



primoSchwank

High radiant factor heaters

GENERAL SPECIFICATIONS



primo-Schwank	BTUH INPUT	BTUH OUTPUT	
		IR HEAT OUTPUT*	CONVECTION*
10	37,500	24,600	12,900
15	56,000	35,400	20,600
20	75,000	49,000	26,000
30	113,000	76,500	36,500
40	150,000	98,000	52,000

***DEFINITIONS:**

ALL radiant heaters produce both radiant and convection heat.

Output IR Heat is the certified † infrared BTUH delivered to the application. primoSchwank delivers full spectrum of infrared energy from high to low-intensity. The unique characteristics of these different intensity wavelengths can be applied to a wide range of applications.

Output Convection is the amount of convection heat that rises from the heater and offsets the heat loss through the roof.

Comparison:

The unique high radiant factor primoSchwank 30 heater with an input of 113,000 BTU has the same infrared heat output as a conventional radiant heater with 218,600 BTU input

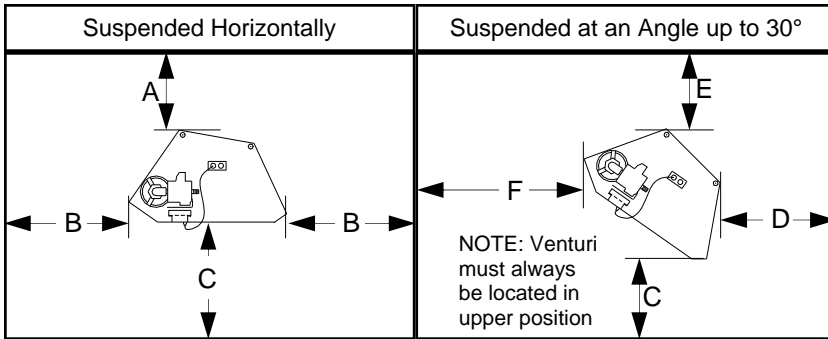
† Proof

Certification data available upon request.

FEATURES	BENEFITS
<ul style="list-style-type: none"> High efficiency 	<ul style="list-style-type: none"> Low operating costs Low installation costs
<ul style="list-style-type: none"> Produces and emits both high, and low-intensity infrared rays 	<ul style="list-style-type: none"> Full spectrum of IR rays utilizing their unique characteristics are directed to the application
<ul style="list-style-type: none"> Unique Delta Mixing Chamber design provides precise pressurized gas/air combustion mixture 	<ul style="list-style-type: none"> Uniform, complete and clean combustion across entire length of heater for high efficiency
<ul style="list-style-type: none"> Heater design ensures complete combustion of gas/air mixture with rapid heat transfer to unique Schwank ceramic tiles. We call this condition "Cold-state" combustion 	<ul style="list-style-type: none"> Negligible NOx for environmentally friendly appliance and maximum, safe, comfortable heat
<ul style="list-style-type: none"> Venturi tube built into double wall of reflector: <ul style="list-style-type: none"> Pre-heats combustion air Insulates reflector 	<ul style="list-style-type: none"> Raises efficiency Raises efficiency and permits smaller clearances in angle position
<ul style="list-style-type: none"> Each heater unit has one burner with a dedicated ignition and safety sensing system 	<ul style="list-style-type: none"> Eliminates possibility of non-ignition in multi-burner/one-igniter systems for ultimate safety and fuel efficiency
<ul style="list-style-type: none"> Full operating temperature and safe cool down reached in 60 seconds 	<ul style="list-style-type: none"> Instant heat and rapid cool down
<ul style="list-style-type: none"> Ceramic tile module identical throughout entire range of Schwank heaters, both luminous and low-intensity 	<ul style="list-style-type: none"> Time proven, environmentally friendly, high efficiency design
<ul style="list-style-type: none"> Aluminum Cold Bonded Clad Steel and advanced press-joint construction 	<ul style="list-style-type: none"> Permits full utilization of entrapped heat previously wasted Withstands corrosion for longer life

ENGINEERING SPECIFICATIONS

Minimum Clearances to Combustibles



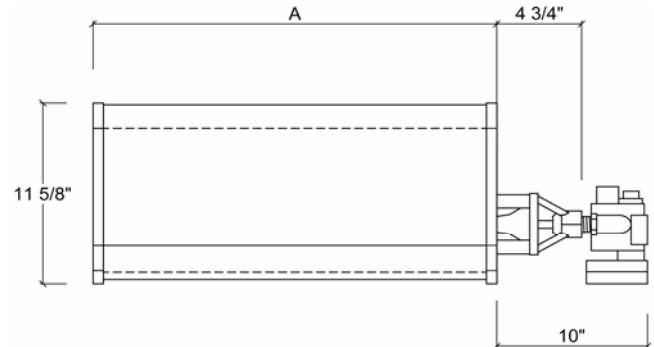
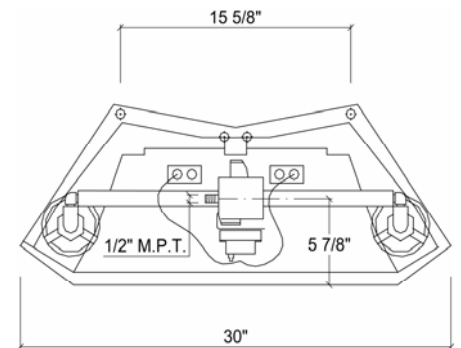
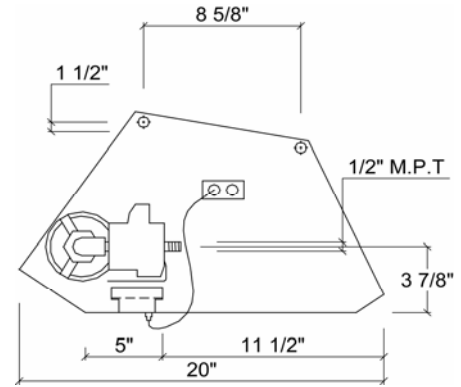
MODEL	Suspended Horizontally			Suspended at an Angle up to 30°		
	A	B	C	D	E	F
primoSchwank 10	18"	30"	90"	8"	24"	67"
primoSchwank 15	18"	30"	96"	8"	24"	66"
primoSchwank 20	18"	36"	100"	8"	24"	70"
primoSchwank 30	18"	42"	105"	8"	24"	74"
primoSchwank 40	26"	45"	110"	8"	48"	78"

MODEL	DIMENSION A	MIN MOUNTING HEIGHT
primoSchwank 10	23.75"	15"
primoSchwank 15	34.50"	18"
primoSchwank 20	45.62"	20"
primoSchwank 30	67.32"	24"
primoSchwank 40	45.62"	28-34"

GAS PRESSURE:		
LINE MINIMUM	6" W.C. N.G.	11" W.C. L.P.
LINE MAXIMUM	14" W.C. N.G.	14" W.C. L.P.
MANIFOLD	5" W.C. N.G.	10" W.C. L.P.

MODEL	CAPACITY (Btu/hr)			WEIGHT LBS
	INPUT	IR OUTPUT	CONVECTION HEAT	
primoSchwank 10	37,500	24,600	12,900	23.5
primoSchwank 15	56,000	35,400	20,600	33.6
primoSchwank 20	75,000	49,000	26,000	40.3
primoSchwank 30	113,000	76,500	36,500	54.9
primoSchwank 40	150,000	98,000	52,000	79

Dimensions



GAS INLET	1/2"		
ELECTRICAL	24VAC	60 HZ	0.55 AMPS



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