RKG RADIANT CONE GAS BURNER

			MODEL NUMBER					
SPECIFICATIONS			**112**	**115**	**120**	**125**	**130**	**140**
HIGH FIRE	**Max. Input @ 10% Excess Air**	**(Btu/hr)**	**177,500**	**432,300**	**658,200**	**952,500**	**1,344,000**	**2,310,000**
	Max. Air Flow @ 16 osig	(scfh)	1,840	4,480	6,820	9,870	13,930	23,960
	Min. Input @ Max. Air Flow	(Btu/hr)	45,420	108,100	144,800	275,800	359,900	620,400
	Max. Excess Air	(%)	330	340	400	280	310	175
	Flame Length @ Max. Input	(in.)	6	7	7	8	9	10
LOW FIRE	**Max. Input @ 10% Excess Air**	**(Btu/hr)**	**43,940**	**108,100**	**177,500**	**232,500**	**340,700**	**577,100**
	Air Flow @ 1 osig	(scfh)	455	1,120	1,840	2,410	3,530	5,980
	Min. Input @ Air Flow	(Btu/hr)	12,720	26,680	32,050	75,270	76,510	176,300
	Max. Excess Air	(%)	280	345	510	240	390	240

NOTES:

1. Capacities based on natural gas with HHV of 1034 Btu/ft^3, 0.59 S.G., and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 60°F @ sea level.
3. Static air pressures measured at the burner air inlet pressure tap.
4. Flame lengths measured from the end of the refractory tile.
5. All data based on industry standard air and gas piping practices.
6. Flame detection available via flame rod or UV scanner.
7. Burners can be operated up to a static inlet air pressure of 20 osig; consult Hauck.

(See Reverse Side for Metric Capacities)

