TECHNICAL SPECIFICATIONS

Mammoth®

R6GP Series

6, 7½ and 10 Ton Packaged Gas/Electric Units

11.2 EER Commercial System
80% Steady State Efficiency
with Optional Stainless Steel Heat Exchangers

These units are designed specifically for retrofit applications and compatibility with most standard footprints. They take less time to install and retrofit, making the contractor's job more profitable. These units offer flexibility in the replacement market.



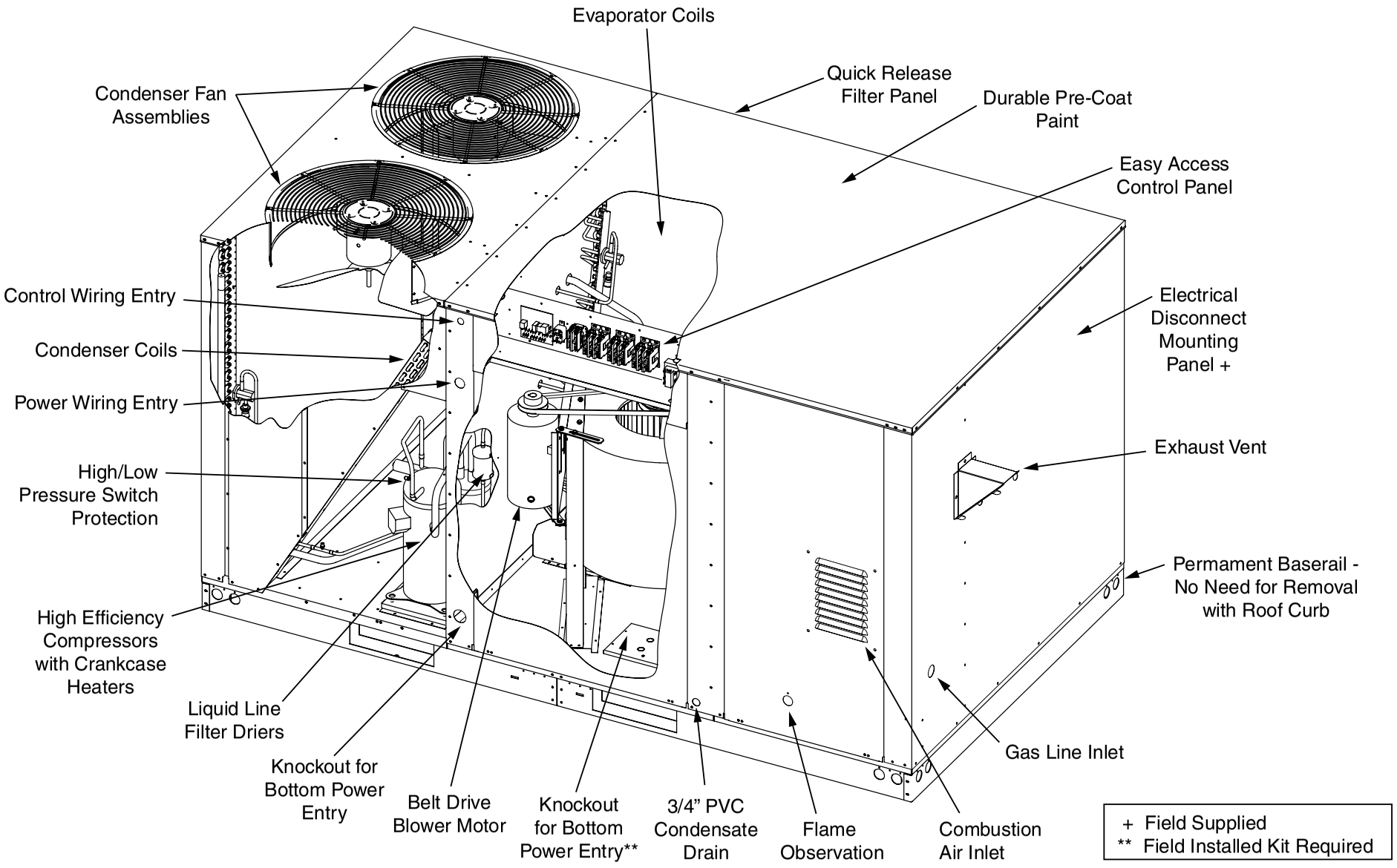
WARRANTY

– 1 year limited parts
– 5 year compressor
– 10 year limited heat exchanger.

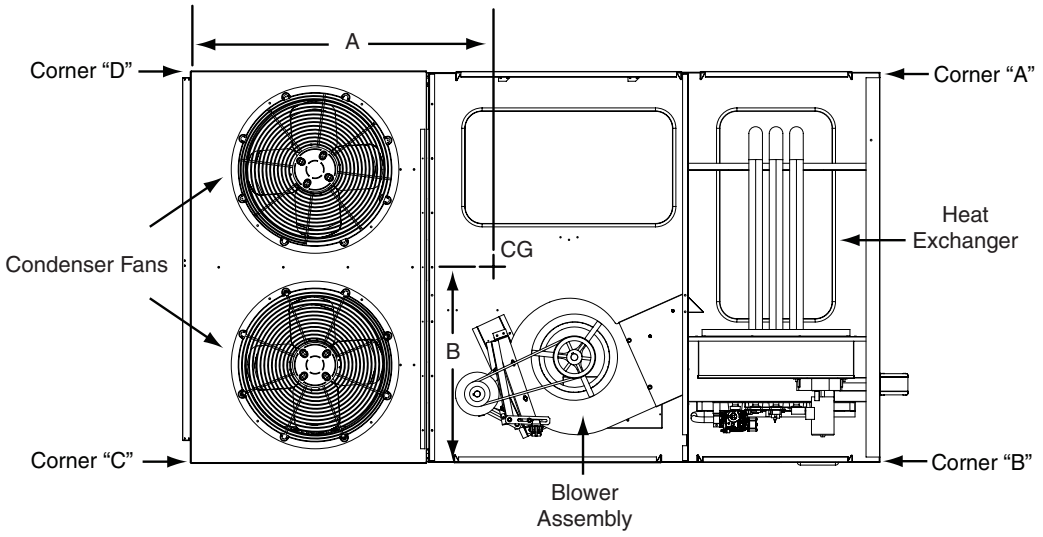
FEATURES and BENEFITS

- **Quality Compressor:** State of the art scroll compressor is standard equipment.
- **7 ½ & 10 Ton Feature Two-Stage Cooling**
- **6 Ton Features Single Stage Cooling**
- **High Efficient Blower Motor:** Meets the requirements of NEMA 12/19/2010
- **Hi/Low Pressure Switches:** Ensure long compressor life. Featuring manual reset high pressure control.
- **Copper Tube / Aluminum Fin Coils:** Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Plastic Mesh Hail Guard:** A guard that will never rust and protects the units coil from being damaged.
- **For Easy Service:** Hi/low service ports allow quick access without disrupting operation.
- **Permanently Lubricated Condenser Fan Motors:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **75 VA Transformer:** Includes 4 Amp circuit breaker to protect the low voltage circuit.
- **Liquid Line Filter Driers:** Factory installed for convenience.
- **Crankcase Heater:** Protection from liquid flood back and future compressor failures.
- **Freeze Protection Thermostats:** provide reliable compressor operation.
- **Easy Compressor and Control Access:** Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **80% Steady State Efficiency:** Aluminized steel or stainless steel heat exchanger tubes are available.
- **Two-Stage Heating:** Provides High / Low fire operation
- **Direct Spark Ignition Control:** With 3 amp fuse, flame sensing, and diagnostic LED
- **Convertible Air Delivery with Kit:** Converts to horizontal airflow with side panels including duct flange and bottom close off panels.
- **Quick-Release Filter Access Panels:** Requires no special servicing tools.
- **Fully Insulated Bottom Pan:** Helps ensure quiet operation and prevents condensation.
- **Removable Top Grille Assembly:** Allows ease of service to the fan motor.
- **Full Perimeter Base Rail System:** Base rails have rigging holes and do not need to be removed for curb applications. Base rails have fork truck slots on three sides.
- **Durable, Attractive Cabinet:** Designed using 20 gauge galvanized steel with a polyester urethane finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.

Model R6GP-120C235C Shown



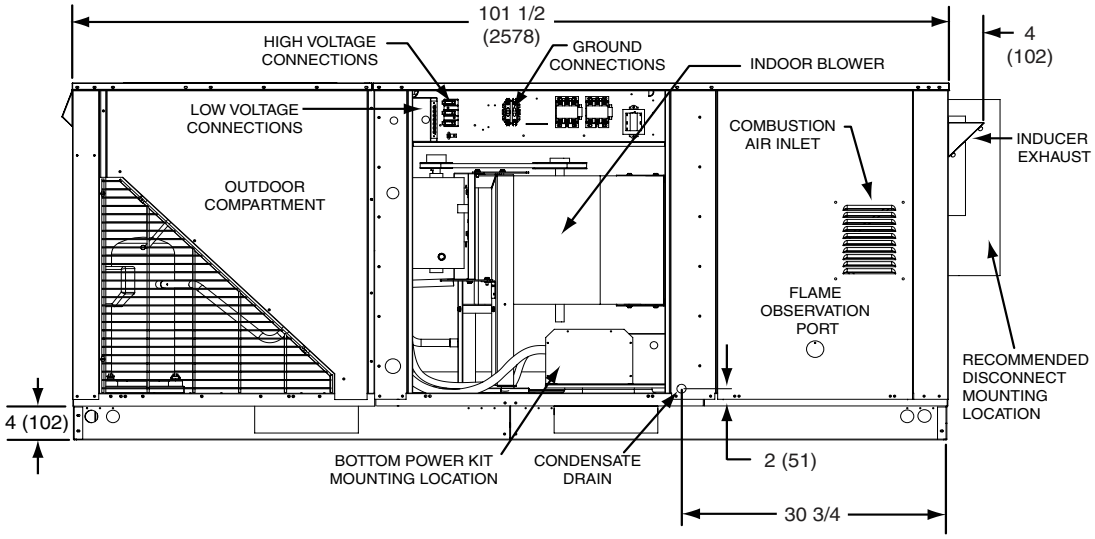
R6GP – PHYSICAL DATA
Dimensions shown in inches (mm)

