

AgRadiant

High Efficiency...Radiant Tube Heaters

Why Infra-red heating ?

AgRadiant infra-red tube heaters work in exactly the same way as the Earth receives heat from the Sun. The furnace burner heats the tube, causing infra-red rays (heat) to be produced. The reflector located on top of the tube directs the infra-red rays to heat floors and objects. AgRadiant tube heaters produce more radiant energy to the floor at lower air temperatures.

Benefits

Radiant Tube Heaters

- ✓ Heating from the floor up, instead of ceiling down
- ✓ Warms and dries floor, reduces airborne dust and draft free
- ✓ Quiet, clean, comfortable and 20% to 50% fuel savings.

Conventional Unit Heaters

- ✓ Heats the air around objects and people, from the ceiling down
- ✓ Higher temperature at the ceiling increases the heat-loss transfer thru the roof
- ✓ Large amounts of heat-loss means more furnace cycling and operating costs

Technical Specifications

Gas Supply (in W.C.)	Natural	Propane	Electrical	
Manifold pressure	3.5	10.5	120 Volt	60 cycle
Minimum inlet pressure	6.0	12.0	Starting Current	5.0 FLA
Maximum inlet pressure	14.0	14.0	Running Current	1.2 FLA
Gas Connection size	1/2"		Thermostat control	120 Volt
Combustion air inlet size	4" diameter		Ignition system	Direct
Vent connection size	4" diameter		Optional control	24 Volt