METRIC CAPACITIES

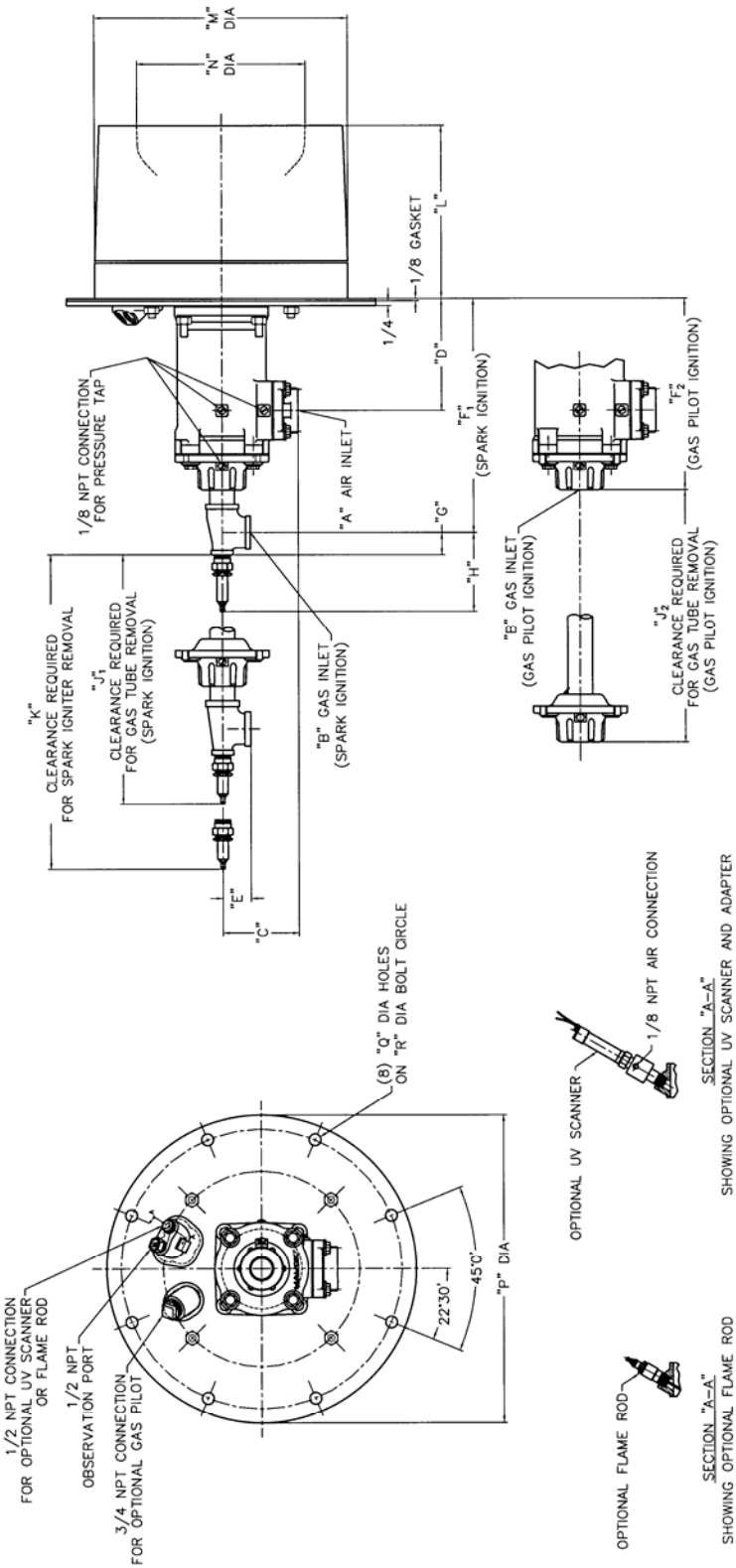
RKG RADIANT CONE GAS BURNER

		MODEL NUMBER					
SPECIFICATIONS		**112**	**115**	**120**	**125**	**130**	**140**
HIGH FIRE	**Max. Input @ 10% Excess Air (kW)**	**46.9**	**114**	**174**	**251**	**355**	**611**
	Max. Air Flow @ 6,900 Pa (nm^3/hr)	49.3	120	183	264	373	641
	Min. Input @ Max. Air Flow (kW)	12.0	28.6	38.4	72.8	95.6	164
	Max. Excess Air (%)	330	340	400	280	310	175
	Flame Length @ Max. Input (mm)	150	175	175	200	230	255
LOW FIRE	**Max. Input @ 10% Excess Air (kW)**	**11.6**	**28.6**	**47.0**	**61.5**	**90.0**	**152**
	Air Flow @ 430 Pa (nm^3/hr)	12.2	30.0	49.3	64.6	94.5	160
	Min. Input @ Air Flow (kW)	3.4	7.1	8.5	19.9	20.2	46.6
	Max. Excess Air (%)	280	345	510	240	390	240

NOTES:

1. Capacities based on natural gas with LHV of 36.74 MJ/nm^3, 0.59 S.G., and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 0°C @ sea level.
3. Static air pressures measured at the burner air inlet pressure tap.
4. Flame lengths measured from the end of the refractory tile.
5. All data based on industry standard air and gas piping practices.
6. Flame detection available via flame rod or UV scanner.
7. Burners can be operated up to 8,620 Pa static air inlet pressure; consult Hauck.

