

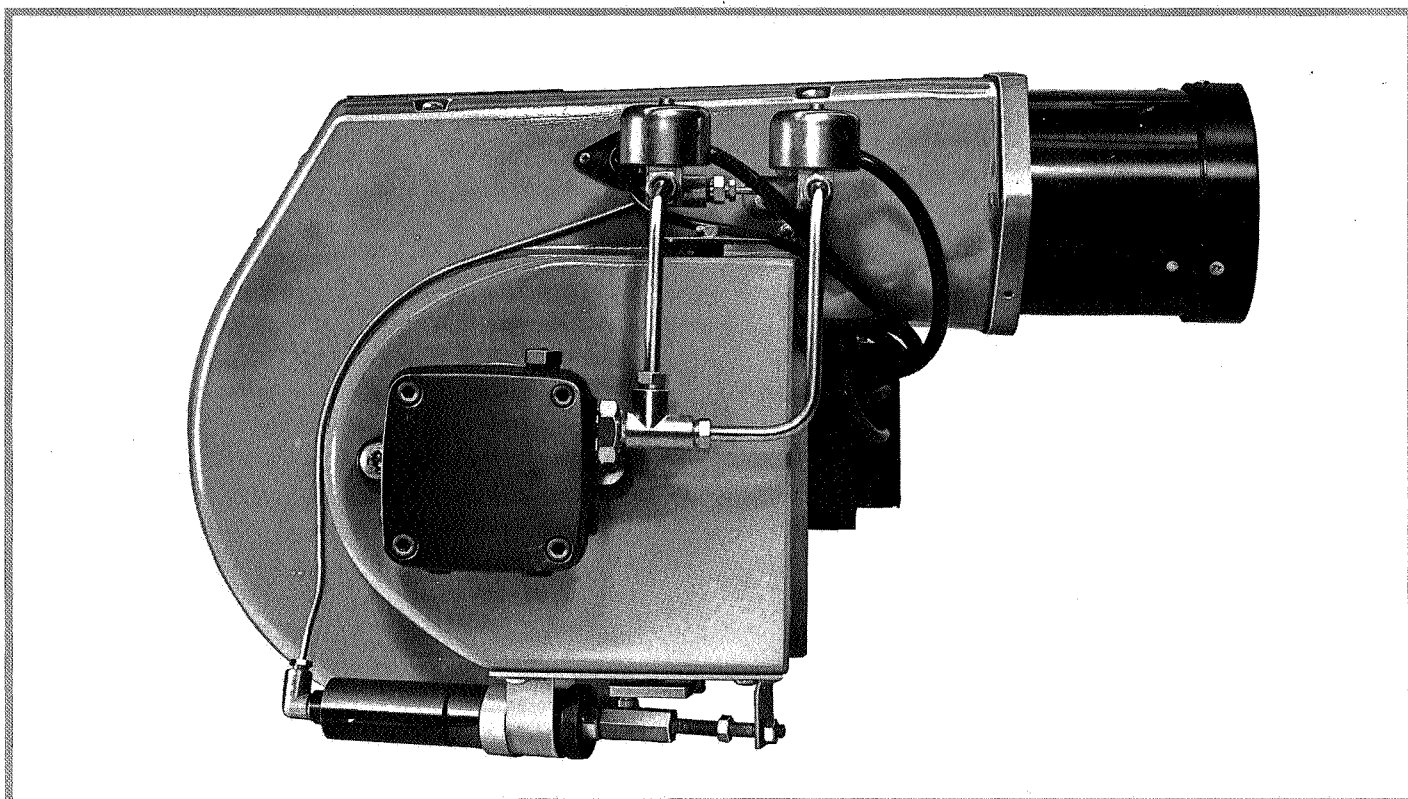
NU-WAY



Technical data

automatic oil burners

MODEL C3



The Nu-way C3 burner has a maximum output of 1.31 million Btu/h (330 000 kcal/h: 382 kW) against balanced draught. This burner is available for either on/off or high/low/off operation. It is also able to fire, at reduced thermal output, appliances having resistance up to 0.8 in wg (20.3 mm wg: 2.0 mbar).

FUEL

Light distillate oil to BS 2869:1970 class D (35 sec Redwood No. 1 at 100°F: 3.0 cSt at 38°C).

FUEL SYSTEM

Suitable for single pipe gravity or two pipe suction lift systems. Single nozzle for on/off operation: twin nozzles for high/low/off operation. Fuel filter with disposable element: fuel connection $\frac{1}{4}$ " BSP female thread.

CONSTRUCTION

Monobloc metric design using fasteners to ISO standards. Removable cover plate for easy access to fan and inner assembly.

AIR REGULATION

Adjustable damper for on/off operation; hydraulically actuated damper for high/low operation.

CONTROLS

Flame supervision by photo-electric cell with sequence controller which complies with BS799:1970 Part 3. The C3 burner may be controlled by suitable thermostats, time switches, frost stats, etc.

OPTIONAL EXTRA FEATURES

Additional or alternative controls are available to meet special specifications or requirements, at extra cost.

WEIGHT

23 kg, 50 lb.

