

Slough Police Station - Slough

Consultant

- T&B

Client

- Perfect Pipework Ltd

Sector

- Public

Products

- MasterFlue System

Equipment

- Potterton Derwent
Hamworthy DR-LA40

Application

- Atmospheric



Front Entrance



Airtherm Masterflue

Airtherm Engineering has completed another installation using Nova commercial product serving two existing Potterton Derwent atmospheric boilers & one Hamworthy water heater at Slough Police station.

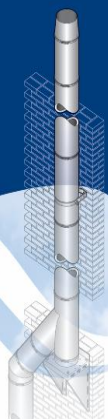
Nova is a new breed of chimney system that offers a single solution for virtually all of today's combustion requirements. Nova is a true multi-fuel / multi-application product, whether being used to serve a solid fuel stove, vent the latest high efficiency condensing appliances or Biomass wood chip / pellet stove, Nova is the product of choice. With a diameter range covering thirteen sizes, Nova covers domestic and commercial applications. Manufactured from a 316L inner liner, 25mm high density insulated annulus and a grade 304 outer case, Nova is built to last.



NOVA COMMERCIAL

Twin-Wall, Insulated
Stainless Steel
Multi-Fuel
Chimney Systems

Suitable for condensing and
positive pressure applications



Nova Product



View of Chimney Top

- Boilers: Potterton Derwent
- Water Heater: Hamworthy DR-LA40
- Application: Chimney / Flue system
- Operating mode: Dry
- Pressure: Negative / Positive pressure
- Working pressure: 200 Pa (product will operate 1000pa max)
- Inner wall: 316L1.4404/1.457 thickness Ø500 1 mm
- Outer wall: AISI 304/ 1.4301 thickness 0,6 mm
- Insulation: 25mm thick Rockwool insulation
- Sealant : tri-lip 'o' type silicone ring
- Fuel type: Gas

- Suitable for fully condensing applications
- Fully welded construction
- High level insulation
- High thermal resistance
- High speed twist lock jointing system to aid installation
- Without seals the product is suitable for multi fuel applications up to 450°C

Diameters: 100mm - 600mm

Construction: Twin Wall Insulated

Material: 316L stainless steel liner and 304 stainless steel outer case

Temperature: 450°C Continuous without seals 200°C with seals fitted

Pressure capability: 200Pa (P1)

Mode of operation: Negative or positive pressure

Approvals:

BS EN 1856-1 T460 N1 D V2 L50050 G(50) Nova SM

BS EN 1856-1 T600 N1 D V2 L50050 G(50) Nova SF

BS EN 1856-1 T200 P1 W V2 L50050 O(50) Nova SM c/w seals

Approvals:

BS EN 1856-1 T460 N1 D V2 L50050 G(50) Nova SM

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