RKG RADIANT CONE GAS BURNER



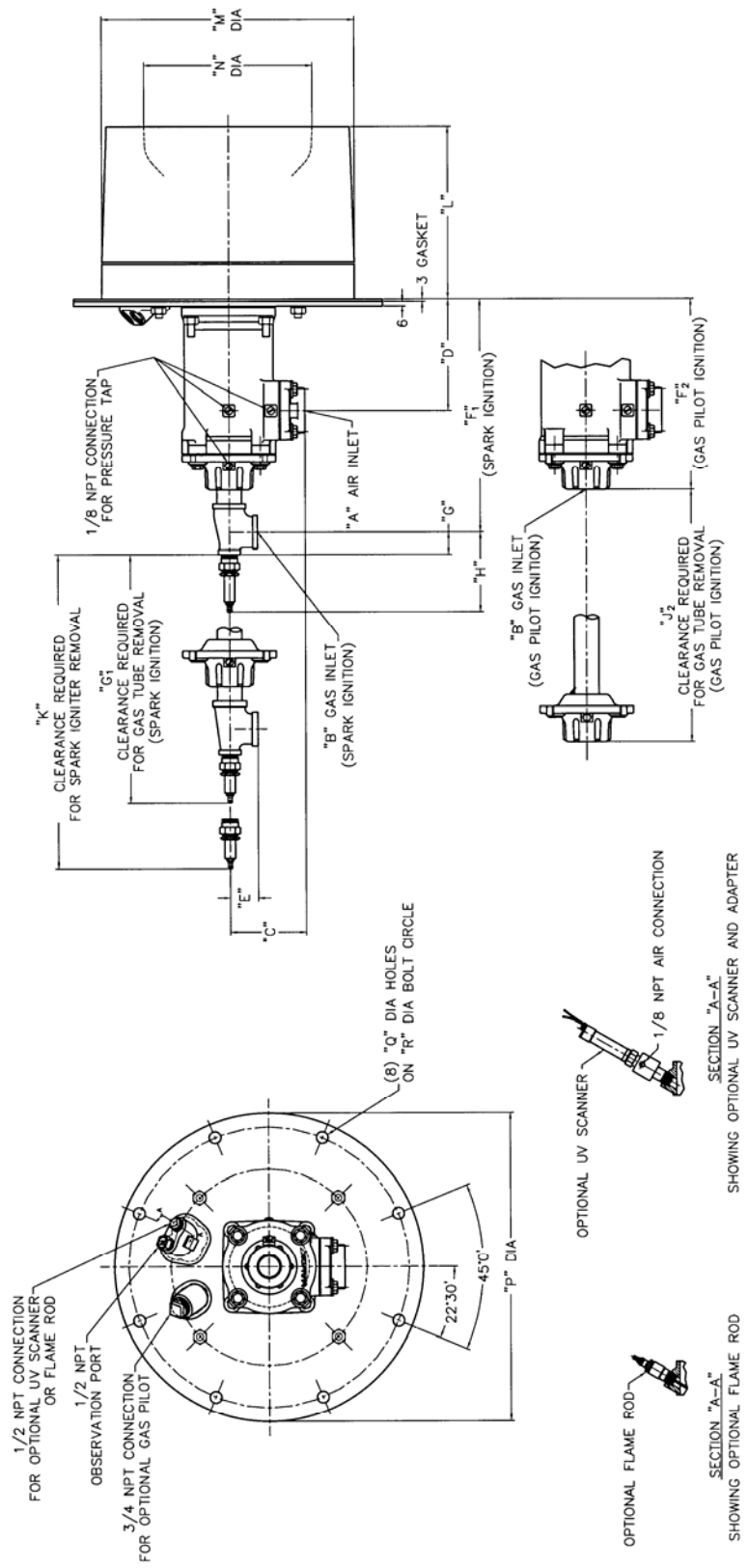
MODEL NO.	A	B	C	D	E	F_1	F_2	G	H	J_1	J_2	K	L	M	N	P	Q	R
RKG 112B	1 1/4 NPT	1 NPT	4 1/16	6	1 1/2	12 3/4	10 1/4	1 3/16	4 1/4	13 1/4	9 15/16	18 3/4	9 1/4	13 1/2	9	16 1/2	5/8	15
RKG 115B	1 1/2 NPT				1 3/4	12 13/16	10 5/16	1 9/16	3 15/16	12 3/4	10 13/16		10 1/8	15	10 1/8	19		17
RKG 120B	2 NPT	1 1/4 NPT	4 9/16		1 15/16	13		1 11/16	3 3/4	12 7/16								
RKG 125B	2 1/2 NPT	1 1/2 NPT	4 11/16		2 1/4	17 5/16	14 1/16	1 7/8	4 7/8	16 7/8	13 5/8	23 7/8	9 1/8	18 3/4	14 1/4	21 3/4		20 1/4
RKG 130C	3 NPT	2 NPT	5 15/16	8 1/2	2 11/16	17 7/8		2 3/16	4 5/16	16								
RKG 140C	4 NPT	2 1/2 NPT	8 1/16															

