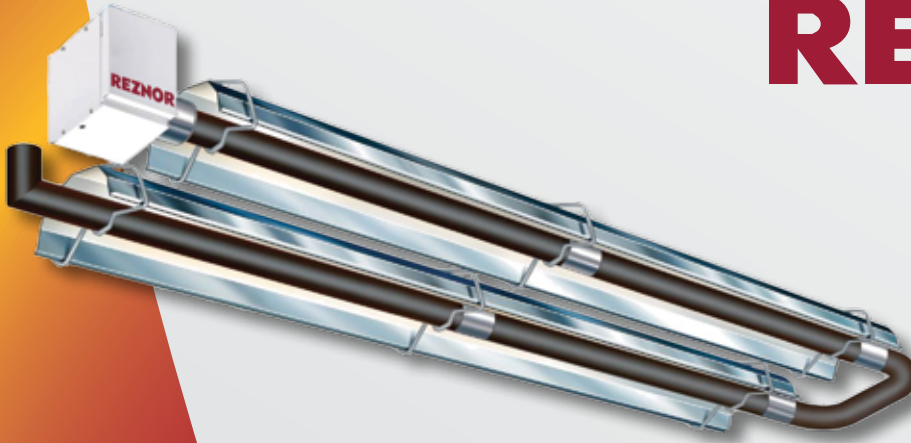


REZNOR®



GAS INFRARED HEATERS

APPLICATIONS

- » CAR WASHES
- » OUTDOOR PATIOS
- » LOADING DOCKS / SHIPPING
- » ARENAS
- » GYMNASIUMS
- » AIRPLANE HANGARS
- » ASSEMBLY LINES
- » AUTO REPAIR BAYS
- » FOOD PROCESSING / WASH-DOWN AREAS



Capacities

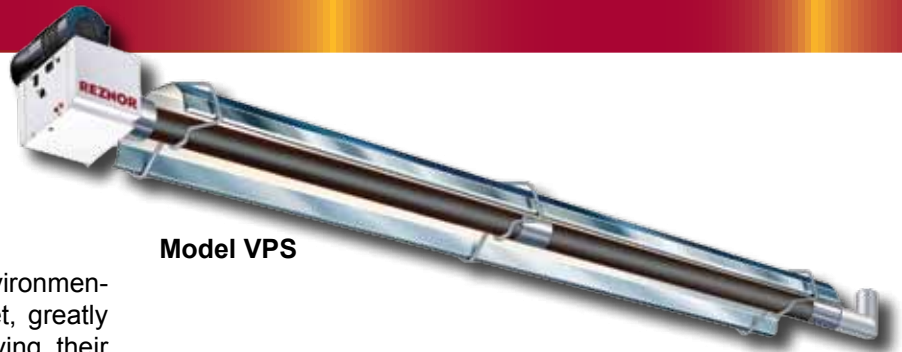


45 - 200

MBH

www.ReznorHVAC.com

Single-Stage Power Vented Heater



Model VPS

Reznor radiant heating is among the most environmentally friendly heating solutions on the market, greatly assisting industry and commerce in improving their overall energy performance and making a significant contribution to achieving compliance with the LEED (Leadership in Energy and Environmental Design) green building rating system, which encourages the adoption of green building practices.



Radiant heat achieves this because it:

- Supplies heat to occupied areas only
- Heats the work zone not the ceiling
- Reduces transfer of heat from the building envelope
- Speeds recovery when opening bay doors
- Delivers savings of 30% - 70%
- Offers significant electrical operation savings
- Simplifies electrical installation
- Lowers maintenance and service contract costs
- Can be zone controlled
- Lowers NOx emissions



Model VPS is a positive pressure heating system.

Units are available with Calcoat™ and/or rolled steel tubes.

