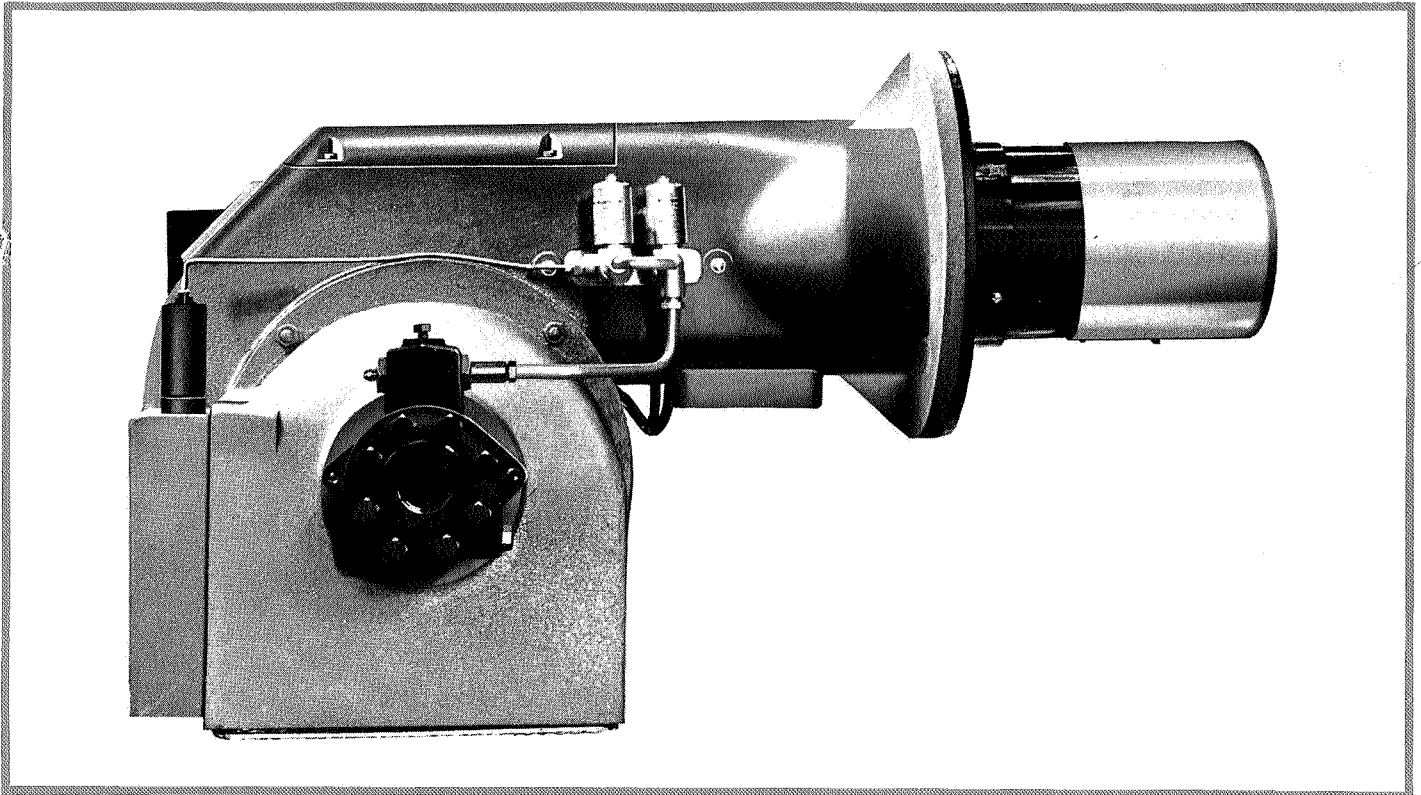


NU-WAY

Technical data

automatic oil burners

MODEL CL5



The Nu-way CL5 burner is manufactured in two models. Burner capacity ranges from 1.6 m – 3.75 m Btu/h, (509 kW – 1.1 MW, 400,000 – 930,000 k/cal/h. The CL5 burner is available only for high/low operation.