Y7284
(NOT TO SCALE)

(See Reverse Side for Metric Dimensions)

METRIC
DIMENSIONS

RKG RADIANT CONE GAS BURNER



MODEL NO.	A	B	C	D	E	F_1	F_2	G	H	J_1	J_2	K	L	M	N	P	Q	R
RKG 112B	1 1/4 NPT	1 NPT	103	152	38	324	260	30	108	337	252	476	235	343	229	419	16	381
RKG 115B	1 1/2 NPT																	
RKG 120B	2 NPT	1 1/4 NPT	116		44	325	262	40	100	324	275		257	381	257	483		432
RKG 125B	2 1/2 NPT	1 1/2 NPT	119		49	330		43	95	316								
RKG 130C	3 NPT	2 NPT	151	216	57	440	357	48	124	429	346	606	232	476	362	552		514
RKG 140C	4 NPT	2 1/2 NPT	205		68	454		56	110	406								

Y7284 METRIC
(NOT TO SCALE)

NOTES:
1. DIMENSIONS ARE IN MM

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 112B

		STATIC AIR PRESSURE (OSIG) AT BURNER INLET TAP					
		1 OSIG	**4 OSIG**	**8 OSIG**	**12 OSIG**	**16 OSIG**	**20 OSIG**
Burner Input @ 10% Excess Air	**(Btu/hr)**	**43,950**	**88,820**	**125,400**	**153,400**	**177,500**	**198,800**
Max. Air Flow (Not Firing)	(scfh)					---	
Max. Air Flow	(scfh)	455	920	1,300	1,590	1,840	2,060
Burner Air Orifice •P	("wc)	---	---	---	---	---	---
Gas Inlet Pressure	("wc)	---	---	---	---	3.1	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	280	330	340	340	330	330
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(in.)	---	---	---	---	6	---
Flame Diameter	(in.)	---	---	---	---	---	---
Min. Ignition Gas Flow	(scfh)	12	21	29	36	42	47

NOTES:
1. Capacities based on natural gas with HHV of 1034 Btu/ft^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 60°F @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

(See Reverse Side for Metric Data)

METRIC DATA

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 112B

		STATIC AIR PRESSURE (Pa) AT BURNER INLET TAP					
		430 Pa	**1725 Pa**	**3450 Pa**	**5170 Pa**	**6900 Pa**	**8620 Pa**
Burner Input @ 10% Excess Air	**(kW)**	**11.6**	**23.4**	**33.2**	**40.6**	**46.9**	**52.6**
Max. Air Flow (Not Firing)	(nm^3/hr)					---	
Max. Air Flow	(nm^3/hr)	12.2	24.6	34.8	42.6	49.3	55.2
Burner Air Orifice •P	(Pa)	---	---	---	---	---	---
Gas Inlet Pressure	(Pa)	---	---	---	---	770	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	280	330	340	340	330	330
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(mm)	---	---	---	---	150	---
Flame Diameter	(mm)	---	---	---	---	---	---
Min. Ignition Gas Flow	(nm^3/hr)	0.3	0.6	0.8	1.0	1.1	1.3

NOTES:

1. Capacities based on natural gas with LHV of 36.74 MJ/nm^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 0°C @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 115B