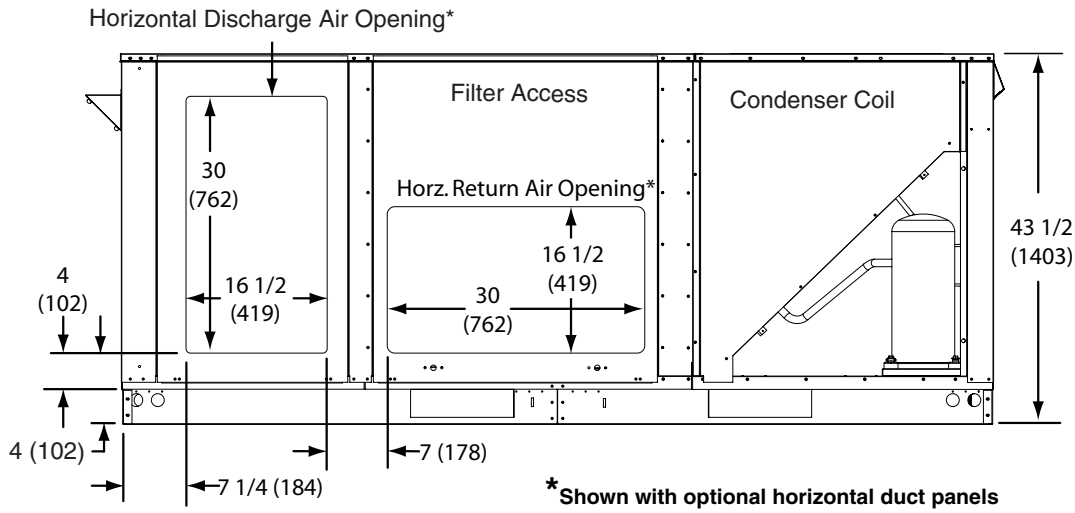


Top View

Corner weights and center of gravity see Table Page 9

Front View



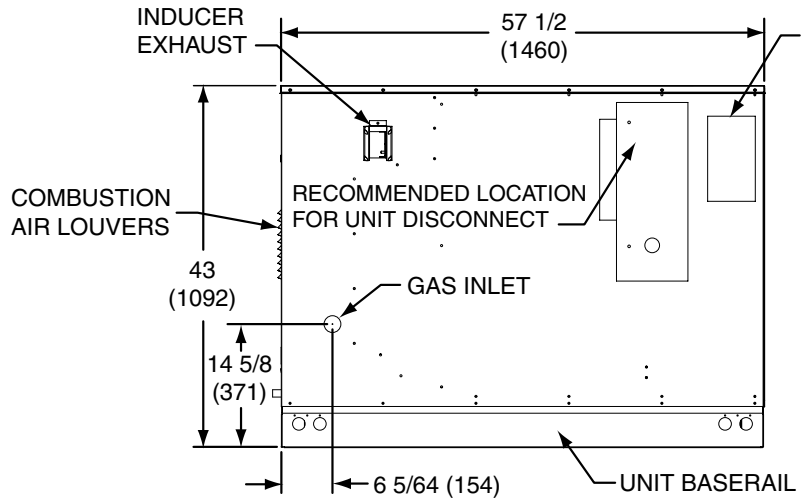


Rear View

***Shown with optional horizontal duct panels**

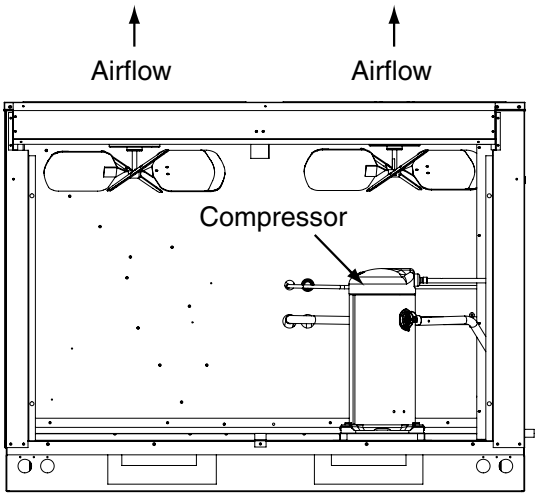
Physical Dimensions for R6GP-072 Series

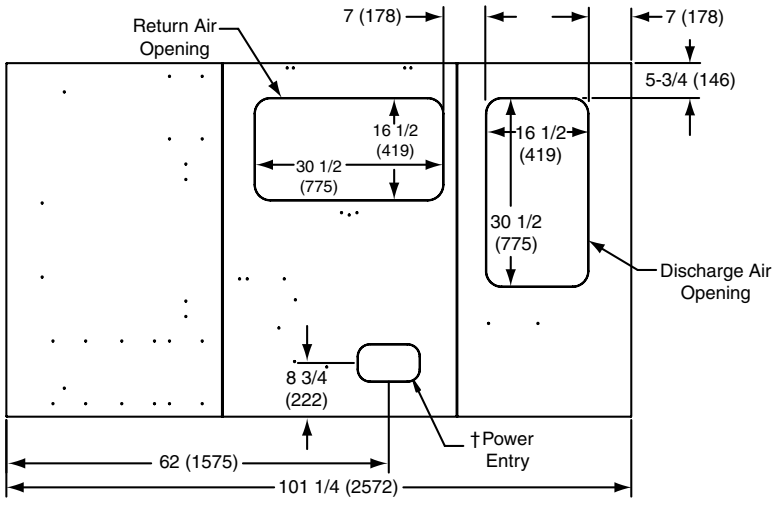
R6GP – PHYSICAL DATA (CONTINUED)
Dimensions shown in inches (mm)



Heat Exchanger End

Condenser End

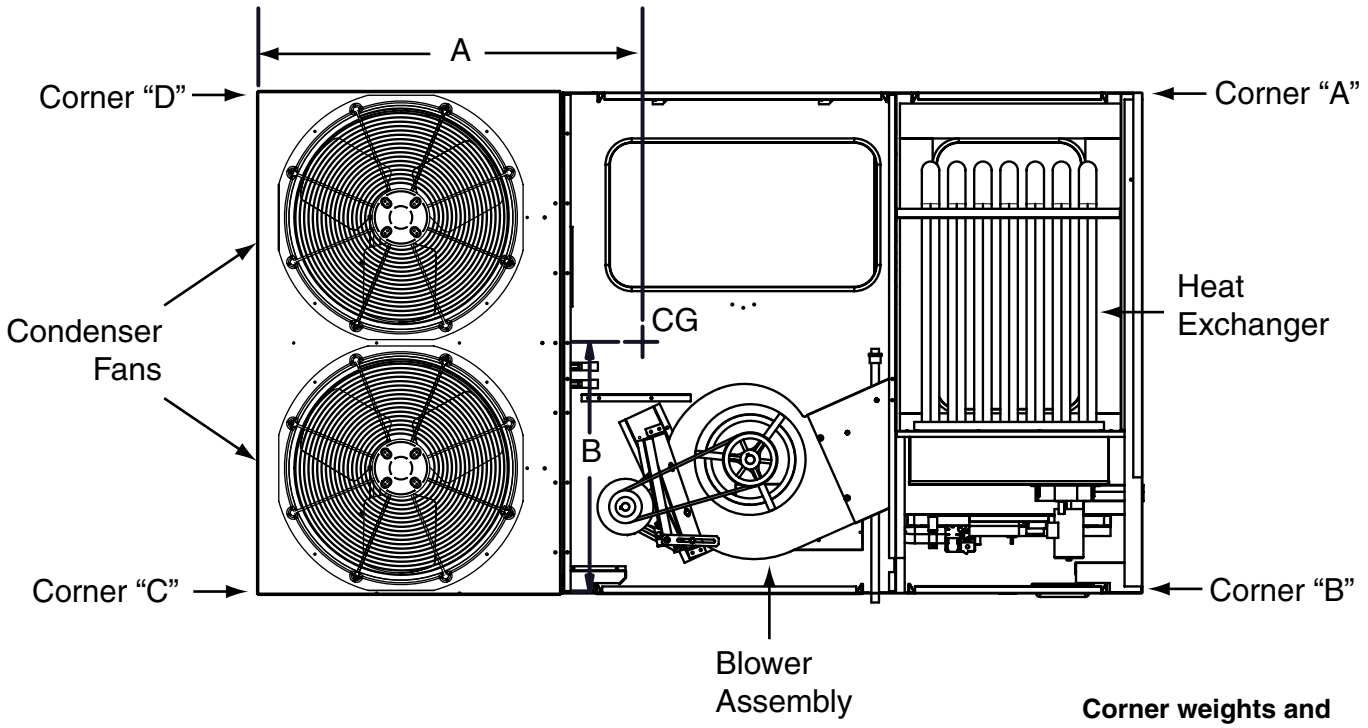




Bottom Pan Top View (072, 090, 120)

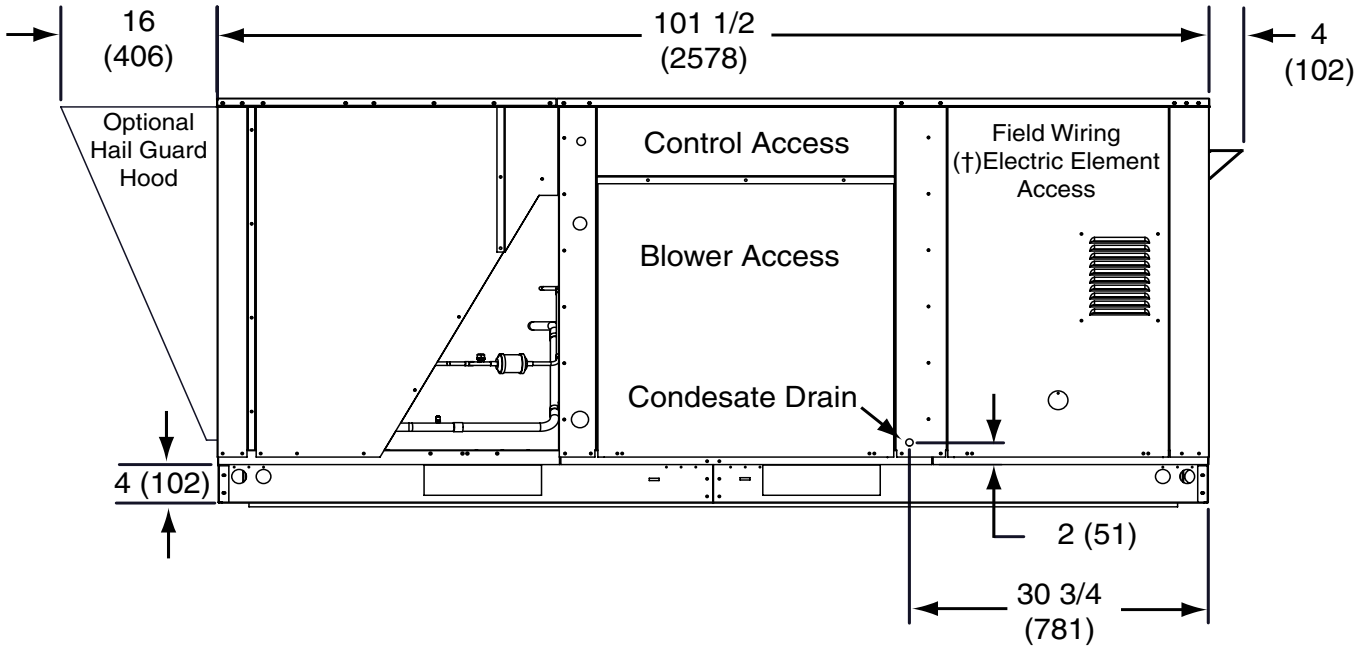
Physical Dimensions for R6GP-072 Series Continued