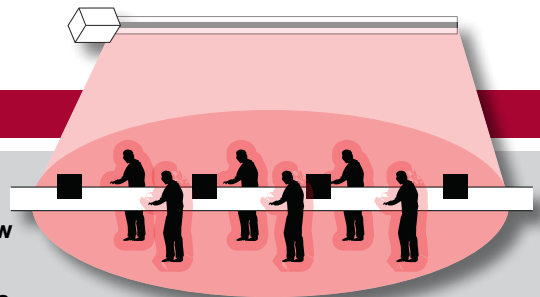
TECHNICAL DATA

Model VPS	60	80	100	125	150	170	200
Input Heating Capacity (MBH)	60	80	100	125	150	170	200
Length Range (Feet)	20 - 40	20 - 40	30 - 50	40 - 60	40 - 70	50 - 80	50 - 80
Supply Voltage	115/1/60 (call your Reznor Agent for availability of 208/1/60, 230/1/60 or 220/240/1/50)						
Recommended Minimum Mounting Height (Feet)	12	12	14	14	16	16	18

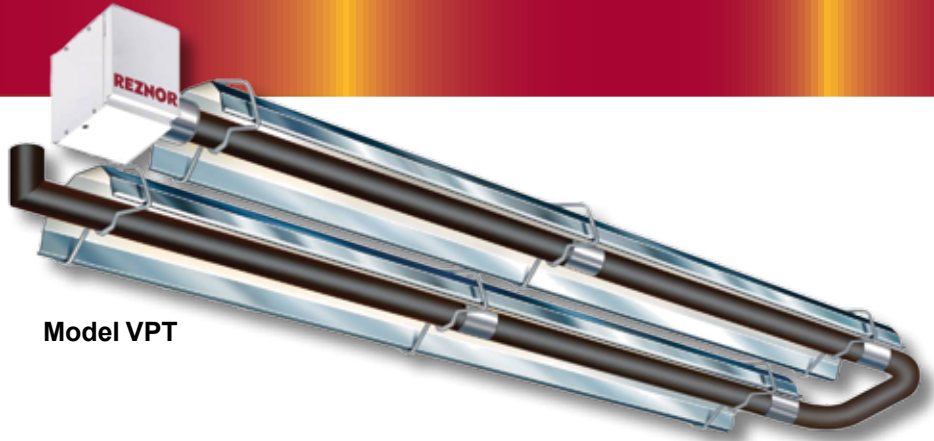
Heats Like the Sun

Working in the same way as the sun, radiant heat warms all solid objects and surfaces in its path through electromagnetic waves. Being mounted overhead, Reznor radiant heaters produce infrared heat that is directed downwards to low level by a reflector. Radiant heat:

- Is emitted by a hot surface
- Travels in straight lines
- Passes through the air without heating it
- Is absorbed by cooler solid objects on which it falls
- Effective in extremely high ceiling applications



Two -Stage Heaters



Model VPT



Reznor Model VPT offers the same great features found on Model VPS with the additional benefit of two-stage heating.

Two Stage Heating

- Better seasonal efficiency
- Deliver the right amount of heat when and where it is needed

TECHNICAL DATA

Model VPT		60	80	100	125	150	170	200
Input Heating Capacity (MBH)	High	60	80	100	125	150	170	200
	Low	45	55	65	95	125	125	145
Length Range (Feet)		20 - 40	30 - 40	30 - 40	30 - 50	40 - 60	50 - 70	50 - 70
Supply Voltage		115/1/60 (call your Reznor Agent for availability of 208/1/60, 230/1/60 or 220/240/1/50)						
Recommended Minimum Mounting Height (Feet)		11	11	13	13	15	15	15

