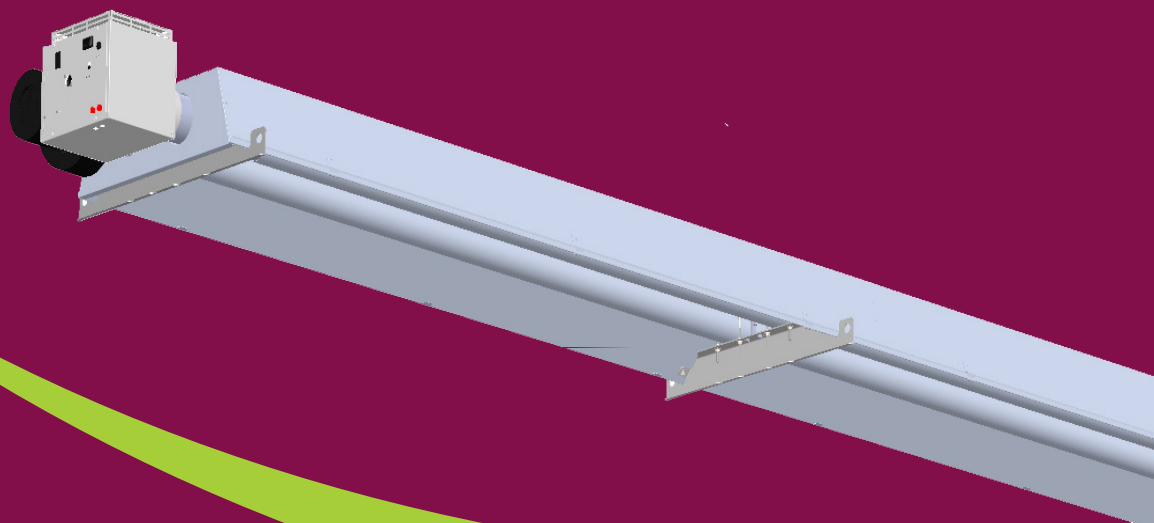


VISION VSE

RADIANT TUBE HEATING SYSTEMS



U-TUBE RADIANT HEATER

PRODUCT GUIDE

REZNOR®

BETTER HEAT DISTRIBUTION LOWER ENERGY BILLS

with high efficiency radiant heating.

The Vision VSE is our latest range of energy efficient radiant heating systems for industrial and commercial applications. The Vision VSE delivers superior performance and efficiency, whilst providing **running costs savings of up to 5% per year, per heater** in comparison to the previous Vision range* helping businesses improve energy efficiency, reduce carbon emissions and lower operational costs.

What makes the Vision VSE different?

The Vision VSE is engineered with a painted induced burner, aluminised steel reflector, durable end caps and a robust new canopy. Together, these high-quality components help deliver **seasonal efficiencies of up to 82%**.

Model Range

TYPE:

U-TUBE standard

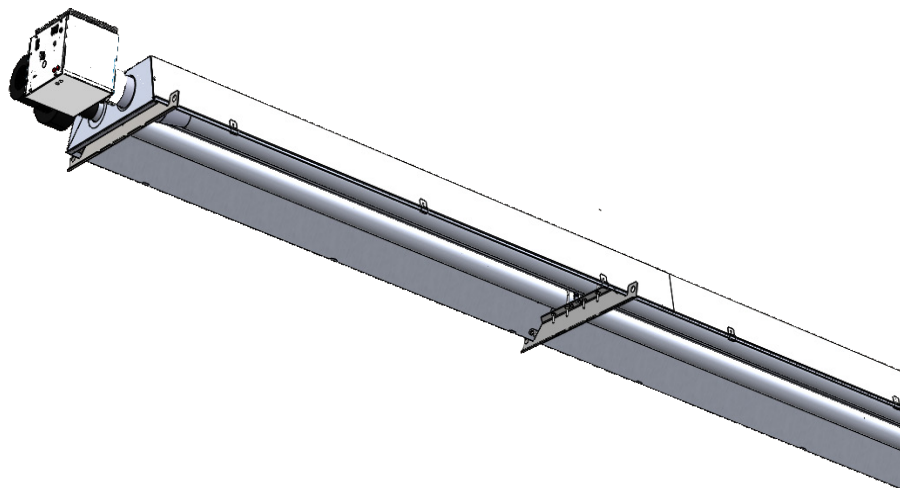
U-TUBE herringbone

HEAT INPUT kW:

20-40kW

FUEL:

Natural Gas



Features & Benefits	Applications
• CE & ISO9001 approved & various EN standards • ERP & Eco design legislation compliant • Quiet operation – (as quiet as 47 dB(A) 3m field) • Improved lifecycle value and ROI • Reduction in carbon emissions	• Aircraft hangers • Automotive workshops & showrooms • Factories & warehouses • Retail outlets • Sports arenas & halls