		STATIC AIR PRESSURE (OSIG) AT BURNER INLET TAP					
		1 OSIG	**4 OSIG**	**8 OSIG**	**12 OSIG**	**16 OSIG**	**20 OSIG**
Burner Input @ 10% Excess Air	**(Btu/hr)**	**108,000**	**214,200**	**306,000**	**374,400**	**432,300**	**484,400**
Max. Air Flow (Not Firing)	(scfh)					**---**	
Max. Air Flow	(scfh)	1,120	2,220	3,170	3,380	4,480	5,020
Burner Air Orifice •P	("wc)	---	---	---	---	---	---
Gas Inlet Pressure	("wc)	---	---	---	---	8.3	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	340	390	380	380	340	350
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(in.)	---	---	---	---	7	---
Flame Diameter	(in.)	---	---	---	---	---	---
Min. Ignition Gas Flow	(scfh)	25	45	65	80	100	110

NOTES:

1. Capacities based on natural gas with HHV of 1034 Btu/ft^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 60°F @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

(See Reverse Side for Metric Data)

METRIC DATA

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 115B

		STATIC AIR PRESSURE (Pa) AT BURNER INLET TAP					
		430 Pa	**1725 Pa**	**3450 Pa**	**5170 Pa**	**6900 Pa**	**8620 Pa**
Burner Input @ 10% Excess Air	**(kW)**	**28.6**	**56.7**	**80.9**	**99.1**	**114**	**129**
Max. Air Flow (Not Firing)	(nm^3/hr)					---	
Max. Air Flow	(nm^3/hr)	30.0	59.5	84.9	104	120	135
Burner Air Orifice •P	(Pa)	---	---	---	---	---	---
Gas Inlet Pressure	(Pa)	---	---	---	---	2,060	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	340	390	380	380	340	310
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(mm)	---	---	---	---	175	---
Flame Diameter	(mm)	---	---	---	---	---	---
Min. Ignition Gas Flow	(nm^3/hr)	0.7	1.2	1.7	2.1	2.7	2.9

NOTES:

1. Capacities based on natural gas with LHV of 36.74 MJ/nm^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 0°C @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 120B

		STATIC AIR PRESSURE (OSIG) AT BURNER INLET TAP					
		1 OSIG	**4 OSIG**	**8 OSIG**	**12 OSIG**	**16 OSIG**	**20 OSIG**
Burner Input @ 10% Excess Air	**(Btu/hr)**	**177,500**	**311,800**	**442,900**	**557,800**	**658,200**	**720,900**
Max. Air Flow (Not Firing)	(scfh)					**---**	
Max. Air Flow	(scfh)	1,840	3,230	4,590	5,780	6,820	7,470
Burner Air Orifice •P	("wc)	---	---	---	---	---	---
Gas Inlet Pressure	("wc)	---	---	---	---	2.1	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	510	480	470	400	400	390
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(in.)	---	---	---	---	7	---
Flame Diameter	(in.)	---	---	---	---	---	---
Min. Ignition Gas Flow	(scfh)	30	55	80	115	135	150

NOTES:

1. Capacities based on natural gas with HHV of 1034 Btu/ft^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 60°F @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

(See Reverse Side for Metric Data)

METRIC DATA

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 120B

		STATIC AIR PRESSURE (Pa) AT BURNER INLET TAP					
		430 Pa	**1725 Pa**	**3450 Pa**	**5170 Pa**	**6900 Pa**	**8620 Pa**
Burner Input @ 10% Excess Air	**(kW)**	**47.0**	**82.4**	**117**	**148**	**174**	**191**
Max. Air Flow (Not Firing)	(nm^3/hr)					---	
Max. Air Flow	(nm^3/hr)	49.3	86.5	123	155	183	200
Burner Air Orifice •P	(Pa)	---	---	---	---	---	---
Gas Inlet Pressure	(Pa)	---	---	---	---	520	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	510	480	470	400	400	390
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(mm)	---	---	---	---	175	---
Flame Diameter	(mm)	---	---	---	---	---	---
Min. Ignition Gas Flow	(nm^3/hr)	0.8	1.5	2.1	3.1	3.6	4.0

NOTES:

