L)P						126,000	102,100		45-75	
PRGE1460-108(L)P	57,000			41,600	1800	108,000	87,500		40-70	
PRGE1460-126(L)P						126,000	102,100		45-75	

*Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

BLOWER PERFORMANCE

Model	Blower Tap	CFM @ ext. Static Pressure in in. wc without filter, dry coil							
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
PRGE1424 PRGE1430	2	1350	1310	1270	1210	1140	1080	1020	950
	3	1110	1080	1050	1000	970	920	870	800
	4	970	950	920	890	850	820	770	710
	5	840	820	800	770	750	720	680	620
PRGE1436	2	1460	1380	1280	1190	1100	990	880	760
	3	1350	1280	1200	1130	1060	950	870	750
	4	1080	1030	960	900	830	750	700	650
PRGE1442	2	1790	1740	1670	1590	1510	1410	1310	1210
	3	1500	1470	1430	1370	1310	1240	1140	1010
	4	1070	1050	1010	980	920	870	820	690
PRGE1448	2	1970	1890	1790	1690	1600	1510	1400	1280
	3	1730	1690	1600	1540	1450	1360	1270	1150
	4	1520	1480	1430	1370	1310	1230	1140	1050
PRGE1460*	1	2240	2200	2140	2100	2060	2020	1980	1950
	2	1920	1870	1820	1770	1720	1670	1450	1360
	3	1400	1320	1260	1200	1120	1060	980	900

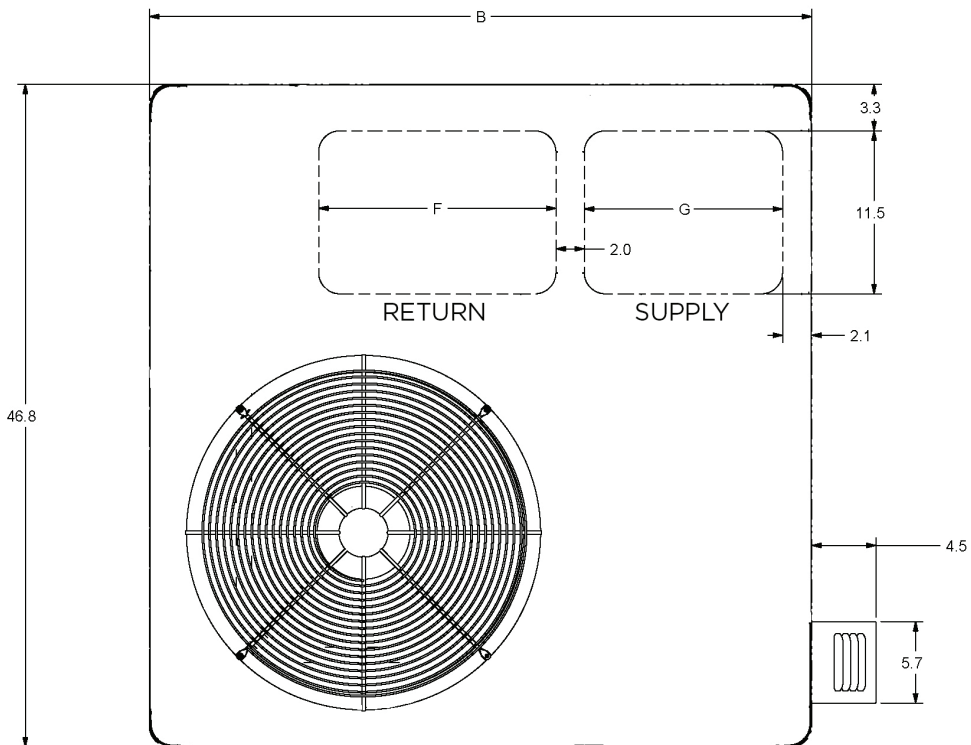
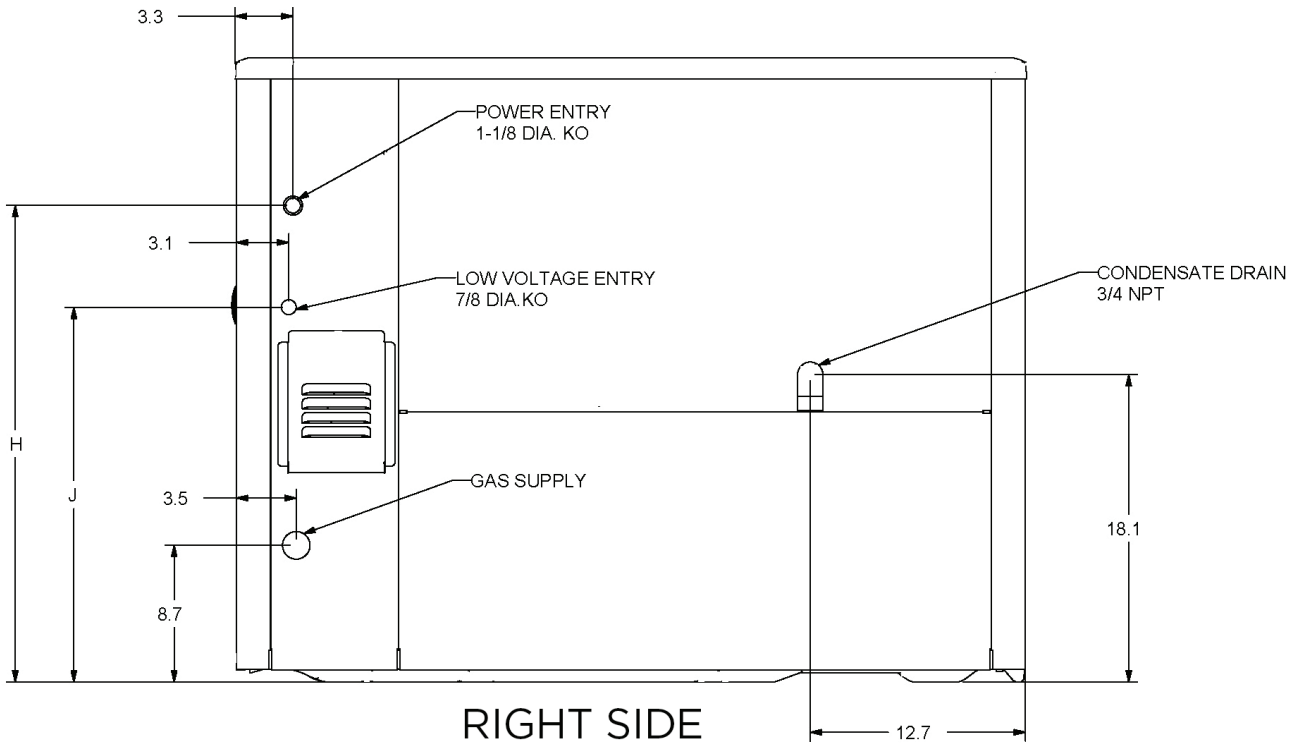
* TAPs 4 & 5 are for Furnace mid point rise.