CONSTRUCTION

Monobloc design with metric dimensions using fasteners to ISO standards. Designed for flange mounting. Fan and inner assembly accessible by removal of top cover plate.

AIR REGULATION

Air control is by letter box type damper hydraulically operated on all versions. A silencer, and/or fully closing damper, can be fitted to any burner in the CL5 series, to special order.

FUEL

Light distillate oil to BS2869 : 1970 class D (35 seconds Redwood No. 1 at 100 °F; 5,6 cSt at 20 °C).

FUEL SYSTEM

Suitable for single pipe gravity or two pipe, suction lift schemes. Twin nozzle high/low/off operation : Max. turndown 2 : 1. Fuel filter with disposable element : fuel connection ½" BSP female thread.

CONTROLS

The CL5 burner may be controlled by suitable thermostats, time switches, froststats, etc. For steam boiler applications, a separate control panel is available. This contains feed pump starter and relays, with warning lights for excess high and low water levels. Direct on line and star/delta versions available (see separate data sheet).

FLAME FAILURE CONTROL

Flame supervision by photo-electric cell with sequence controller which complies with BS799 : 1970, Part 4.

WEIGHT

53 kg. 117 lbs.

ELECTRICAL DATA

Mains supply (V) ±10%	415
Frequency (Hz)	50
Motor (W)	1100
	2 pole, 2800 rpm.

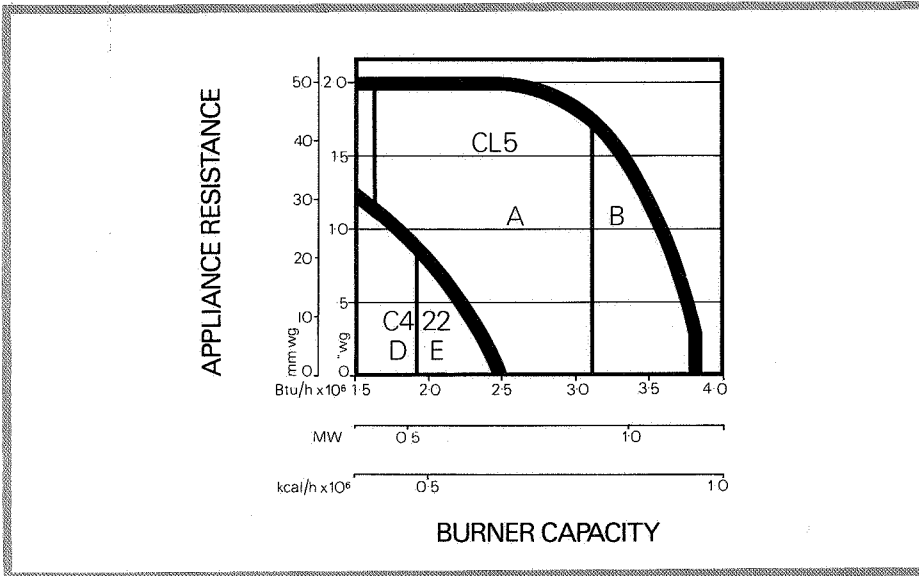
Burners for 220/240V 1 Ph 50 Hz and other electricity supplies are available to special order.

Burner start current (A phase)	15
Burner run current (A phase)	2.5

Ignition by direct spark from 10 kV 35mA transformer, centre tap earthed



BURNER SELECTION



ORDERING INFORMATION

When ordering a Nu-way CL5 burner please specify the following information in order to expedite your order.