1. Capacities based on natural gas with LHV of 36.74 MJ/nm^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 0°C @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 125B

		STATIC AIR PRESSURE (OSIG) AT BURNER INLET TAP					
		1 OSIG	**4 OSIG**	**8 OSIG**	**12 OSIG**	**16 OSIG**	**20 OSIG**
Burner Input @ 10% Excess Air	**(Btu/hr)**	**232,500**	**465,200**	**658,200**	**819,300**	**952,500**	**1,042,000**
Max. Air Flow (Not Firing)	(scfh)					---	
Max. Air Flow	(scfh)	2,410	4,820	6,820	8,490	9,870	10,800
Burner Air Orifice •P	("wc)	---	---	---	---	---	---
Gas Inlet Pressure	("wc)	---	---	---	---	3.2	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	240	240	270	300	280	260
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(in.)	---	---	---	---	8	---
Flame Diameter	(in.)	---	---	---	---	---	---
Min. Ignition Gas Flow	(scfh)	70	140	185	210	260	300

NOTES:
1. Capacities based on natural gas with HHV of 1034 Btu/ft^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 60°F @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

(See Reverse Side for Metric Data)

METRIC DATA

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 125B

		STATIC AIR PRESSURE (Pa) AT BURNER INLET TAP					
		430 Pa	**1725 Pa**	**3450 Pa**	**5170 Pa**	**6900 Pa**	**8620 Pa**
Burner Input @ 10% Excess Air	**(kW)**	**61.5**	**123**	**174**	**216**	**251**	**275**
Max. Air Flow (Not Firing)	(nm^3/hr)					---	
Max. Air Flow	(nm^3/hr)	64.6	129	183	227	264	289
Burner Air Orifice •P	(Pa)	---	---	---	---	---	---
Gas Inlet Pressure	(Pa)	---	---	---	---	800	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	240	240	270	300	280	260
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(mm)	---	---	---	---	200	---
Flame Diameter	(mm)	---	---	---	---	---	---
Min. Ignition Gas Flow	(nm^3/hr)	1.9	3.8	5.0	5.6	7.0	8.0

NOTES:

1. Capacities based on natural gas with LHV of 36.74 MJ/nm^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 0°C @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 130C

		STATIC AIR PRESSURE (OSIG) AT BURNER INLET TAP					
		1 OSIG	**4 OSIG**	**8 OSIG**	**12 OSIG**	**16 OSIG**	**20 OSIG**
Burner Input @ 10% Excess Air	**(Btu/hr)**	**340,700**	**682,300**	**974,800**	**1,167,000**	**1,344,000**	**1,500,000**
Max. Air Flow (Not Firing)	(scfh)					---	
Max. Air Flow	(scfh)	3,530	7,070	10,100	12,100	13,930	15,550
Burner Air Orifice •P	("wc)	---	---	---	---	---	---
Gas Inlet Pressure	("wc)	---	---	---	---	2.7	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	390	330	310	310	310	310
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(in.)	---	---	---	---	9	---
Flame Diameter	(in.)	---	---	---	---	---	---
Min. Ignition Gas Flow	(scfh)	70	160	245	285	335	350

NOTES:
1. Capacities based on natural gas with HHV of 1034 Btu/ft^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 60°F @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

(See Reverse Side for Metric Data)

METRIC DATA

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 130C

		STATIC AIR PRESSURE (Pa) AT BURNER INLET TAP					
		430 Pa	**1725 Pa**	**3450 Pa**	**5170 Pa**	**6900 Pa**	**8620 Pa**
Burner Input @ 10% Excess Air	**(kW)**	**90.0**	**180**	**258**	**309**	**355**	**397**
Max. Air Flow (Not Firing)	(nm^3/hr)					---	
Max. Air Flow	(nm^3/hr)	93.5	189	271	324	373	417
Burner Air Orifice •P	(Pa)	---	---	---	---	---	---
Gas Inlet Pressure	(Pa)	---	---	---	---	670	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	390	330	310	310	310	310
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(mm)	---	---	---	---	230	---
Flame Diameter	(mm)	---	---	---	---	---	---
Min. Ignition Gas Flow	(nm^3/hr)	1.9	4.3	6.6	7.6	9.0	9.4