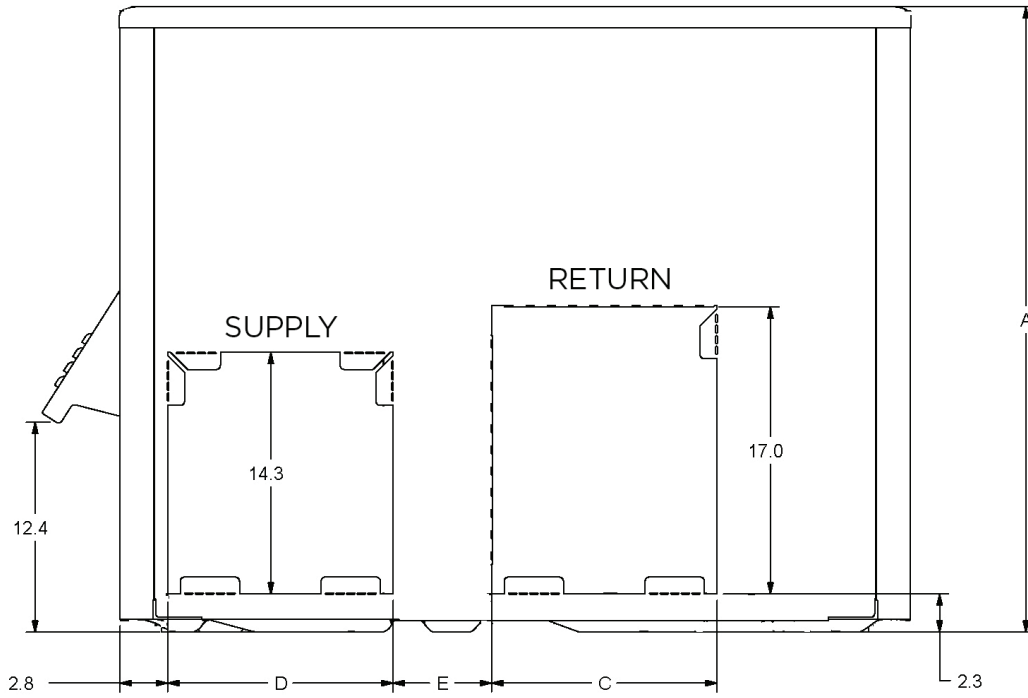
COOLING PERFORMANCE - EXTENDED RATINGS

Outdoor Model	Indoor Temp DB/ WB °F	Outdoor Temperature - DB °F														
		65°			82°			95°			105°			115°		
		Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW
PRGE1424	85/72	31,700	0.62	1.45	29,100	0.63	1.73	27,100	0.64	1.95	25,000	0.71	2.13	22,900	0.78	2.31
	80/67	28,600	0.68	1.45	25,700	0.71	1.72	23,600	0.73	1.98	22,200	0.78	2.15	20,900	0.84	2.33
	75/63	26,100	0.70	1.46	24,000	0.72	1.75	22,300	0.75	1.96	20,800	0.81	2.15	19,400	0.87	2.34
	75/57	22,400	1.00	1.46	20,800	1.00	1.75	19,600	1.00	1.98	19,100	1.00	2.16	18,700	1.00	2.35
PRGE1430	85/72	36,800	0.64	1.80	34,200	0.65	2.11	32,200	0.66	2.35	29,800	0.72	2.61	27,300	0.77	2.87
	80/67	33,100	0.72	1.78	31,400	0.72	2.07	28,900	0.73	2.34	26,900	0.78	2.60	24,800	0.84	2.87
	75/63	30,000	0.76	1.78	28,200	0.75	2.09	26,800	0.75	2.34	25,100	0.81	2.61	23,300	0.88	2.88
	75/57	27,500	1.00	1.79	25,000	1.00	2.11	23,200	1.00	2.35	22,900	1.00	2.61	22,600	1.00	2.87
PRGE1436	85/72	45,000	0.68	2.20	41,300	0.67	2.58	38,400	0.67	2.87	36,100	0.71	3.19	33,700	0.76	3.50
	80/67	41,200	0.73	2.20	37,400	0.73	2.53	34,500	0.76	2.86	32,800	0.79	3.18	31,100	0.82	3.50
	75/63	38,500	0.75	2.19	35,300	0.78	2.58	32,900	0.80	2.87	31,000	0.83	3.18	29,100	0.85	3.49
	75/57	35,500	1.00	2.19	33,000	1.00	2.57	31,000	1.00	2.87	29,500	1.00	3.18	27,900	1.00	3.49
PRGE1442	85/72	53,600	0.63	2.66	50,200	0.65	3.14	47,600	0.67	3.51	43,600	0.73	3.84	39,500	0.79	4.18
	80/67	50,200	0.69	2.65	46,000	0.73	3.08	42,700	0.75	3.50	39,500	0.81	3.84	36,300	0.87	4.19
	75/63	47,200	0.73	2.64	42,800	0.76	3.10	39,500	0.79	3.45	36,600	0.84	3.82	33,800	0.89	4.20
	75/57	42,800	1.00	2.63	38,500	1.00	3.09	35,300	1.00	3.44	34,000	1.00	3.82	32,700	1.00	4.20
PRGE1448	85/72	64,900	0.63	3.15	58,200	0.66	3.63	53,100	0.69	3.99	48,600	0.74	4.38	44,100	0.78	4.76
	80/67	59,200	0.71	3.04	52,300	0.73	3.52	47,500	0.76	3.97	44,100	0.81	4.36	40,800	0.87	4.76
	75/63	53,200	0.74	3.02	47,400	0.78	3.51	42,900	0.81	3.89	40,500	0.85	4.32	38,000	0.89	4.75
	75/57	46,500	1.00	2.99	42,100	1.00	3.49	38,700	1.00	3.87	37,800	1.00	4.31	36,800	1.00	4.75
PRGE1460	85/72	70,300	0.63	3.50	66,100	0.64	4.19	62,800	0.65	4.72	59,100	0.70	5.27	55,500	0.76	5.82
	80/67	65,700	0.69	3.47	61,000	0.71	4.08	57,400	0.73	4.69	54,300	0.78	5.24	51,200	0.83	5.78
	75/63	61,400	0.72	3.45	56,300	0.74	4.12	52,300	0.76	4.63	50,200	0.80	5.19	48,000	0.85	5.75
	75/57	54,500	1.00	3.42	50,100	1.00	4.09	46,700	1.00	4.61	46,300	1.00	5.17	45,900	1.00	5.73

DIMENSIONS (IN.)

