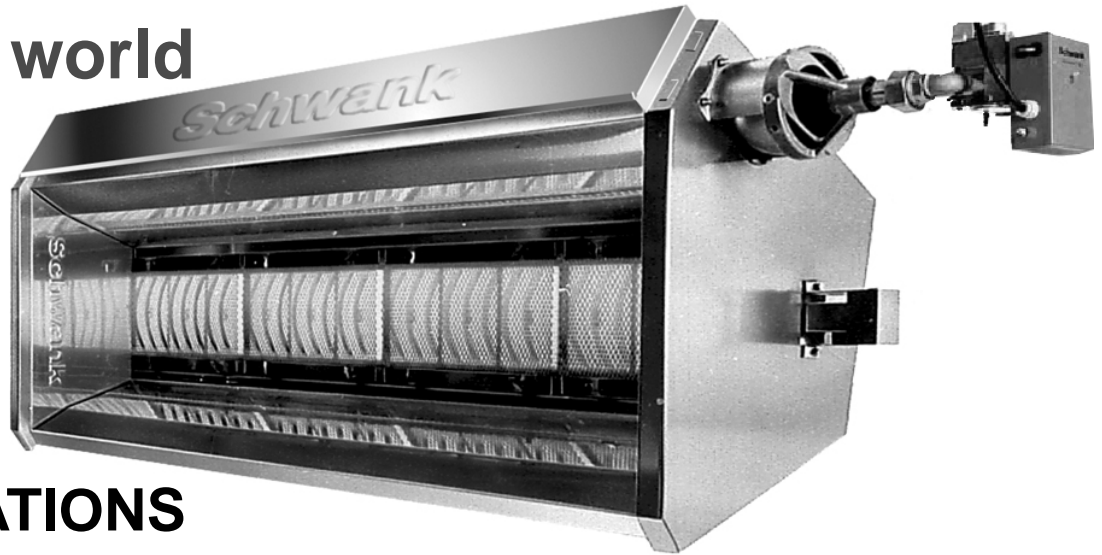


supraSchwank

The most efficient infrared heater in the world



GENERAL SPECIFICATIONS

MODEL	INPUT BTUH	IR HEAT OUTPUT
supraSchwank 10	29,500	22,800
supraSchwank 15	44,000	34,600
supraSchwank 20	59,000	46,700
supraSchwank 30	88,500	71,800
supraSchwank 40	118,000	95,800

***DEFINITION**

Output IR Primary means the certified † infrared primary BTU's delivered to the application. Unit 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.

Comparison:

The unique high radiant factor supraSchwank 30 heater with an input of 88,500 BTUH has the same infrared output as a conventional IR heater with 205,000 BTUH input

The industry invariably uses the commonly accepted gas combustion efficiency to rate all its products. supraSchwank leads the industry with a combustion efficiency of 96%. However, this figure does not relate to the effectiveness of an IR heater to convert gas input to infrared energy that is delivered to the work level to provide comfort.

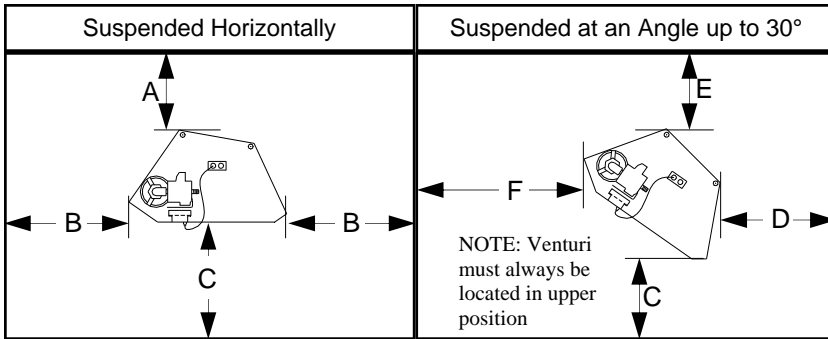
The supraSchwank patented heater design converts 81% of the gas input into infrared energy which heats the working level to the desired comfort temperature. The temperature at the ceiling will seldom exceed that at the working level. By comparison, conventional heaters produce ceiling temperatures as high as 120°F.

Schwank is proud to lead the industry with its this innovative German design which delivers the most infrared heat and comfort to the workspace for the lowest fuel cost.