Dimensions shown in inches (mm)



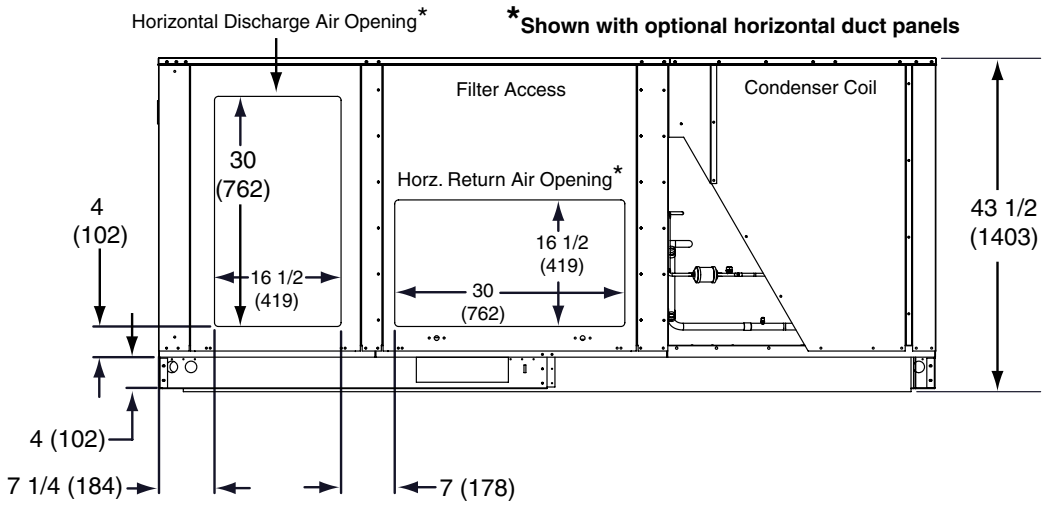
Corner weights and center of gravity see Table Page 9

Top View

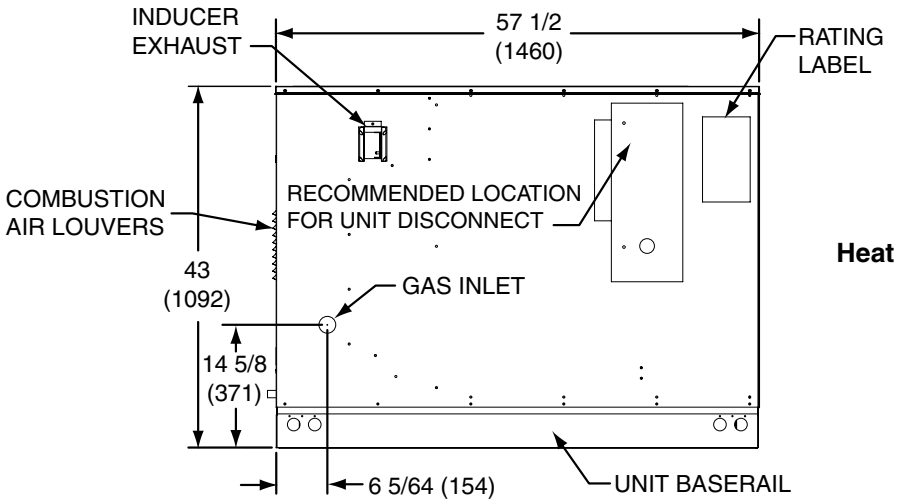


Front View

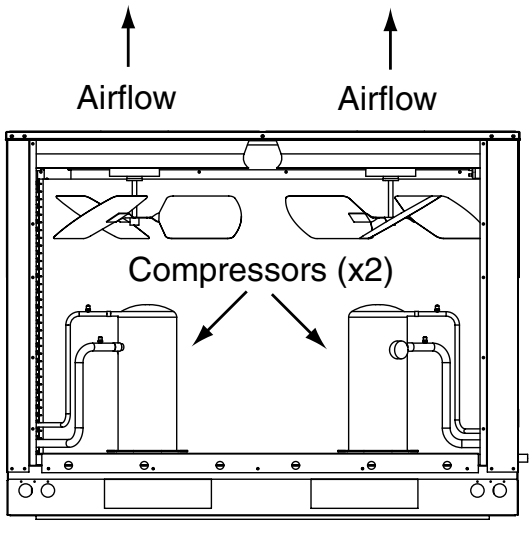
Physical Dimensions for R6GP-090 Series



Rear View



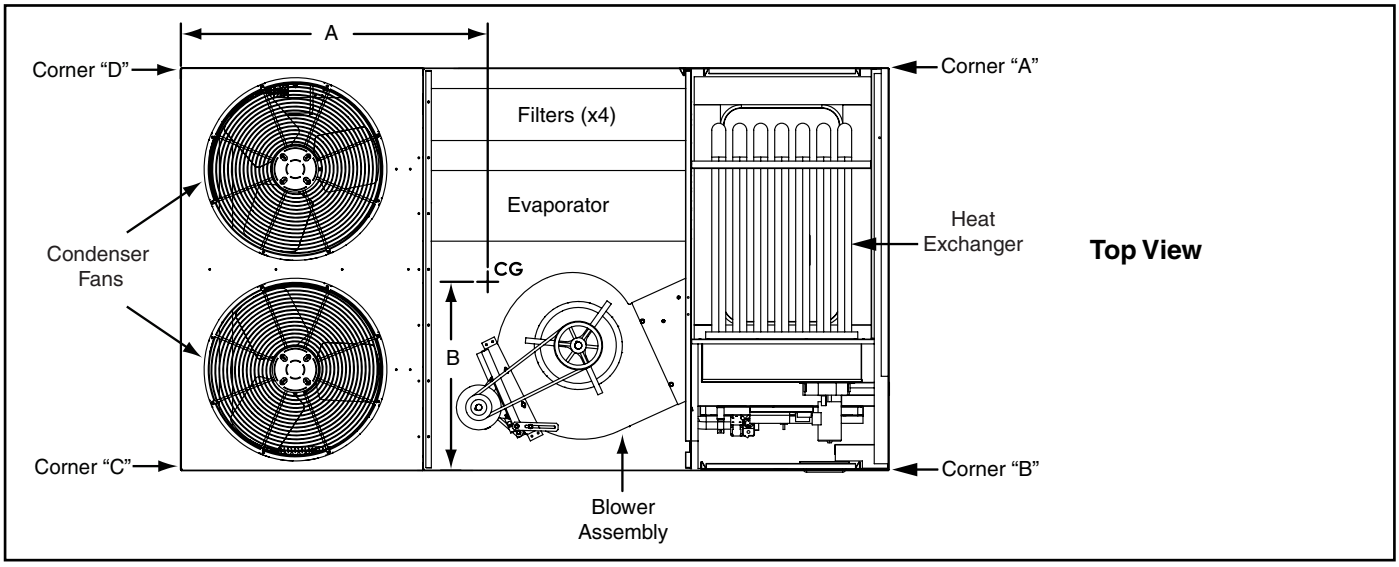
Heat Exchanger End



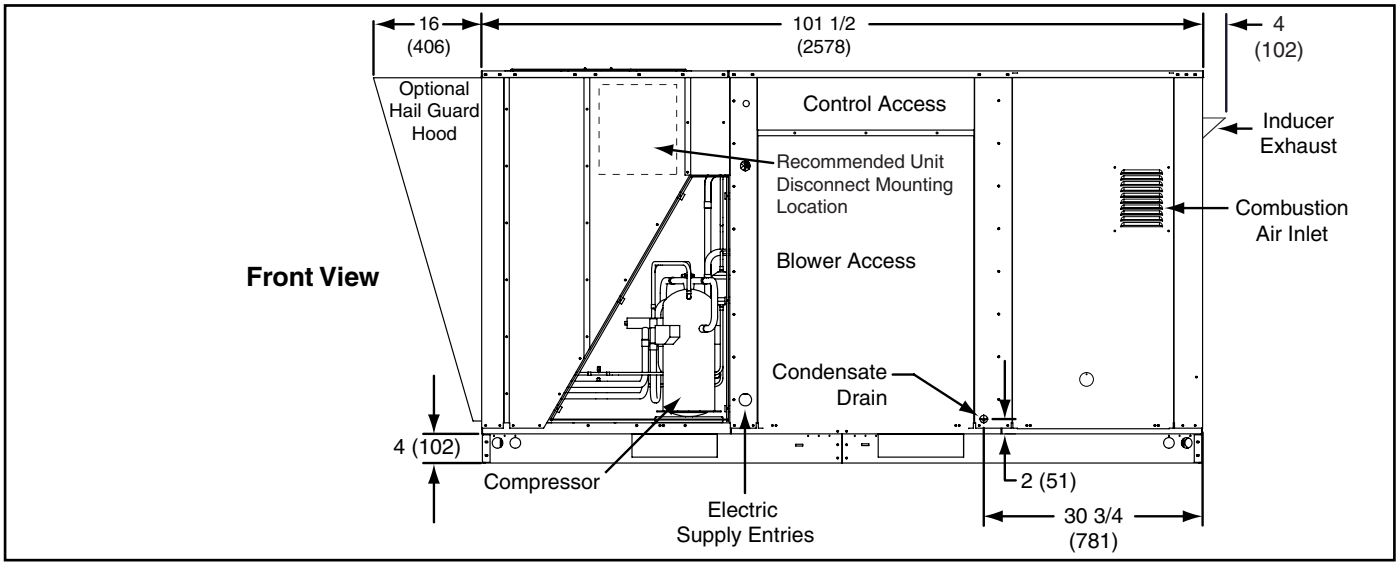
Condenser End

Physical Dimensions for R6GP-090 Series Continued

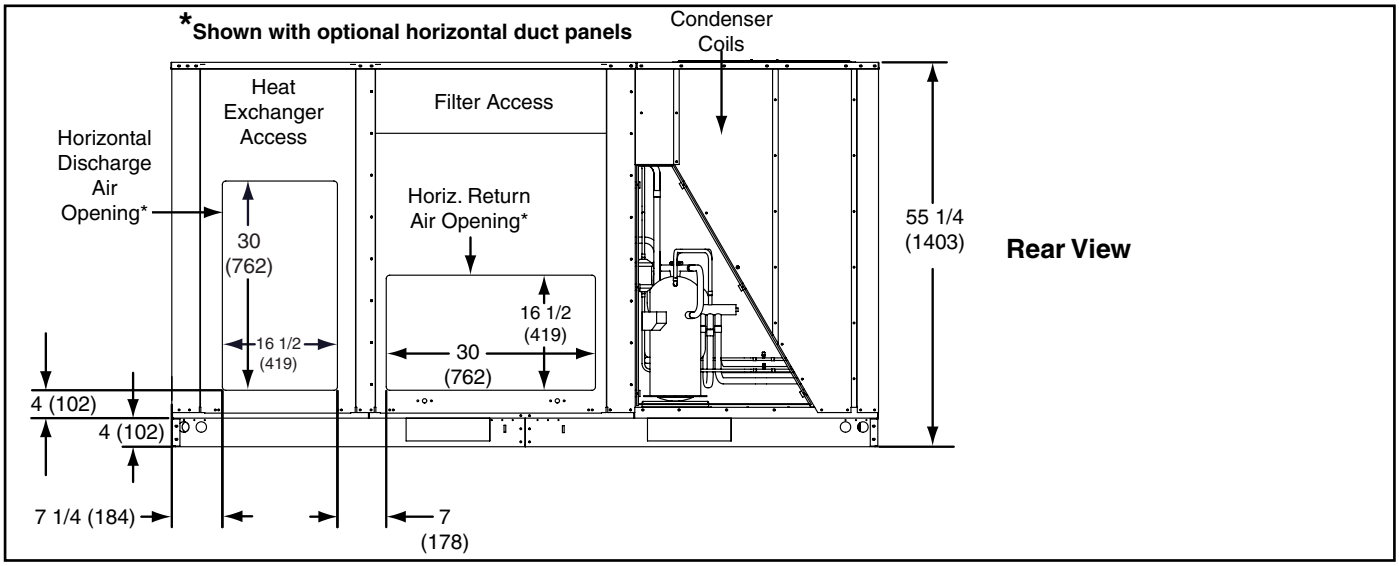
Dimensions shown in inches (mm)



