

NVS Condensing Gas Unit Heater Range

Controlling your working environment

HEATING • VENTILATION • INTEGRITY



Authorised User No. 00175



Duties

| | | | | | | | |
|-----------------------------|--------|----------|---------|----------|------|------|------|
| Model | | | 30 | 60 | 90 | 140 | |
| Output | | kW | 30 | 60 | 90 | 140 | |
| Electrics | Supply | Standard | V/ph/Hz | 230/1/50 | | | |
| | | Optional | V/ph/Hz | 415/3/50 | | | |
| Overall dimensions NVS F | | Height | mm | 818 | 818 | 705 | 1035 |
| | | Width | mm | 1050 | 1345 | 2345 | 2345 |
| | | Depth | mm | 1176 | 1176 | 1176 | 1176 |
| Flue diameter | | mm ø | 100 | 130 | 130 | 130 | |
| Nett Weight | | NVS F | kg | 124 | 177 | 245 | 350 |
| | | NVS C | kg | 194 | 253 | 382 | 501 |

Notes:

Heaters have efficiency levels which meet with the minimum efficiency requirements of UK PartL2B Building Regulations
All heaters have efficiency levels which meet the criteria of the Enhanced Capital Allowance Scheme

Introduction

Warm air heating provides an efficient, flexible and cost effective solution for the heating of most industrial and commercial buildings.

Powrmatic have been a leading manufacturer of warm air heating products for more than sixty years. Integrity of design and quality of manufacture are characteristics inherent in each and every product.

Peace of mind is assured with Powrmatic's comprehensive guarantee package which includes a two year parts and one year labour guarantee as well as a TEN year heat exchanger warranty.

NVS Gas Unit Heaters are designed for high level suspension saving floor space and benefit from clean lines with a fully housed burner. Capable of being operated in room sealed or conventional flue mode, flues can discharge either vertically or horizontally saving expensive roof works. Models suitable for natural gas or lpg firing. All heaters are finished with a durable epoxy powder coat paint which is stove hardened.

Heat Exchanger Four pass primary tubular assembly manufactured from aluminised steel formed, swaged and expanded without recourse to stress inducing welding. 409 and 316 grade stainless steel options available. Two pass secondary assembly manufactured from extruded aluminium.

Fuel Efficiency and Low Carbon Emissions Fuel usage is reduced, compared with the NVx range, due to the higher efficiency that NVS units have. Emissions are also a key consideration within the NVS design with all heaters having low NOx characteristics. All heaters have efficiencies which exceed the requirements of both current Building Regulations and the United Kingdom Enhanced Capital Allowance scheme.

Time and Temperature Controls The code protected optimised start/stop MC200bl control station is recommended for the NVS heaters and includes day thermostat, frost protection thermostat, programmable time switch and fan only switching to facilitate summer air movement.

Efficiency



Heritage Heating & Cooling Ltd
Unit 34G, Albion Road
Sileby, Loughborough
LE12 7RA

tel: +44 (0) 1509 814 123
fax: +44 (0) 1509 814 325
e-mail: sales@heritageheatingandcooling.co.uk
web: www.heritageheatingandcooling.co.uk



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