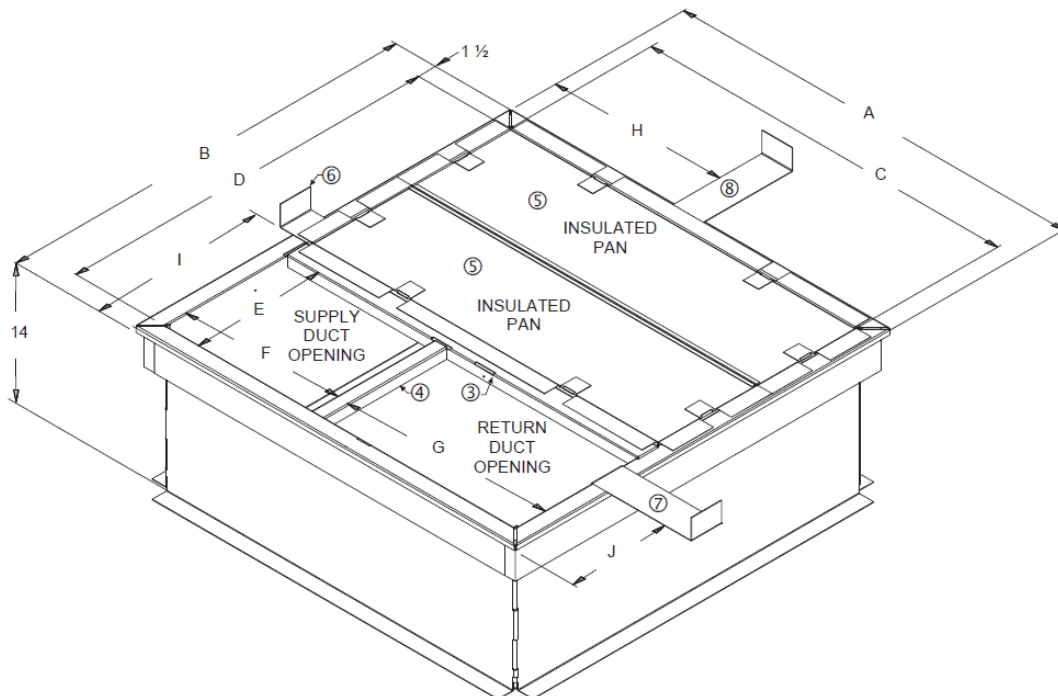
Model	A	B	C	D	E	F	G	H	J
PRPGE1424	36.82	46.77	13.33	13.31	5.86	16.75	14	28.14	22.14
PRPGE1430									
PRPGE1436									
PRPGE1442	40.88	55.27	18.14	18.14	4.67	19.75	19.5	32.14	26.14
PRPGE1448									
PRPGE1460									





ROOF CURB DIMENSIONS

UNIT#	MODEL#	A	B	C	D	E	F	G	H	I	J
LRP/PR/PRP 024-036	11U78	37 1/2	37	34 1/2	33 3/4	12	14 1/2	18 3/4	16 1/4	15 1/2	20
LRP/PR/PRP 042-060	11U79	45 1/2	36 1/4	42 3/8	33 1/16	12	20	21 3/16	21 1/16	15 1/2	20



ACCESSORIES

Description	Where Used	Kit Number
Compressor Crankcase Heater	All	11X27
Compressor Hard Start Kit	24, 30, 36,60	10J42
Compressor Hard Start Kit	42,48	88M91
Compressor Timed-Off Control	All	47J27
Down Flow Conversion - ACONVR836	24, 30, 36	1.851401
Down Flow Conversion - ACONVR837	42,48,60	1.851402
Drain pan overflow switch	All	11U75
Filter Rack Kit	24, 30, 36	11U73
Filter Rack Kit	42,48,60	11U74
Lifting Brackets	All	11U76
LPG/Propane Conversion Kit	All	11U77
Roof Curb	24, 30, 36	11U78
Roof Curb	42,48,60	11U79
Sideflow Rect. to 14" Rounds Duct Adapter (Qty 25 sets)	24, 30, 36	R104617-01
	42, 48, 60	R104618-01



1-800-448-5872

All specifications and illustrations subject to change without notice and without incurring obligations.