NOTES:

1. Capacities based on natural gas with LHV of 36.74 MJ/nm^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 0°C @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

RKG RADIANT CONE GAS BURNER

BURNER MODEL RKG 140C

		STATIC AIR PRESSURE (OSIG) AT BURNER INLET TAP					
		1 OSIG	**4 OSIG**	**8 OSIG**	**12 OSIG**	**16 OSIG**	**20 OSIG**
Burner Input @ 10% Excess Air	**(Btu/hr)**	**577,100**	**1,153,000**	**1,632,000**	**2,000,000**	**2,310,000**	**2,602,000**
Max. Air Flow (Not Firing)	(scfh)					---	
Max. Air Flow	(scfh)	5,980	11,950	16,910	20,720	23,930	26,960
Burner Air Orifice •P	("wc)	---	---	---	---	---	---
Gas Inlet Pressure	("wc)	---	---	---	---	5.0	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	240	275	200	200	175	175
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(in.)	---	---	---	---	10	---
Flame Diameter	(in.)	---	---	---	---	---	---
Min. Ignition Gas Flow	(scfh)	175	300	Will not Ignite	Will not Ignite	Will not Ignite	Will not Ignite

NOTES:
1. Capacities based on natural gas with HHV of 1034 Btu/ft^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 60°F @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

(See Reverse Side for Metric Data)