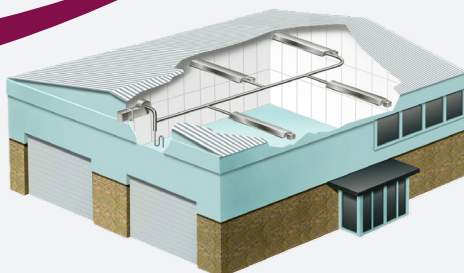
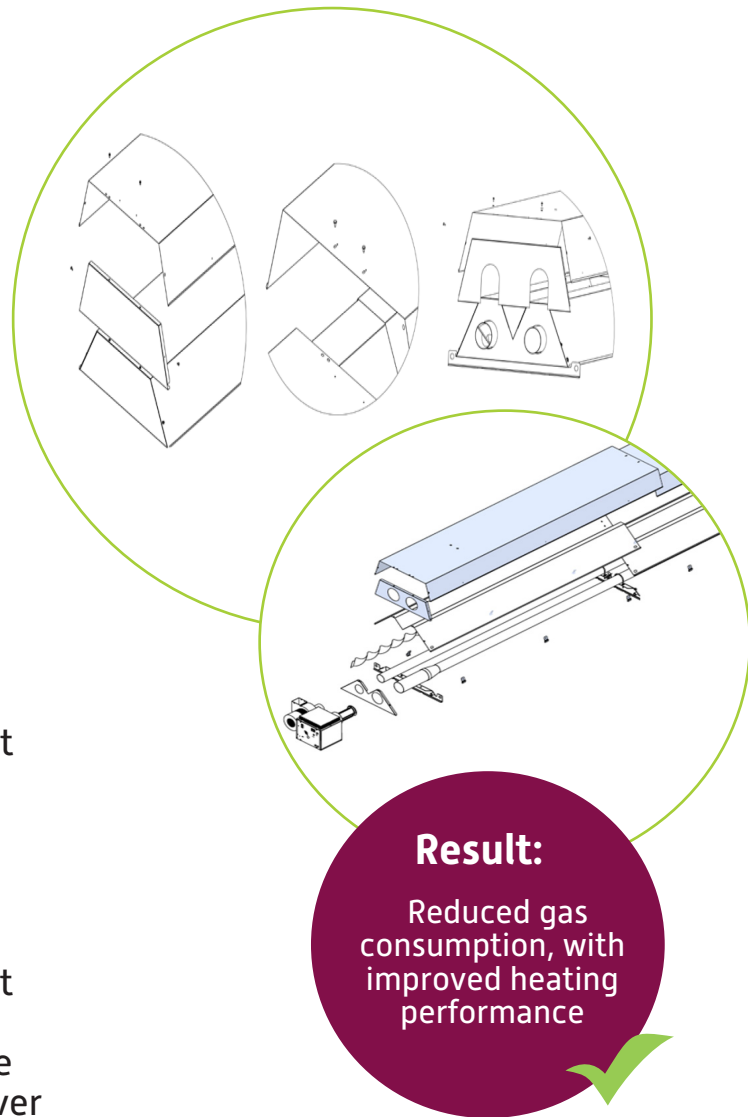
Vision VSE Canopy Design

Engineered to retain more heat from the tubes, maximising radiant output and increasing the seasonal efficiencies of each VSE unit.

- Improved heat direction
- Reduced heat loss
- Protection from dirt and debris
- Helps maintain proper clearances

ADVANCED HEATING TECHNOLOGY

Being mounted overhead, Reznor radiant heaters produce infrared heat that is directed downwards to low level by a reflector. Infrared energy passes inertly through the air, dissipating as heat upon contact with people and surfaces thus creating a comfortable, all-round radiant warmth at lower air temperature. This reduces wasteful heating of empty space and makes substantial energy savings over conventional boiler and air systems.



Smart Controls

SmartCom controls allow heating efficiency credits of up to 2.5% to be claimed towards the effective heat generator seasonal efficiency as defined in the UK Non-Domestic Building Services Compliance Guide.

Smarter Configuration

Herringbone systems are specifically designed to suit individual building requirements; they can incorporate up to ten 'U' tube on one exhaust manifold. The exhaust manifold may be terminated through the roof or wall.

Technical Data

	VSE20UTEN	VSE30UTEN	VSE35UTEN	VSE40UTEN
Nominal heat output P _{nom} [kW]	15.7	26.1	29.1	32.6
Minimal heat output P _{min} [kW]	15.7	26.1	29.1	32.6
Seasonal space heating efficiency $\eta_{s\geq 80.0\%}$	80.80%	81.60%	81.90%	81.50%
Space heating NO ₂ emissions [*] mg/kWh input (PCS) ≤ 180	107.9	59.1	71.1	95.1
Length [mm]	5168	7644	7644	8512
Overall width [mm]	710	805	805	805
Overall height [mm]	253	283	283	283
Weight [KG]	85	166	166	183
Recommended mounting height	4.5-7.0m	5.5-9.0m	6.0-10.0m	6.5-11.0m
Range	U-TUBE			
Fuel Type	NATURAL GAS (G20)			
Gas Supply	Connection 1/2" BSP internal thread			
Electrical Supply	230 volt 1 phase 50Hz			
Current Rating	1.0 amp max (inductive)			
Ignition	Electronic programme start up with spark ignition			
Exhaust flue - twin wall diameter	125 mm [5"]			

Additional technical information can be found in the Vision VSE installation manual.

*The Radiant Heater Estimated Running Cost Comparison Tool shown is indicative of cost / CO₂ savings that might be obtainable if the current and new radiant heaters were to operate as assumed. This tool is not a guarantee that the indicated cost / CO₂ savings will be achieved.

REZNOR®

t. +[44] 0 1384 489700
e. reznorsales@nortek.com
w. reznor.co.uk

Nortek Global HVAC UK
Fens Pool Avenue, Brierley Hill
West Midlands DY5 1QA
United Kingdom