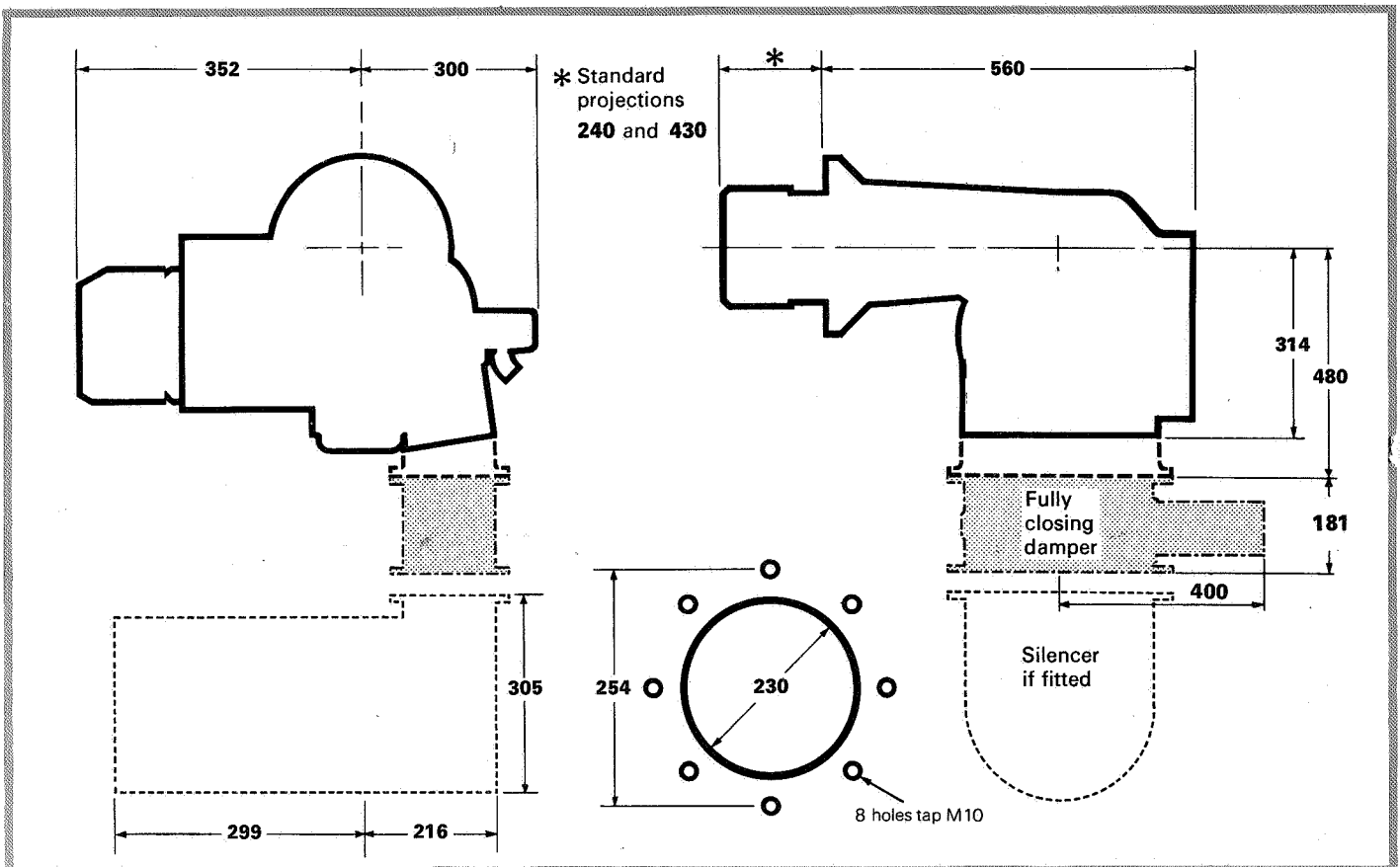
Type of appliance with which burner is to be used.

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.

DIMENSIONS



Nu-way Heating Plants Limited
Droitwich, WR9 8NA, England

Telephone: Droitwich (09057) 2331 & 2527
 Telex: 338551. Cables: JASNU DROITWICH

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