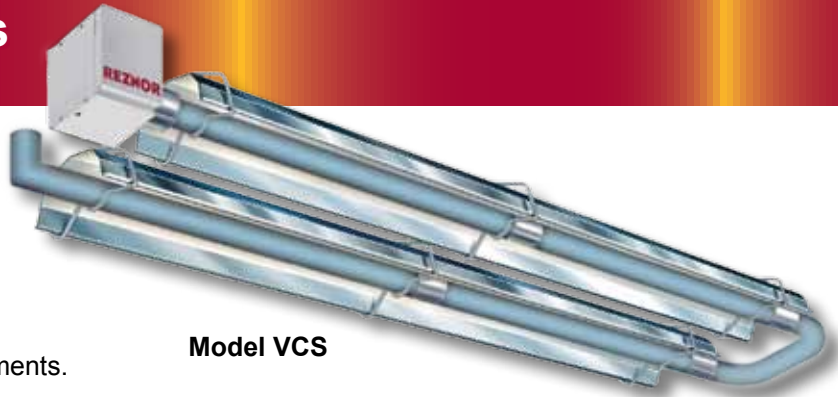
Reznor High Intensity Heater

High intensity infrared heaters employ a high surface temperature system creating a more intense source of heat. These heaters provide concentrated heating to a more targeted area. They are best at providing spot heating to areas such as loading docks, auto service bays, warehouse-store cash registers, discount club store entrance/exit, or other areas where large doors remain open or are opened frequently.

Because of the higher infrared intensity, these heaters can be installed at greater mounting heights. In many cases they can be mounted on ceiling rafters or framework attached to a wall.



Harsh Environment Heaters



Model VCS

INDOOR/OUTDOOR HEATERS!

Reznor VC Series can withstand humid environments. That's why it is nicknamed "The Car Wash Heater."

Robust Design

- Calcoat tubes
- Stainless steel reflectors
- Stainless steel couplers
- Enclosed stainless steel burner box contains
 - » Gas valve
 - » Burner
 - » Ignition system
 - » Power venters

The VC Series has an IPX5 protection rating, an international standard rating which quantifies the cabinet protection against the ingress of outside elements. Many website give more detail on the IP Rating. For more information, please run a web search.



More robust for installations not suited to conventional tube heaters:

- Car washes
- Outdoor patios
- Walkways
- Indoor swimming pools
- Outdoor markets
- Stadiums
- Smoking shelters
- Entry ways (melts snow)
- Water treatment plants
- Taxi stands
- Animal shelters (pig, poultry, dogs, cats)
- Food processing areas (wash-down)
- Subway entrance
- Bus/airport terminals
- Hotel entry ways
- Loading dock
- Textile factories (mildly dirty environment - use combustion air kit)

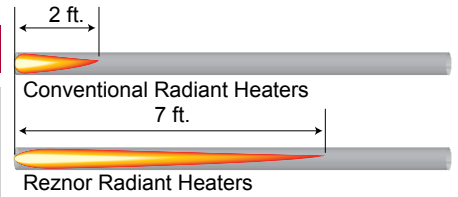
TECHNICAL DATA

Models VCS, VCT		60	80	100	125	150	170	200
Input Heating Capacity (MBH)	VCS or VCT High	60	80	100	125	150	170	200
	VCT Low	45	55	65	95	125	125	145
Length Range (Feet)		20 - 40	30 - 40	30 - 40	30 - 50	40 - 60	50 - 70	50 - 70
Supply Voltage		115/1/60 (call your Reznor Agent for availability of 208/1/60, 230/1/60 or 220/240/1/50)						
Recommended Minimum Mounting Height (Feet)		11	11	13	13	15	15	15

Latest Design Benefits

Reznor tubular heaters incorporate the latest, most advanced designs which provide

- Operation indicator lights
 - » Red light - power on
 - » One amber light - burner on
 - » Two amber lights - burner on high (two-stage heating units)
- Sturdy - minimal maintenance required
- Noise levels well below conventional radiant heaters [documented results as low as 47dB(A)]
- Peak flame temperature reduced - 40% reduction in NOx levels compared to conventional systems (two-stage heating units)



- More evenly distributed heating along the length of the system - longer, more effective flame (see illustration)

For complete catalog information including submittals, energy calculations, dimension drawings, and more go to www.ReznorHVAC.com or call 800-695-1901.

Note: In keeping with our policy of continuous product improvement, we reserve the right to alter, at any time, the design, construction, dimensions, weights, etc., of equipment information shown here.

