

Evolutionary success

DESCRIBED by Nu-Flame as unique, versatile and reliable, the Evolution burner made at the company's Surrey factory is reported as being a huge success since it was first manufactured two years ago.

Available via a number of well known distributors including Chesney's, Gallery Group, Acquisitions Fireplaces and Manor Reproductions in their standard ranges of fireplaces and baskets, the burner is also available as a one-off made to measure burner direct from Nu-Flame.

As designer Ernie Tagg explains, "Unlike other burners, the Evolution fire utilises a unique compressed vermiculite block designed by Nu-Flame and manufactured by Skamol."

"The temperature below the burner is dramatically reduced because of the low thermal conductivity of the compressed vermiculite and, because the gas is discharged vertically through the top of the block, the burner is very forgiving in downdrafts which can cause temperatures below the burner to rise and damage under burner components."

"The Evolution's burner performance is based on having both primary and secondary aeration. The mixing of gas and air prior to combustion gives a cleaner burn, extra heat output per kilowatt input and a warmer glow than any fire relying on secondary aeration only."

Nu-Flame has invested heavily in new production capacity, product development and quality improvement over the past few years. The company's Sutton factory includes a purpose built laboratory for testing prototypes, pre-production and production models which ensures the continuing safety and reliability of the fires.

Ernie adds, "Every Nu-Flame fire is tested for operation, gas soundness and safety before dispatch. The company also carries out additional tests on one in every 100 fires to ensure continuing conformance to the CE standards for combustion and sooting and to do this you need a properly designed room."

"We can put the fire on for the whole day and it is in nobody's way. Also, because the room can be sealed, we do our own vitiation testing for the oxygen depletion pilot assembly."

"We run the fire to ensure that it shuts down before the carbon monoxide content of the room air reaches 200 parts per million (ppm)."

The CE approved Evolution burner can be made to suit a wide range of fireplaces including cast iron insets, fire baskets, marble suites and the most modern contemporary designs such as hole in the wall flatbed fires. It can also be made to a specified size to fit an existing grate.

The range includes natural gas and LPG models, options for coal, pebble, log or driftwood firebeds and a choice of manual or Mertik Maxitrol remote control.

For further information visit www.nu-flame.co.uk or ring 020 8254 6802.