Top View

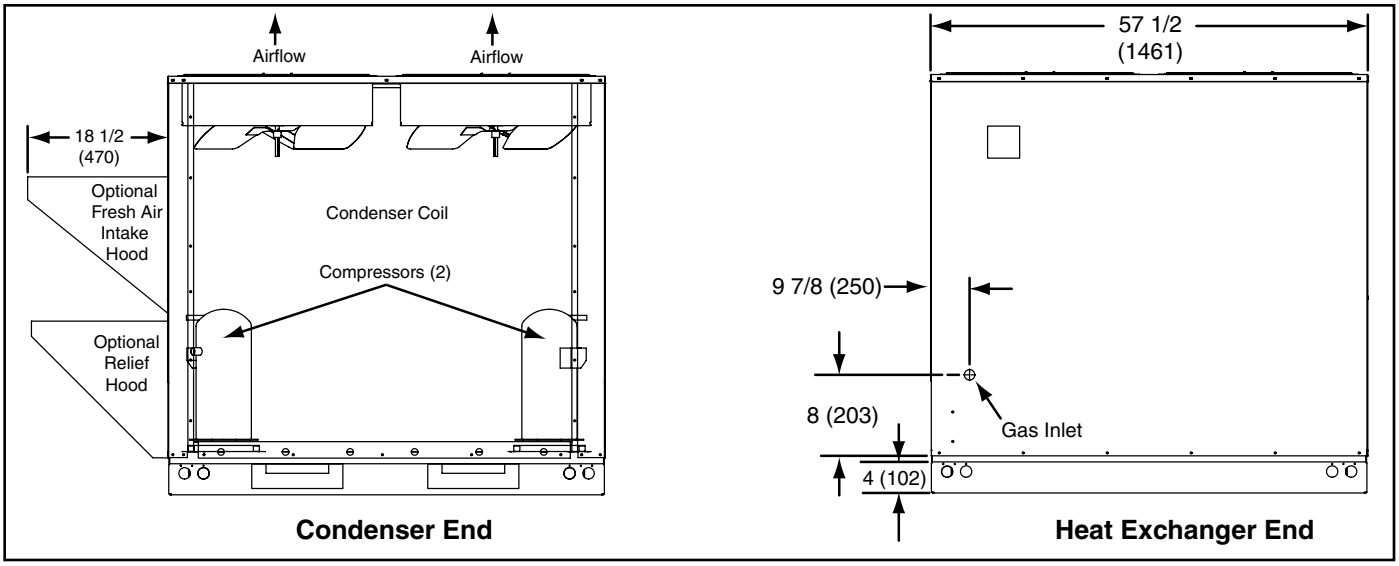


Front View



Rear View

Physical Dimensions for R6GP-120 Series



Physical Dimensions for R6GP-120 Series Continued

Model No.	Unit Weight ‡		Shipping Weight		Center of Gravity Inches (mm)		Corner Weights								Unit Height*	
							A		B		C		D		Horizontal Duct Applications	Vertical Duct Applications
	Lbs.	Kg.	Lbs.	Kg	A	B	Lbs.	Kg.	Lbs.	Kg.	Lbs.	Kg.	Lbs.	Kg.		
R6GP-072*-100	934	425	1069	486	48 (1219)	25 5/8 (651)	197	89	245	111	273	124	219	100	43 1/2 (1105)	38 1/4 (972)
R6GP-072*-166	959	436	1094	497	49 (1245)	25 5/8 (651)	206	94	257	117	275	125	221	100	43 1/2 (1105)	38 1/4 (972)
R6GP-090*-200	983	446	1118	507	55 3/8 (1407)	28 (711)	262	119	275	125	229	104	218	99	43 1/2 (1105)	38 1/4 (972)
R6GP-120*-235	1301	590	1441	654	49 (1245)	30 (762)	300	136	328	149	351	159	322	146	55-1/4 (1409)	51 (1295)

* Baserails are not intended to be removed. Information provided is total unit height for horizontal duct applications or height dimension added to selected roof curb height for vertical duct applications.

‡ Unit weight without packaging or field installed accessories.

Center of Gravity & Unit Shipping Weights

MODEL IDENTIFICATION CODE

R 6 G P - 090 C 045 C A

Application
R = Rooftop Packaged Unit

Series

Gas

P = 11.0 - 11.9 EER

Cooling Nominal Capacity
(000) Btu

Electrical Code
C = 208/230-60-3
D = 460-60-3

Heating Capacity
(000) Btu

C = U.S./Canada - Aluminized Steel Hx
S = U.S./Canada - Stainless Steel Hx

Revision

PHYSICAL SPECIFICATIONS DATA

Model R6GP-	072(C/D)	090(C/D)	120(C/D)
Nominal Capacity (tons)	**6**	**7.5**	**10.0**
Performance Data [1,2,3]			
Total Gross Cooling Capacity (Btuh)	73,300	93,500	125,000
Rated Net Cooling Capacity (Btuh)	72,000	90,000	119,000
E.E.R. - Cooling Efficiency (Btuh/Watt)	11.2	11.2	11.2
IEER - Part load Efficiency	12.6	12.3	11.5
Rated Airflow - CFM	2,400	3,000	4,000
Compressor Data			
Compressor(s) Type	Scroll	Scroll	Scroll
Quantity (number of refrigeration circuits)	1	2	2
Unit Capacity Steps (%)	100	50/50	50/50
Crankcase Heaters	yes	yes	yes
POE Oil Charge (Ea.)	56 Oz.	42 Oz.	42 Oz.
Refrigerant Charge (R-410a)			
Stage 1 Circuit	240 Oz.	168 Oz.	216 Oz.
Stage 2 Circuit	-	168 Oz.	216 Oz.
System Pressure Switches			
Manual Reset High Pressure Switch (PSIG)	Cut Out: 650 +/- 10		
Loss of Charge Switch (PSIG)	Cut Out: 5 +/- 5, Cut In: 20 +/- 5		
Outdoor Fan Data			
Fan Diameter / Total Nominal CFM	20” / 7000	24” / 8200	24” / 8200
Motor - HP / RPM	1/3 - 1100	1/3 - 1075	1/3 - 1075
Quantity	2	2	2
Outdoor Coil Data			
Rows / fpi	2 / 18	2 / 19	2 / 17
Type	Cu Tube/Al Fin	Cu Tube/Al Fin	Cu Tube/Al Fin
Total Face Area (sq ft)	17.0	25.5	34.0
Indoor Coil Data			
Rows / fpi	4 / 14	4 / 14	4 / 14
Type	Cu Tube/Al Fin	Cu Tube/Al Fin	Cu Tube/Al Fin
Total Face Area (sq ft)	8.5	8.5	11.3
Expansion Device	TXV	TXV	TXV
Freeze Protection Thermostat	Opens (˚F): 28 +/- 5, Closes (˚F): 57 +/- 6		
Indoor Blower Data			
Blower Type	Centrifugal	Centrifugal	Centrifugal
(Qty.) - Wheel Diameter	(1) - 12 x 12	(1) - 12 x 12	(1) - 15 x 15
Drive Type	Belt	Belt	Belt
Standard Blower Drive Motor 4			
Motor - Hp / RPM	1 / 1725	1.5 / 1750	2/1800
Speeds	1	1	1
Frame Size	143T	143T	143T
NEMA Efficiency	Premium Eff.	Premium Eff.	Premium Eff.
Blower RPM Range	715 - 971	777 - 1060	672 - 897
Blower ESP Range (in-WC)	0.1 - 1.0	0.1 - 1.3	0.1 - 1.0
Installed Filters			
Style	Disposable - 2” Pleated		
Size[inches] (Qty.)	16x20 (4)	16x20 (4)	16x25 (4)
Sound Rating Number dBA	83.5	85.2	85.8

Notes:
1) Certified in accordance with AHRI Standard 340/360 at the rated airflow shown and the minimum external static duct pressure allowed by the standard. ARI Rating for units with dual voltages are shown at highest rated unit voltage.
2) E.E.R. - Energy Efficiency Ratio: The EER and Net Capacity is determined @ 95˚F Outdoor DB and with air entering the evaporator at 80˚F DB / 67˚F WB
3) IEER - Intergrated Energy Efficiency Ratio: a measure of merit for part load performance of the unit.
4) Refer to Alternate Accessory Drive Table for other available motor/drive kits

UNIT HEATING PERFORMANCE DATA

Model R6GP-	072(C/D)		090(C/D)	120(C/D)
Heater Model	-100(c,s)	-166(c,s)	-200(c,s)a	-235(c,s)b
High Heating Input (Btuh) [1, 2]	100,000	166,000	200,000	235,000
High Heating Output (Btuh)	80,000	132,800	160,000	188,000
Low Heating Input (Btuh) [1, 2]	65,000	108,000	130,000	150,000
Low Heating Output (Btuh)	52,000	86,400	104,000	120,000
Steady State Efficiency	80%	80%	80%	80%
Number of Capacity Stages	2	2	2	2
Ignition Type	Spark	Spark	Spark	Spark
Number of Burners	3	5	6	7
Gas Piping Connection (in)	1/2" NPT	1/2" NPT	1/2" NPT	3/4" NPT
Factory Configured [3]	Nat. Gas	Nat. Gas	Nat. Gas	Nat. Gas

Notes:

1) Units with Heating inputs of 225,000 Btuh or greater are rated in accordance with DOE 10 CFR Part 431

2) Capacities shown represent use with Natural Gas, refer to Table 10 for LP gas capacities

3) Heat Exchangers are convertible to LP with Accessory Kit

TEMPERATURE RISE/AIRFLOW

Unit Model	Gas Type	Heating Input	Heating Output	Heating Rise Range	CFM Range						
					SCFM	1950	2100	2250	2400	2550	2700
R6GP-072*-100	Natural Gas	100,000	80,000	15 - 45	Rise (ºF)*	38	35	33	31	29	27
	Propane (LP)	85,000	68,000			32	30	28	26	25	23
					SCFM	1950	2100	2250	2400	2550	2700
R6GP-072*-166	Natural Gas	166,000	133,000	35 - 65	Rise (ºF)*	63	59	55	51	48	46
	Propane (LP)	141,000	112,800			54	50	46	44	41	39
					SCFM	2425	2625	2800	3000	3188	3375
R6GP-090*-200	Natural Gas	200,000	160,000	30 - 60	Rise (ºF)*	61	56	53	49	46	44
	Propane (LP)	175,000	140,000			53	49	46	43	41	38
					SCFM	3250	3500	3750	4000	4250	4500
R6GP-120*-235	Natural Gas	235,000	188,000	25 - 55	Rise (ºF)*	54	50	46	44	41	39
	Propane (LP)	205,000	164,000			47	43	40	38	36	34

* At Elevations of 2000 Ft or less

ORIFICE OR DRILL SIZE FOR NATURAL AND PROPANE (LP) GASES.