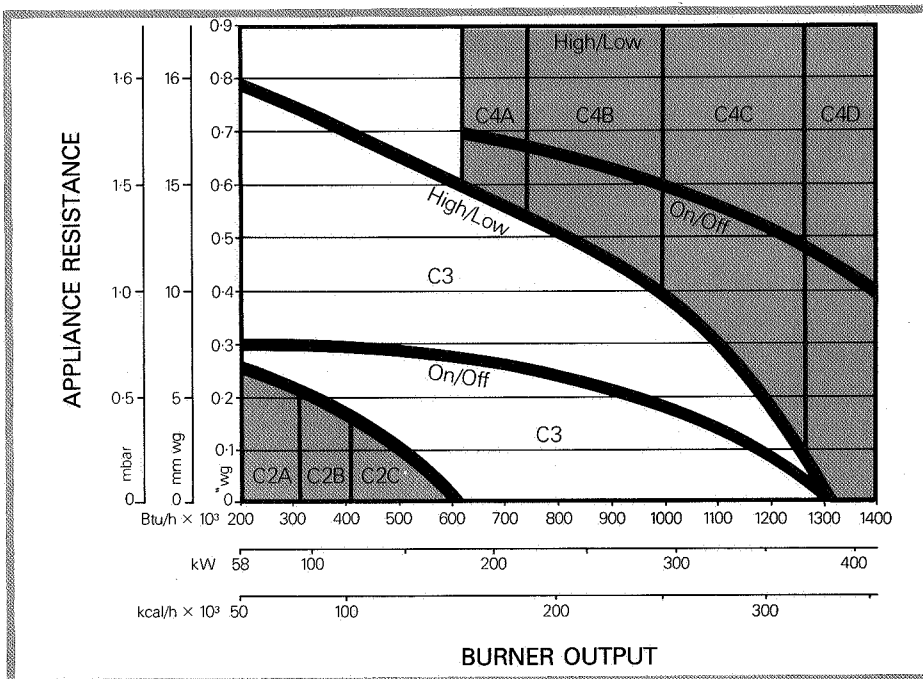
ELECTRICAL DATA

| | | |
|-----------------------------|---------------------------------|----------------|
| Mains supply (V) $\pm 10\%$ | 1 phase 230 | 3 phase 415 |
| Frequency (Hz) | 50 | 50 |
| Motor (W) | 250 | 250 |
| Motor (hp) | $\frac{1}{3}$ | $\frac{1}{3}$ |
| | 2850 rev/min capacitor start | 2850 rev/min |
| Burner start current (A) | 22 | 3.5 |
| Burner run current (A) | 2.4 | 0.75 |

Ignition by direct spark from 10 kV 23 mA transformer, centre tap earthed.



BURNER SELECTION



ORDERING INFORMATION

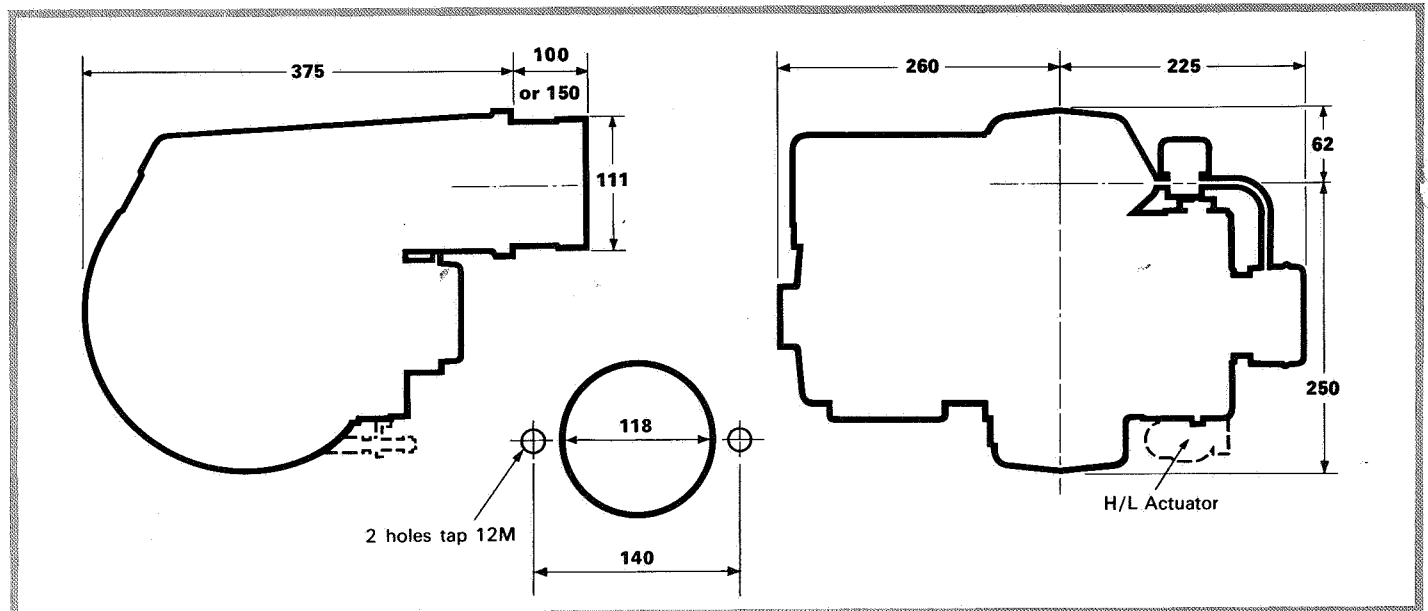
When ordering a Nu-way type C3 burner please specify the following information in order to expedite your order.

- Type of appliance with which burner is to be used.
- Rating of appliance.
- Specification of electricity supply locally available, ie voltage, frequency and whether single or three phase (3 or 4 wire).

This graph is a guide to burner selection only. For advice on individual applications please consult the Technical Department.

For full information on the burner types in the shaded areas, please refer to the respective Technical Data Sheet.

DIMENSIONS



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Nu-way policy is one of continuous improvement. The right to change prices and specifications without notice is reserved.

