

The new dhm sl is an exciting development in gas burner design for air handling units. Its extremely compact size provides OEMs with a highly efficient unit that is easily integrated into existing AHU designs, providing performance and energy efficiency in a single cost-effective unit.



- Wide range of outputs – 30kW to 100kW.
- 6 sizes – a choice to suit design requirements.
- Multi-unit capability- individual units can be stacked together to operate in series or in parallel to provide higher outputs.
- Slimline width- no requirement for inlet or outlet transition sections reducing material and labour costs for OEMs plus reduced length of the air handling unit.
- Easy to service – multi-tube burners fed from a manifold with a single gas safety control.
- Low resistance to airflow- a unique tube arrangement offers low resistance to air flow compared with conventional heat exchangers enabling low fan motor power and reduced energy requirements.
- Very quiet operation.
- 91% efficiency (high fire, net basis)- utilises proven technology from the nv heater programme for maximum operational efficiency.
- eca approval- 100% capital allowance in the first year against all supply and installation costs.
- Suitable for retro fit/upgrade- dhm sl is ideal for the conversion of hot water, steam or electric systems to gas.

Construction

dhm sl heaters are based on stainless steel tube heat exchange elements with each tube having a dedicated inshot type burner and a closed combustion circuit that is fan assisted with fully automatic controls. Units are available as on/off, high/low or fully modulating, with a low fire rate for the latter two options of 30%. Each unit is fitted with a condensate drain and solenoid valve and supplied without controls housing for installation into air handling units.

Options and accessories

1. Stainless steel heat exchanger tubes (Type 316)
2. High/low burner operation
3. Modulating burner operation
4. Controls housing
5. Vertical flue assembly
6. Horizontal flue assembly