Unit Model	Gas Type	Heating Input	Number of Burners	Orifice Size for Increased Elevation* (Above Sea Level)				
				0-2,000 Ft	2,001-4,000 Ft	4,001-6,000 Ft	6,001-8,000 Ft	8,001-10,000 Ft
R6GP-072*-100	Natural Gas	100,000	3	36	38	40	41	43
	Propane (LP)	85,000		53	54	54	55	55
R6GP-072*-166	Natural Gas	166,000	5	36	38	40	41	43
	Propane (LP)	141,000		53	54	54	55	55
R6GP-090*-200	Natural Gas	200,000	6	36	38	40	41	43
	Propane (LP)	175,000		51	52	52	52	53
R6GP-120*-235	Natural Gas	235,000	7	36	38	40	41	43
	Propane (LP)	205,000		51	52	52	52	53

* Refer to Instructions for High Altitude Deration to determine heat-exchanger capacity at increased elevations.

Table 10. Approximate Orifice or Drill Size for Natural and Propane (LP) Gases.

ELECTRICAL DATA FOR POWER EXHAUST ACCESSORY KITS

Model	Part # †	Volts	HP	CFM	FLA	Fuse	MCA	MOP
R6GP-072 & 090	547867	230	1/2	2350	3.00	6A	3.75	6.75
R6GP-072 & 090	547868	460	1/2	2350	1.50	3A	1.88	3.38
R6GP-120	547876	230	3/4	4900	4.00	9A	5.00	9.00
R6GP-120	547877	460	3/4	4900	2.00	4A	2.50	4.50

† See Accessory List, pg 22

ELECTRICAL DATA

Model Number [2,3]	Nominal Unit Voltage [1]	Compressors			Outdoor motors (2) ea.	Indoor Motor [4]		Inducer Motor			Total Unit RLA	Unit Only Circuit	
Factory Unit Electrical Data:													
R6GP		**QTY**	**RLA**	**LRA**	**FLA**	**Hp**	**FLA**	**Hp**	**FLA**	**LRA**	**FLA**	**MCA**	**MOP**
-072-(100/166)	208-230 V	1 ea.	19	123	1.5	1	3.2-3.1	1/12	0.5	0.76	25.2	30-30	45-45
-072-(100/166)	460 V	1 ea.	9.7	62	0.8		1.5				12.8	16	20
-090-200	208-230 V	2 ea.	13.1	83.1	2.3	1.5	4.4-4.2	1/12	0.5	0.76	35.2	39-39	50-50
-090-200	460 V	2 ea.	6.1	41	1.2		2.1				16.7	19	20
-120-235	208-230 V	2 ea.	16.0	110	2.3	2	6.0-5.8	1/12	0.5	0.76	42.6	47-47	60-60
-120-235	460 V	2 ea.	7.8	52	1.2		2.9				20.9	23	30

Notes:
1) To achieve the rated unit performance, unit voltage should be within 2% of nominal.
2) For C series units:
   Nominal Unit Input Voltage = 208-230 Volt, 60 Hertz, 3 Phase
   Minimum allowed unit voltage = 187V
   Maximum allowed voltage = 253V
3) For D series units:
   Nominal Unit Input Voltage = 460 Volt, 60 Hertz, 3 Phase
   Minimum allowed unit voltage = 414V
   Maximum allowed voltage = 506V
4) Indoor Motors meet 2010 DOE requirements (Premium Efficient)
5) FLA = Full Load Amps
   RLA = Rated Load Amps
   LRA = Locked Rotor Amps
   MCA = Minimum Circuit Ampacity
   MOP = Maximum Over-Current Protection

R6GP - EXPANDED RATINGS, COOLING MODE

R6GP-072-(100/166)

O.D.T			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	kW	T.C.	S.C.	kW	T.C.	S.C.	kW	T.C.	S.C.	kW
2250	75	62	68.4	52.3	5.64	63.1	49.9	6.24	57.7	47.6	6.85	52.4	45.2	7.46
		67	76.1	41.1	5.73	70.6	39.0	6.33	65.0	36.8	6.92	59.5	34.7	7.52
		72	84.7	32.3	5.82	78.7	30.2	6.41	72.8	28.2	7.01	66.8	26.1	7.60
	80	62	68.7	63.0	5.65	63.7	60.5	6.21	58.6	57.9	6.78	54.4	54.2	7.47
		67	76.1	52.3	5.74	71.4	50.3	6.28	66.7	48.2	6.83	60.7	45.5	7.54
		72	84.1	41.5	5.85	78.8	39.4	6.37	73.4	37.2	6.89	67.0	34.5	7.55
2400	75	62	69.2	54.2	5.73	63.9	51.7	6.34	58.6	49.3	6.95	53.3	46.8	7.55
		67	77.1	42.4	5.81	71.6	40.0	6.41	66.2	37.6	7.01	60.7	35.2	7.61
		72	85.9	32.3	5.92	79.9	30.5	6.51	73.8	28.7	7.10	67.8	26.9	7.70
	80	62	69.7	64.4	5.75	65.1	61.4	6.35	60.5	58.5	6.95	55.9	55.6	7.55
		67	77.0	54.1	5.82	**72.0**	**51.7**	**6.43**	65.9	49.4	7.08	60.4	47.0	7.71
		72	85.1	42.7	5.92	79.5	40.3	6.50	73.9	37.9	7.09	68.2	35.5	7.67
2550	75	62	70.0	56.0	5.82	64.7	53.5	6.43	59.5	50.9	7.04	54.2	48.4	7.65
		67	78.0	43.7	5.89	72.7	41.0	6.50	67.3	38.4	7.10	61.9	35.7	7.71
		72	87.0	32.2	6.01	81.0	30.7	6.61	74.9	29.1	7.20	68.8	27.6	7.79
	80	62	70.6	65.8	5.85	66.2	62.8	6.45	62.5	60.9	6.97	57.3	56.9	7.63
		67	77.9	56.0	5.90	72.6	53.4	6.50	67.4	50.9	7.11	62.2	48.3	7.71
		72	86.1	43.9	5.98	80.6	41.4	6.59	75.0	38.9	7.19	69.5	36.4	7.79

R6GP-072-(100/166)

O.D.T			55°F			65°F			75°F			85°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	kW	T.C.	S.C.	kW	T.C.	S.C.	kW	T.C.	S.C.	kW
2250	75	62	78.6	57.9	4.49	75.2	56.0	4.87	71.8	54.2	5.25	68.4	52.3	5.64
		67	86.8	46.7	4.59	83.2	44.8	4.97	79.7	43.0	5.35	76.1	41.1	5.73
		72	95.0	36.1	4.70	91.6	34.8	5.07	88.1	33.6	5.45	84.7	32.3	5.82
	80	62	79.2	68.9	4.47	75.8	66.9	4.85	72.8	65.5	5.21	68.7	63.0	5.65
		67	87.3	58.2	4.57	83.8	56.3	4.95	80.6	54.9	5.31	76.1	52.3	5.74
		72	95.0	45.6	4.69	91.6	44.3	5.06	88.8	43.5	5.41	84.1	41.5	5.85
2400	75	62	79.6	59.7	4.58	76.1	57.8	4.97	72.6	56.0	5.35	69.2	54.2	5.73
		67	87.6	48.0	4.68	84.1	46.1	5.06	80.6	44.3	5.44	77.1	42.4	5.81
		72	95.6	36.0	4.79	92.4	34.8	5.17	89.1	33.5	5.54	85.9	32.3	5.92
	80	62	80.2	70.6	4.57	76.7	68.7	4.95	73.6	67.3	5.31	69.7	64.4	5.75
		67	88.1	59.5	4.66	84.6	57.6	5.03	81.5	56.2	5.39	77.0	54.1	5.82
		72	95.6	45.5	4.78	92.4	44.2	5.15	89.8	43.4	5.50	85.1	42.7	5.92
2550	75	62	80.5	61.5	4.68	77.0	59.6	5.06	73.5	57.8	5.44	70.0	56.0	5.82
		67	88.3	49.3	4.77	84.9	47.4	5.15	81.5	45.6	5.52	78.0	43.7	5.89
		72	96.2	35.9	4.88	93.1	34.7	5.26	90.1	33.4	5.64	87.0	32.2	6.01
	80	62	81.1	72.4	4.66	77.6	70.5	5.04	74.5	69.2	5.40	70.6	65.8	5.85
		67	88.8	60.8	4.75	85.5	58.9	5.12	82.4	57.5	5.48	77.9	56.0	5.90
		72	96.2	45.4	4.88	93.2	44.1	5.24	90.8	43.4	5.60	86.1	43.9	5.98

Notes:

1) T.C. = Total (Net) Cooling Capacity, S.C. = Sensible Cooling Capacity, kW = Kilowatts

2) Expanded Ratings are based on 230 Volt - 60 Hz operation

3) Ratings based on Factory Standard Blower Drive

4) Bolded Values indicate ARI rating points

5) Energy Efficiency Ratio (EER) = T.C. / kW

R6GP - EXPANDED RATINGS, COOLING MODE

R6GP-090 (Two Compressor Operation)