FEATURES	BENEFITS
Combustion efficiency is 96%. Infrared component of the total gas output is 81%. This is the highest infrared conversion of any heater in the world	Lowest operating costs Lower installation costs: Fewer heaters Gas pipe sizes smaller
Innovative insulated construction reduces convection heat loss	Less heat energy lost at ceiling level
Produces and emits high and low intensity infrared rays	Full spectrum of infrared rays utilizing their unique characteristics are directed to the application
Unique Delta Mixing Chamber design produces precise pressurized gas/air combustion mixture	Uniform, complete and clean combustion across entire surface of heater for high efficiency
Burner design reduces pollution products	Negligible NOx for environmentally friendly appliance. Produces maximum, safe comfortable heat, no direct exhaust fans required.
Venturi tube built into insulated double wall of reflector: Preheats combustion air Insulates reflector	Increases efficiency Permits smaller clearances above the heater
Each heater has only one burner, dedicated ignition, and sensing system	Ultimate safety and fuel economy Eliminates possibility of non-ignition as in conventional multi-burner designs
Full operating temperature, and safe cool-down, reached in 60 seconds	Instant heat and rapid cool down
Ceramic tile modules identical throughout entire range of Schwank heater, both high and low-intensity	Time proven, environmentally friendly, high efficiency design Low maintenance
Aluminum, cold-bonded clad steel enclosure and advanced press-joint construction	Permits full utilization of entrapped heat previously lost Withstands corrosion for longer life
Refractory mesh reclaims energy from entrapped convection heat	Improves efficiency
Suitable for natural or propane gas	Universal application

ENGINEERING SPECIFICATIONS

Minimum Clearances to Combustibles



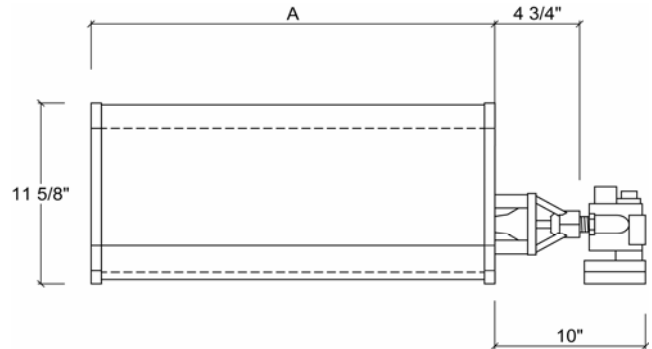
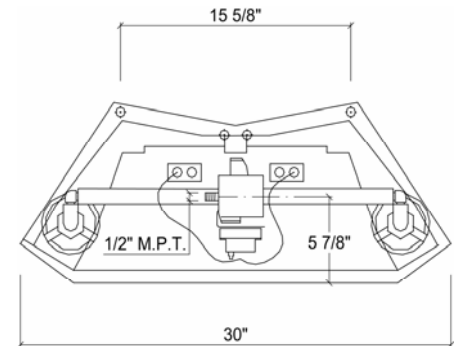
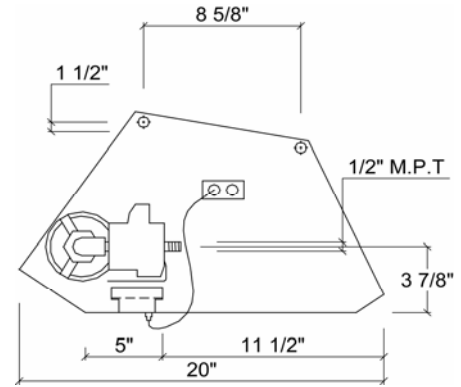
MODEL	Suspended Horizontally			Suspended at an Angle up to 30°		
	A	B	C	D	E	F
supraSchwank 10	16"	30"	90"	8"	24"	66"
supraSchwank 15	16"	30"	96"	8"	24"	66"
supraSchwank 20	16"	33"	100"	8"	24"	69"
supraSchwank 30	16"	36"	105"	8"	24"	72"
supraSchwank 40	16"	40"	110"	8"	48"	78"

MODEL	DIMENSION A	MIN MOUNTING HEIGHT
supraSchwank 10	23.87"	15"
supraSchwank 15	34.50"	18"
supraSchwank 20	45.75"	20"
supraSchwank 30	67.50"	24"
supraSchwank 40	45.75"	28-34"

GAS PRESSURE:		
LINE MINIMUM	6" W.C. N.G.	12" 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 HEAT OUTPUT	
supraSchwank 10	29,500	22,800	37
supraSchwank 15	44,000	34,600	53
supraSchwank 20	59,000	46,700	62
supraSchwank 30	88,500	71,800	82
supraSchwank 40	118,000	95,800	120

Dimensions



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



Canada
5285 Bradco Blvd.
Mississauga, ON L4W 2A6

U.S.A.
2 Schwank Way
Waynesboro, GA 30830

Customer & Technical Services

Tel: 877-446-3727
Fax: 866-361-0523

www.schwankgroup.com csr@schwankgroup.com