METRIC DATA

RKG RADIANT CONE GAS BURNER

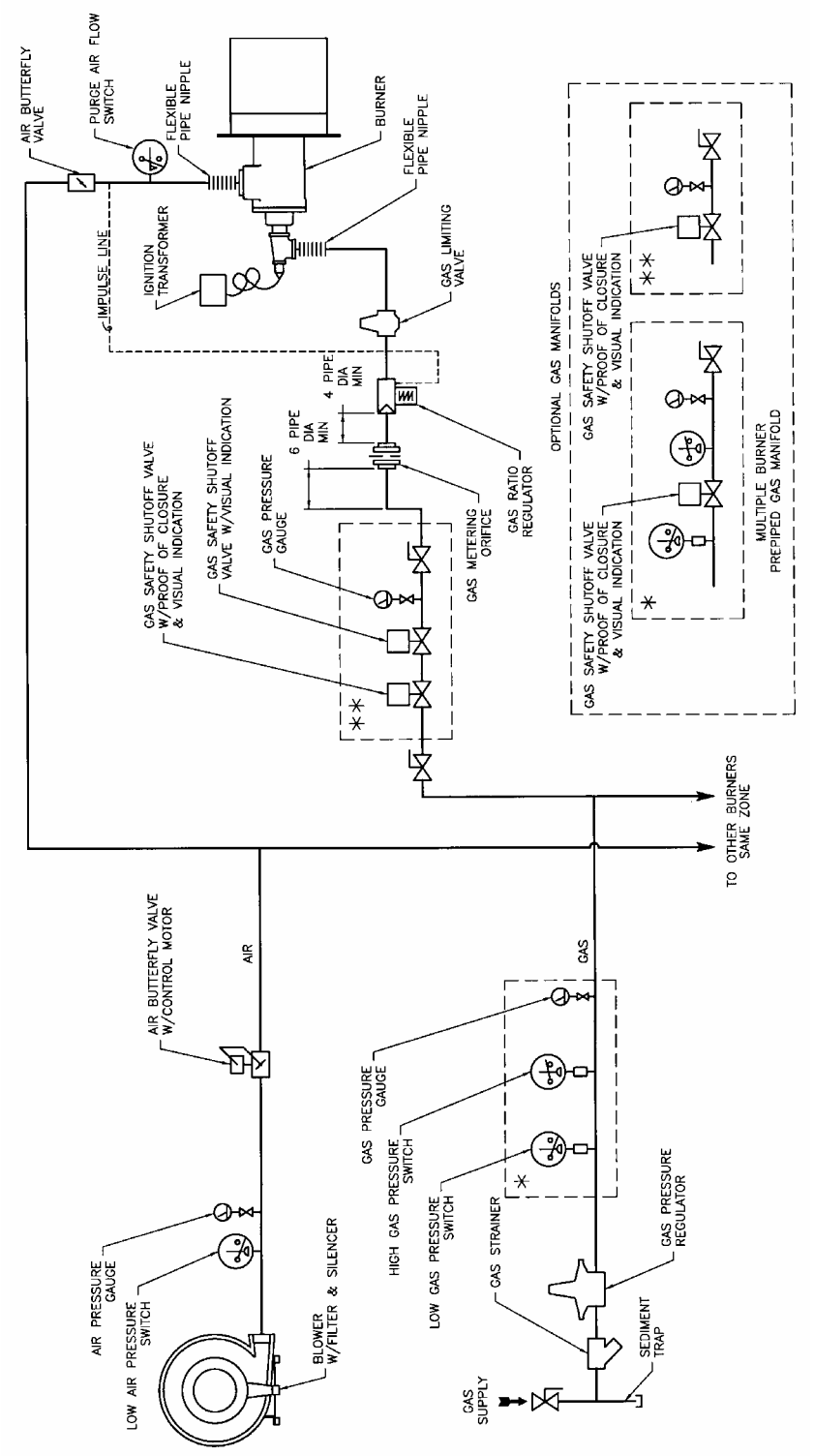
BURNER MODEL RKG 140C

		STATIC AIR PRESSURE (Pa) AT BURNER INLET TAP					
		430 Pa	**1725 Pa**	**3450 Pa**	**5170 Pa**	**6900 Pa**	**8620 Pa**
Burner Input @ 10% Excess Air	**(kW)**	**152**	**305**	**431**	**529**	**611**	**688**
Max. Air Flow (Not Firing)	(nm^3/hr)					---	
Max. Air Flow	(nm^3/hr)	160	320	453	555	641	722
Burner Air Orifice •P	(Pa)	---	---	---	---	---	---
Gas Inlet Pressure	(Pa)	---	---	---	---	1,240	---
Max. Excess Air – Flame Rod	(%)	---	---	---	---	---	---
Max. Excess Air – UV Scanner	(%)	240	275	200	200	175	175
Max. Excess Fuel	(%)	---	---	---	---	---	---
Flame Length	(mm)	---	---	---	---	255	---
Flame Diameter	(mm)	---	---	---	---	---	---
Min. Ignition Gas Flow	(nm^3/hr)	4.7	8.0	Will not Ignite	Will not Ignite	Will not Ignite	Will not Ignite

NOTES:
1. Capacities based on natural gas with LHV of 36.74 MJ/nm^3, 0.59 S.G. and a stoichiometric air/gas ratio of 9.74:1 with burner firing into chamber under no pressure.
2. Air and gas flows based on 0°C @ sea level; capacities for preheated air will differ from those shown.
3. Flame lengths measured from the end of the refractory tile.
4. All data based on industry standard air and gas piping practices.

RKG RADIANT CONE GAS BURNER

TYPICAL MULTIPLE BURNER SYSTEM RATIO CONTROL



X6421
(NOT TO SCALE)

NOTES:
1. OPTIONAL GAS MANIFOLDS ARE PERMITTED AS AN EXCEPTION PER NFPA 86 2003 EDITION REQUIREMENTS FOR MULTIPLE BURNERS FIRING INTO A COMMON HEATING CHAMBER. HOWEVER, SPECIAL FEATURES ARE REQUIRED IN THE ASSOCIATED CONTROL SYSTEM (SEE HAUCK APPLICATION SHEET GJ76).

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