O.D.T			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
2825	75	62	85.3	65.2	7.08	81.3	63.9	7.74	73.4	62.7	8.84	68.5	61.2	9.39
		67	93.3	52.4	7.19	88.8	51.2	7.84	80.1	50.0	8.94	74.8	48.6	9.46
		72	101.9	39.3	7.31	97.3	38.0	7.97	87.7	36.7	9.06	82.0	35.3	9.59
	80	62	86.0	76.5	7.09	82.2	75.5	7.75	74.3	74.5	8.85	69.8	73.6	9.40
		67	92.9	64.4	7.18	88.6	63.4	7.84	80.0	62.4	8.94	74.7	61.2	9.46
		72	101.7	51.4	7.31	97.0	50.4	7.96	87.5	49.3	9.06	81.6	48.1	9.58
3000	75	62	86.8	69.4	7.27	82.7	68.1	7.93	74.5	66.8	9.05	69.5	65.3	9.57
		67	94.6	55.2	7.38	90.0	54.0	8.03	80.9	52.7	9.14	75.3	51.3	9.64
		72	103.5	40.4	7.51	98.6	39.1	8.17	88.8	37.8	9.27	82.9	36.3	9.78
	80	62	87.9	81.9	7.29	84.3	81.8	7.96	76.6	80.3	9.08	72.2	76.4	9.60
		67	94.5	68.5	7.38	**90.0**	**67.5**	**8.04**	81.2	66.5	9.14	75.6	65.3	9.65
		72	103.1	54.2	7.51	98.2	53.1	8.16	88.4	52.0	9.26	82.5	50.9	9.78
3188	75	62	87.9	73.3	7.46	83.7	72.0	8.12	75.3	70.7	9.24	70.2	69.1	9.75
		67	95.3	57.8	7.57	90.3	56.5	8.22	81.2	55.1	9.32	75.7	53.6	9.82
		72	104.6	41.4	7.71	99.5	40.1	8.36	89.6	38.7	9.46	83.5	37.3	9.95
	80	62	90.3	88.4	7.50	86.7	86.3	8.16	78.7	78.3	8.49	74.0	73.7	9.80
		67	95.6	72.5	7.57	91.1	71.4	8.23	82.0	70.4	8.56	76.6	69.2	9.83
		72	104.1	56.8	7.70	98.9	55.7	8.35	88.9	54.7	8.68	82.4	53.4	9.95

R6GP-090 (One Compressor Operation)

O.D.T			55 °F			65 °F			75 °F			85 °F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	kW	T.C.	S.C.	kW	T.C.	S.C.	kW	T.C.	S.C.	kW
2825	75	62	58.5	52.6	3.74	52.5	47.2	3.88	48.0	44.1	4.10	45.0	43.2	4.42
		67	64.7	44.3	3.81	58.8	38.9	3.95	54.3	35.8	4.18	51.3	34.9	4.49
		72	71.7	35.0	3.90	65.8	29.7	4.04	61.3	26.6	4.26	58.2	25.7	4.57
	80	62	59.3	59.3	3.78	53.3	53.3	3.92	48.8	48.8	4.15	45.8	45.8	4.46
		67	64.6	57.4	3.85	58.7	52.0	3.98	54.2	48.9	4.21	51.1	48.0	4.52
		72	70.5	49.5	3.92	64.6	44.1	4.06	60.1	41.0	4.28	57.0	40.1	4.59
3000	75	62	59.0	53.7	3.77	53.1	48.3	3.91	48.6	45.2	4.14	45.5	44.3	4.45
		67	65.3	45.3	3.85	59.4	40.0	3.99	54.9	36.9	4.21	51.8	36.0	4.53
		72	72.2	36.1	3.93	66.3	30.8	4.07	61.8	27.6	4.30	58.8	26.8	4.61
	80	62	59.8	59.8	3.82	53.9	53.9	3.96	49.4	49.4	4.18	46.3	46.3	4.49
		67	65.1	58.4	3.88	59.2	53.1	4.02	54.7	50.0	4.24	51.6	49.1	4.56
		72	71.1	50.6	3.95	65.1	45.2	4.09	60.6	42.1	4.32	57.6	41.2	4.63
3190	75	62	59.5	55.3	3.77	53.6	50.0	3.90	49.1	46.8	4.13	46.0	46.0	4.44
		67	65.8	47.0	3.84	59.8	41.6	3.98	55.3	38.5	4.20	52.3	37.6	4.52
		72	72.7	37.8	3.92	66.8	32.4	4.06	62.3	29.3	4.29	59.2	28.4	4.60
	80	62	60.3	60.3	3.81	54.4	54.4	3.95	49.9	49.9	4.17	46.8	46.8	4.49
		67	65.6	60.1	3.87	59.7	54.7	4.01	55.2	51.6	4.24	52.1	50.7	4.55
		72	71.5	52.2	3.94	65.6	46.9	4.08	61.1	43.7	4.31	58.0	42.9	4.62

Notes:

1) T.C. = total (Net) cooling in kBtuh; S.C. = Sensible Cooling in kBtuh; kW = Kilowatts

2) Ratings are based on the Factory Standard blower drive combination

3) For 208-230V Units, the ratings shown reflect 230V operation

4) Bolded Values indicate AHRI rating points

5) Energy Efficiency Ratio (EER) = T.C./kW

R6GP - EXPANDED RATINGS, COOLING MODE

R6GP-120 (Two Compressor Operation)

O.D.T			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
3500	75	62	112.7	86.5	9.36	107.5	84.9	10.24	97.0	83.3	11.68	90.5	81.3	12.41
		67	123.3	69.6	9.50	117.4	68.0	10.37	105.9	66.3	11.82	98.8	64.5	12.50
		72	134.7	52.2	9.67	128.6	50.5	10.53	115.9	48.7	11.98	108.4	46.9	12.68
	80	62	113.7	101.5	9.37	108.6	100.3	10.25	98.2	98.9	11.71	92.3	97.8	12.43
		67	122.8	85.5	9.49	117.2	84.2	10.36	105.7	82.8	11.82	98.8	81.3	12.51
		72	134.4	68.3	9.67	128.2	66.9	10.53	115.6	65.5	11.98	107.9	63.9	12.67
4000	75	62	114.8	92.1	9.62	109.3	90.4	10.49	98.5	88.7	11.96	91.8	86.7	12.65
		67	125.0	73.3	9.76	118.9	71.6	10.62	107.0	70.0	12.08	99.6	68.1	12.74
		72	136.8	53.6	9.93	130.3	51.9	10.80	117.4	50.1	12.25	109.6	48.2	12.93
	80	62	116.2	108.8	9.64	111.5	108.6	10.52	101.3	106.6	12.01	95.4	101.5	12.69
		67	124.9	91.0	9.75	**119.0**	**89.6**	**10.62**	107.3	88.3	12.09	100.0	86.7	12.75
		72	136.3	71.9	9.93	129.8	70.5	10.79	116.9	69.1	12.25	109.1	67.6	12.92
4500	75	62	116.2	97.4	9.87	110.7	95.6	10.74	99.6	93.9	12.22	92.8	91.8	12.89
		67	125.9	76.8	10.00	119.4	75.0	10.86	107.3	73.2	12.33	100.0	71.2	12.98
		72	138.2	55.0	10.19	131.6	53.2	11.05	118.4	51.4	12.51	110.4	49.5	13.16
	80	62	119.4	117.4	9.91	114.6	114.6	10.79	104.0	104.0	11.22	97.8	97.8	12.95
		67	126.4	96.2	10.01	120.4	94.9	10.88	108.5	93.5	11.31	101.2	91.9	13.00
		72	137.6	75.4	10.18	130.7	74.0	11.04	117.5	72.6	11.48	108.9	70.9	13.16

R6GP-120 (One compressor operation)

O.D.T			55 °F			65 °F			75 °F			85 °F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	kW	T.C.	S.C.	kW	T.C.	S.C.	kW	T.C.	S.C.	kW
3500	75	62	65.9	49.1	4.50	61.8	46.9	4.80	56.8	44.3	5.10	50.7	41.4	5.50
		67	73.8	37.5	4.70	69.8	35.3	5.00	64.7	32.7	5.30	58.7	29.8	5.70
		72	82.6	27.7	4.80	78.6	25.5	5.10	73.5	22.9	5.50	67.5	19.9	5.90
	80	62	69.9	58.8	4.30	65.9	56.6	4.60	60.9	54.0	5.00	54.8	51.0	5.30
		67	76.7	47.9	4.50	72.6	45.6	4.70	67.6	43.1	5.10	61.5	40.1	5.50
		72	84.2	36.5	4.60	80.1	34.3	4.90	75.1	31.7	5.20	69.0	28.8	5.60
4000	75	62	66.9	50.5	4.90	62.9	48.3	5.20	57.9	45.7	5.50	51.8	42.8	5.90
		67	74.9	38.8	5.00	70.8	36.5	5.30	65.8	34.0	5.60	59.7	31.0	6.00
		72	83.7	28.8	5.20	79.6	26.6	5.40	74.6	24.0	5.80	68.5	21.0	6.20
	80	62	68.8	58.9	5.00	64.8	56.7	5.20	59.8	54.1	5.60	53.7	51.2	6.00
		67	75.5	48.4	5.10	71.5	46.2	5.30	66.5	43.6	5.70	60.4	40.7	6.10
		72	83.0	37.5	5.20	79.0	35.3	5.40	74.0	32.7	5.80	67.9	29.7	6.20
4500	75	62	68.0	51.9	5.20	64.0	49.7	5.50	58.9	47.1	5.80	52.9	44.2	6.20
		67	75.9	40.0	5.40	71.9	37.8	5.60	66.9	35.2	6.00	60.8	32.2	6.40
		72	84.7	29.9	5.50	80.7	27.7	5.80	75.7	25.1	6.10	69.6	22.1	6.50
	80	62	67.9	59.0	5.60	63.9	56.8	5.90	58.9	54.2	6.20	52.8	51.3	6.60
		67	74.4	49.0	5.70	70.4	46.7	5.90	65.4	44.1	6.30	59.3	41.2	6.70
		72	82.3	38.1	5.70	78.2	35.9	6.00	73.2	33.3	6.30	67.1	30.3	6.70

Notes:

1) T.C. = total (Net) cooling in kBtuh; S.C. = Sensible Cooling in kBtuh; kW = Kilowatts

2) Ratings are based on the Factory Standard blower drive combination

3)For 208-230V Units, the ratings shown reflect 230V operation

4) Bolded Values indicate AHRI rating points

5) Energy Efficiency Ratio (EER) = T.C./kW

BLOWER PERFORMANCE DATA

2588
719
0.72
Indicates a recommended unit operational point

2793
715
0.77
Indicates an allowable setting that is not recommended for unit operation †

† These operational points should be carefully examined by the installer for proper unit setup and heating operation

Indicates a setting that is not permitted for unit operation

R6GP-072-100

Factory Standard: 1 Hp Down-flow Performance Chart

‡ *Indicates Factory Sheave Setting*

Extended Unit Static (in-Wg)	Operating @ 230 or 460 Volts	Adjustable Motor Sheave Setting										
		Fully Closed	1/2 Turn Open	1 Turn Open	1.5 Turns Open	2 Turns Open	2.5 Turns Open	3 Turns Open	3.5 Turns Open	4 Turns Open	4.5 Turns Open	5 Turns Open ‡
0.1	CFM										2946	2793
	RPM										741	715
	kW										0.85	0.77
0.2	CFM									2867	2728	2588
	RPM									771	745	719
	kW									0.85	0.78	0.72
0.3	CFM							2975	2828	2680	2528	2375
	RPM							824	800	775	749	722
	kW							0.98	0.88	0.79	0.72	0.65
0.4	CFM							2763	2608	2453	2293	2110
	RPM							828	804	760	746	726
	kW							0.95	0.84	0.72	0.63	0.57
0.5	CFM						2727	2582	2381	2180	1982	
	RPM						854	831	808	784	750	
	kW						0.95	0.86	0.75	0.65	0.56	
0.6	CFM					2680	2488	2295	2105	1860		
	RPM					880	858	835	801	786		
	kW					0.97	0.86	0.76	0.63	0.54		
0.7	CFM				2582	2399	2177	1913				
	RPM				908	884	862	866				
	kW				0.98	0.86	0.76	0.68				
0.8	CFM			2528	2301	2074	1913					
	RPM			936	912	888	866					
	kW			0.97	0.86	0.76	0.68					
0.9	CFM		2417	2220	2111							
	RPM		960	940	908							
	kW		1.02	0.85	0.79							
1.0	CFM		2105	1854								
	RPM		964	944								
	kW		0.88	0.77								

R6GP-072-100

Factory Standard: 1 Hp Horizontal Performance Chart

‡ *Indicates Factory Sheave Setting*

Extended Unit Static (in-Wg)	Operating @ 230 or 460 Volts	Adjustable Motor Sheave Setting										
		Fully Closed	1/2 Turn Open	1 Turn Open	1.5 Turns Open	2 Turns Open	2.5 Turns Open	3 Turns Open	3.5 Turns Open	4 Turns Open	4.5 Turns Open	5 Turns Open ‡
0.1	CFM										2999	2848
	RPM										740	717
	kW										0.86	0.76
0.2	CFM									2955	2785	2615
	RPM									764	742	720
	kW									0.88	0.79	0.69
0.3	CFM								2881	2738	2558	2377
	RPM								792	766	745	723
	kW								0.92	0.81	0.72	0.64
0.4	CFM							2812	2663	2514	2289	2085
	RPM							821	795	769	745	721
	kW							0.96	0.85	0.74	0.68	0.56
0.5	CFM						2729	2590	2426	2261	1995	1802
	RPM						850	826	799	772	746	730
	kW						0.97	0.85	0.77	0.68	0.60	0.46
0.6	CFM					2626	2462	2298	2026	1957		
	RPM					877	853	829	800	775		
	kW					0.99	0.87	0.76	0.64	0.58		
0.7	CFM				2563	2349	2165	2018				
	RPM				903	879	855	833				
	kW				1.00	0.87	0.77	0.68				
0.8	CFM			2545	2353	2100	1862					
	RPM			931	907	833	858					
	kW			1.02	0.91	0.78	0.68					
0.9	CFM		2414	2306	2046							
	RPM		959	936	912							
	kW		1.04	0.92	0.79							
1.0	CFM		2174	2013								
	RPM		964	941								
	kW		0.90	0.81								

Values includes losses for: Unit Casing, 2" Disposable (Pleated) Filters & Dry Evaporator Coil
For approximate Cfm at 208V Deduct 0.5%

BLOWER PERFORMANCE DATA

R6GP-072-166

Factory Standard: 1 Hp Down-flow Performance Chart

‡ *Indicates Factory Sheave Setting*

Extended Unit Static (in-Wg)	Operating @ 230 or 460 Volts	Adjustable Motor Sheave Setting										
		Fully Closed	1/2 Turn Open	1 Turn Open	1.5 Turns Open	2 Turns Open	2.5 Turns Open	3 Turns Open	3.5 Turns Open	4 Turns Open	4.5 Turns Open	5 Turns Open ‡
0.1	CFM										3025	2872
	RPM										721	719
	kW										0.88	0.80
0.2	CFM									2989	2832	2674
	RPM									775	749	722
	kW									0.92	0.83	0.74
0.3	CFM								2936	2788	2613	2437
	RPM								802	776	751	725
	kW								0.94	0.85	0.76	0.68
0.4	CFM							2879	2708	2537	2335	2132
	RPM							831	804	777	753	726
	kW							0.96	0.87	0.79	0.68	0.57
0.5	CFM						2826	2647	2437	2227	2016	
	RPM						857	834	808	782	756	
	kW						0.99	0.87	0.78	0.68	0.59	
0.6	CFM					2769	2544	2318	2107	1895		
	RPM					881	860	838	811	784		
	kW					1.04	0.90	0.77	0.67	0.57		
0.7	CFM				2625	2395	2220	2044				
	RPM				909	887	864	840				
	kW				1.01	0.86	0.78	0.70				
0.8	CFM			2525	2323	2120	1920					
	RPM			937	915	892	868					
	kW			1.01	0.89	0.77	0.68					
0.9	CFM		2449	2216	2004							
	RPM		964	941	919							
	kW		1.01	0.88	0.79							
1.0	CFM		2160	1928								
	RPM		971	946								
	kW		0.92	0.81								

R6GP-072-166

Factory Standard: 1 Hp Horizontal Performance Chart

‡ *Indicates Factory Sheave Setting*

Extended Unit Static (in-Wg)	Operating @ 230 or 460 Volts	Adjustable Motor Sheave Setting										
		Fully Closed	1/2 Turn Open	1 Turn Open	1.5 Turns Open	2 Turns Open	2.5 Turns Open	3 Turns Open	3.5 Turns Open	4 Turns Open	4.5 Turns Open	5 Turns Open ‡
0.1	CFM											2914
	RPM											724
	kW											0.80
0.2	CFM											2703
	RPM											728
	kW											0.74
0.3	CFM									2771	2620	2469
	RPM									778	755	731
	kW									0.84	0.75	0.66
0.4	CFM							2879	2704	2529	2366	2203
	RPM							833	807	781	757	732
	kW							0.97	0.86	0.75	0.68	0.60
0.5	CFM							2655	2457	2259	2060	
	RPM							837	811	785	760	
	kW							0.89	0.78	0.67	0.59	
0.6	CFM					2745	2569	2392	2169	1946		
	RPM					884	862	839	813	789		
	kW					1.02	0.89	0.77	0.59	0.60		
0.7	CFM				2668	2474	2285	2095				
	RPM				912	888	865	842				
	kW				1.05	0.92	0.80	0.69				
0.8	CFM			2572	2386	2200	1988					
	RPM			939	971	894	870					
	kW			1.07	0.93	0.79	0.70					
0.9	CFM			2303	2097							
	RPM			942	920							
	kW			0.95	0.83							
1.0	CFM		2254	2043								
	RPM		971	945								
	kW		0.96	0.85								

Values includes losses for: Unit Casing, 2" Disposable (Pleated) Filters & Dry Evaporator Coil
For approximate Cfm at 208V Deduct 0.5%

BLOWER PERFORMANCE DATA

R6GP-090-200

Factory Standard: 1 Hp Down-flow Performance Chart

‡ *Indicates Factory Sheave Setting*

Extended Unit Static (in-Wg)	Operating @ 230 or 460 Volts	Adjustable Motor Sheave Setting												
		Fully Closed	1/2 Turn Open	1 Turn Open	1.5 Turns Open	2 Turns Open	2.5 Turns Open	3 Turns Open	3.5 Turns Open	4 Turns Open	4.5 Turns Open	5 Turns Open ‡	5.5 Turns Open	6 Turns Open
0.1	CFM								3666	3549	3495	3441	3325	3209
	RPM								867	843	832	820	799	777
	kW								1.49	1.36	1.33	1.29	1.18	1.07
0.2	CFM							3613	3496	3378	3316	3253	3137	3021
	RPM							893	870	846	834	822	800	778
	kW							1.52	1.40	1.28	1.25	1.21	1.11	1.01
0.3	CFM							3439	3315	3190	3135	3080	2946	2811
	RPM							895	872	849	836	823	802	780
	kW							1.45	1.33	1.20	1.17	1.13	1.03	0.94
0.4	CFM						3384	3267	3139	3010	2945	2879	2736	2592
	RPM						918	896	875	853	839	824	803	782
	kW						1.48	1.37	1.25	1.12	1.09	1.06	0.96	0.86
0.5	CFM					3332	3213	3094	2943	2791	2726	2661	2503	
	RPM					943	921	898	878	857	842	826	805	
	kW					1.49	1.38	1.28	1.16	1.05	1.01	0.98	0.88	
0.6	CFM				3312	3195	3039	2883	2727	2571	2479			
	RPM				968	946	924	902	881	860	845			
	kW				1.52	1.40	1.29	1.19	1.07	0.95	0.92			
0.7	CFM			3255	3128	3001	2825	2648	2469					
	RPM			993	971	949	927	905	885					
	kW			1.54	1.42	1.31	1.19	1.08	0.97					
0.8	CFM		3164	3059	2903	2747	2574							
	RPM		1010	996	974	952	931							
	kW		1.52	1.44	1.31	1.19	1.09							
0.9	CFM		2962	2830	2669	2508								
	RPM		1014	1001	979	956								
	kW		1.39	1.31	1.20	1.08								
1.0	CFM	2904	2754	2572										
	RPM	1039	1018	1005										
	kW	1.40	1.28	1.19										
1.1	CFM	2693	2528											
	RPM	1043	1024											
	kW	1.30	1.17											
1.2	CFM													
	RPM													
	kW													
1.3	CFM													
	RPM													
	kW													

Values includes losses for: Unit Casing, 2" Disposable (Pleated) Filters & Dry Evaporator Coil
For approximate Cfm at 208V Deduct 0.5%

BLOWER PERFORMANCE DATA

R6GP-120-235

Factory Standard: 2Hp Down-flow Performance Chart

‡ Indicates Factory Sheave Setting for Pre-configured Units

External Unit Static (in-Wg)	Operating @ 230 or 460 Volts	Adjustable Motor Sheave Setting												
		Fully Closed	1/2 Turn Open	1 Turn Open	1.5 Turns Open	2 Turns Open	2.5 Turns Open	3 Turns Open	3.5 Turns Open	4 Turns Open	4.5 Turns Open	5 Turns Open ‡	5.5 Turns Open	6 Turns Open
0.1	CFM									*5061*	*4896*	*4731*	*4558*	4384
	RPM									*736*	*715*	*694*	*673*	651
	kW									*1.86*	*1.72*	*1.57*	*1.44*	1.31
0.2	CFM									*4849*	*4679*	4508	4321	4134
	RPM									*737*	*716*	696	674	653
	kW									*1.77*	*1.63*	1.49	1.35	1.22
0.3	CFM							*5005*	*4816*	*4627*	4447	4267	4071	3875
	RPM							*781*	*760*	*738*	718	697	676	655
	kW							*2.01*	*1.83*	*1.66*	1.52	1.38	1.25	1.12
0.4	CFM							*4773*	*4593*	4413	4202	3990	3777	3564
	RPM							*782*	*762*	741	720	698	678	657
	kW							*1.92*	*1.74*	1.56	1.42	1.29	1.15	1.02
0.5	CFM						*4719*	*4534*	4336	4137	3923	3708	*3477*	*3245*
	RPM						*803*	*783*	764	744	722	699	*679*	*659*
	kW						*1.98*	*1.79*	1.61	1.43	1.30	1.18	*1.05*	*0.92*
0.6	CFM					*4685*	4479	4273	4059	3845	3603	*3361*		
	RPM					*826*	806	786	766	746	724	*703*		
	kW					*2.04*	1.85	1.66	1.50	1.33	1.19	*1.05*		
0.7	CFM					4457	4236	4014	3773	3531	*3243*			
	RPM					828	808	788	768	747	*727*			
	kW					1.91	1.72	1.54	1.37	1.20	*1.06*			
0.8	CFM			*4601*	4395	4188	3940	3692	*3412*					
	RPM			*867*	849	832	811	791	*771*					
	kW			*2.15*	1.97	1.78	1.59	1.40	*1.22*					
0.9	CFM			4326	4110	3893	3609	*3325*						
	RPM			870	853	835	814	*793*						
	kW			2.01	1.82	1.63	1.44	*1.26*						
1.0	CFM		4251	3998	3765	3531	*3252*							
	RPM		890	872	855	839	*817*							
	kW		2.03	1.82	1.64	1.45	*1.28*							
1.1	CFM		3917	3675	*3434*	*3192*								
	RPM		894	874	*858*	*842*								
	kW		1.83	1.66	*1.48*	*1.31*								
1.2	CFM	3845	3605	*3358*										
	RPM	910	897	*878*										
	kW	1.89	1.68	*1.51*										
1.3	CFM	3551	*3274*											
	RPM	913	*900*											
	kW	1.73	*1.53*											
1.4	CFM	*3168*												
	RPM	*916*												
	kW	*1.56*												

Values includes losses for: Unit Casing, 2" Disposable (Pleated) Filters & Dry Evaporator Coil
For approximate Cfm at 208V Deduct 0.5%

BLOWER PERFORMANCE DATA

R6GP-120-235

Factory Standard: 2Hp Horizontal Performance Chart

‡ Indicates Factory Sheave Setting for Pre-configured Units

External Unit Static (in-Wg)	Operating @ 230 or 460 Volts	Adjustable Motor Sheave Setting												
		Fully Closed	1/2 Turn Open	1 Turn Open	1.5 Turns Open	2 Turns Open	2.5 Turns Open	3 Turns Open	3.5 Turns Open	4 Turns Open	4.5 Turns Open	5 Turns Open ‡	5.5 Turns Open	6 Turns Open
0.1	CFM									*5020*	*4871*	*4722*	*4536*	4350
	RPM									*736*	*717*	*697*	*675*	653
	kW									*1.82*	*1.68*	*1.53*	*1.41*	1.29
0.2	CFM									*4783*	*4619*	4454	4271	4087
	RPM									*738*	*718*	698	676	655
	kW									*1.73*	*1.59*	1.45	1.33	1.20
0.3	CFM							*4986*	*4785*	*4584*	4407	4229	4030	3831
	RPM							*779*	*760*	*740*	720	699	678	656
	kW							*2.00*	*1.82*	*1.64*	1.50	1.36	1.24	1.12
0.4	CFM							*4720*	4519	4317	4120	3922	3727	3532
	RPM							*783*	762	742	722	701	680	659
	kW							*1.90*	1.71	1.53	1.39	1.26	1.14	1.02
0.5	CFM						*4661*	4458	4265	4072	3858	3643	*3436*	*3229*
	RPM						*805*	786	765	744	724	703	*682*	*661*
	kW						*1.94*	1.76	1.59	1.42	1.29	1.15	*1.04*	*0.92*
0.6	CFM					*4637*	4445	4252	4037	3821	3569	*3316*		
	RPM					*827*	808	789	767	746	726	*706*		
	kW					*1.99*	1.82	1.64	1.48	1.32	1.18	*1.05*		
0.7	CFM					4394	4191	3988	3745	3502	*3238*			
	RPM					830	811	792	770	747	*728*			
	kW					1.88	1.70	1.53	1.36	1.20	*1.06*			
0.8	CFM				4350	4173	3916	3658	*3422*	*3186*				
	RPM				851	833	814	794	*773*	*751*				
	kW				1.93	1.76	1.57	1.39	*1.23*	*1.07*				
0.9	CFM			4254	4058	3861	3601	*3341*						
	RPM			870	853	836	816	*796*						
	kW			1.97	1.80	1.62	1.44	*1.26*						
1.0	CFM		4191	3982	3762	3542	*3270*							
	RPM		891	874	856	839	*816*							
	kW		1.99	1.81	1.64	1.47	*1.30*							
1.1	CFM		3892	3685	*3452*	*3218*								
	RPM		894	877	*860*	*843*								
	kW		1.83	1.65	*1.49*	*1.32*								
1.2	CFM	3861	3572	*3362*										
	RPM	913	897	*883*										
	kW	1.88	1.68	*1.51*										
1.3	CFM	3500	*3244*											
	RPM	915	*902*											
	kW	1.70	*1.52*											
1.4	CFM	*3191*												
	RPM	*917*												
	kW	*1.55*												

Values includes losses for: Unit Casing, 2" Disposable (Pleated) Filters & Dry Evaporator Coil
For operation at 208V: Deduct approximately 0.5% from Cfm

ACCESSORIES - 6, 7 1/2 AND 10 TON R6GP

Part #	Description	Weight	072	090	120
559914	Horizontal Supply & Return Kit	39	X	X	
547881	Horizontal Supply & Return Kit	49			X
547860	Hinged Roof Curb 8" High - K/D	70	X	X	X
547861	Hinged Roof Curb 14" High - K/D	125	X	X	X
547862	Hinged Roof Curb 18" High - K/D	155	X	X	X
547863	Hinged Roof Curb 24" High - K/D	220	X	X	X
559411	Hooded Hail Guard	62	n/a	X	
558857	Hooded Hail Guard	62			X
547864	0-35% Manual Outside Air Damper	30	X	X	
547874	0-35% Manual Outside Air Damper	41			X
547865	0-35% Motorized Damper - Only (Requires 547864 OR 547874)	15	X	X	X
559375	Economizer - Modulating w/ Relief, Adapts Horizontal, Enthalpy Control	125	X	X	
559374	Economizer - Modulating w/ Relief, Adapts Horizontal, Enthalpy Control	181			X
920233	Sensor, Enthalpy, C7400A (For Economizer Differential Enthalpy Control)		X	X	X
547848	CO2 Sensor for economizer control - 4-9v dc		X	X	X
547867	Power Exhaust - Prop (208/230V - 3Ø), Adapts Horizontal **See Note**	143	X	X	
547868	Power Exhaust - Prop (460V - 3Ø), Adapts Horizontal **See Note**	143	X	X	
547876	Power Exhaust - Prop (208/230V - 3Ø), Adapts Horizontal **See Note**	152			X
547877	Power Exhaust - Prop (460V - 3Ø), Adapts Horizontal **See Note**	152			X
547869	20" Supply & Return Transition Round	38	X	X	
547870	20" Flush Mount Concentric Diffuser Round	154	X	X	
547871	20" Step Down Concentric Diffuser Round	157	X	X	
547878	18" x 28" Supply & Return Transition	36			X
547879	18" x 28" Flush Mount Concentric Diffuser	162			X
547880	18" x 28" Step Down Concentric Diffuser	193			X
558863	Duct Smoke Detector Photo Elect.	3	X	X	X
558866	Duct Smoke Detector, Remote Multi-signal control SSK 451	1	X	X	X
558864	Smoke Detector Sampling Tube DST3, 2-4 ft.		X	X	X
558865	Smoke Detector Sampling Tube DST5, 4-8 ft.		X	X	X
920463	Low Ambient Kit		X	X	X
920612	Natural Gas - High Altitude Application Kit		X	X	X
920610	LP Gas - Conversion & High Altitude Application Kit		X	X	X
920465	Bottom Power Entry Kit	7	X	X	
917165	Bottom Power Entry Kit	7			X
920619	Thermostat-3 Stage Heat/2 Stage Cool		X	X	X
920937	Flue Exhaust Extension Kit	10	X	X	X

Note:
Requires separate branch circuit, see table Electrical Data For Power Exhaust Accessory Kits, page 12.

Accessory Performance Data

R6GP	Air Volume (CFM)	Total Resistance (inches water column) †								
		Wet Evaporator Coil	Down Flow Economizer	Horizontal Economizer	Step Down Diffuser System				Flush Mount	
					2 Ends Open	2 Ends Open w/1 Side Open	2 Ends Open w/2 Sides Open	Throw ‡ (Ft)	Diffuser System	Throw ‡ (Ft)
-072* & -090*	2200	0.08	0.20	0.03	0.15	0.14	0.13	20-24	0.11	17-25
	2400	0.10	0.25	0.04	0.16	0.16	0.13	22-27	0.13	18-26
	2600	0.12	0.30	0.04	0.20	0.20	0.15	24-29	0.17	19-26
	2800	0.14	0.35	0.04	0.25	0.25	0.20	25-30	0.20	20-28
	3000	0.16	0.40	0.04	0.30	0.30	0.25	27-33	0.25	21-29
	3200	0.18	0.45	0.05	0.40	0.38	0.30	28-35	0.31	22-29
	3400	0.20	0.50	0.05	0.50	0.46	0.40	30-37	0.37	22-30
	3600	0.22	0.55	0.05	0.60	0.55	0.50	32-39	0.43	23-31
-120*	3600	0.12	0.20	0.04	0.35	0.25	0.20	25-33	0.17	22-29
	3800	0.13	0.22	0.04	0.40	0.30	0.25	27-35	0.18	22-30
	4000	0.14	0.24	0.04	0.45	0.35	0.30	29-37	0.21	24-33
	4200	0.16	0.27	0.05	0.50	0.40	0.35	32-40	0.24	26-35
	4400	0.18	0.30	0.05	0.55	0.45	0.40	34-42	0.27	28-37
	4600	0.20	0.33	0.05	0.60	0.50	0.45	36-44	0.30	30-39

† Pressure drop data are approximate values to allow for use in all design conditions.

‡ The distance the air from the grille travels from the diffuser before it slows down to 50 ft. per minute. All sides open.



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GENERAL TERMS OF LIMITED WARRANTY

Nortek Global HVAC LLC will furnish a replacement for any part of this product which fails in normal use and service within the terms and conditions of the warranty.

For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the Nortek Global HVAC LLC warranty department for a copy.

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757D-0315 (Replaces 757D-0914)