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DATA SHEET

Model: TLO1

Revision Date: September 2015

Output: 12 – 70 kW

Document Number: DS.TL01.08

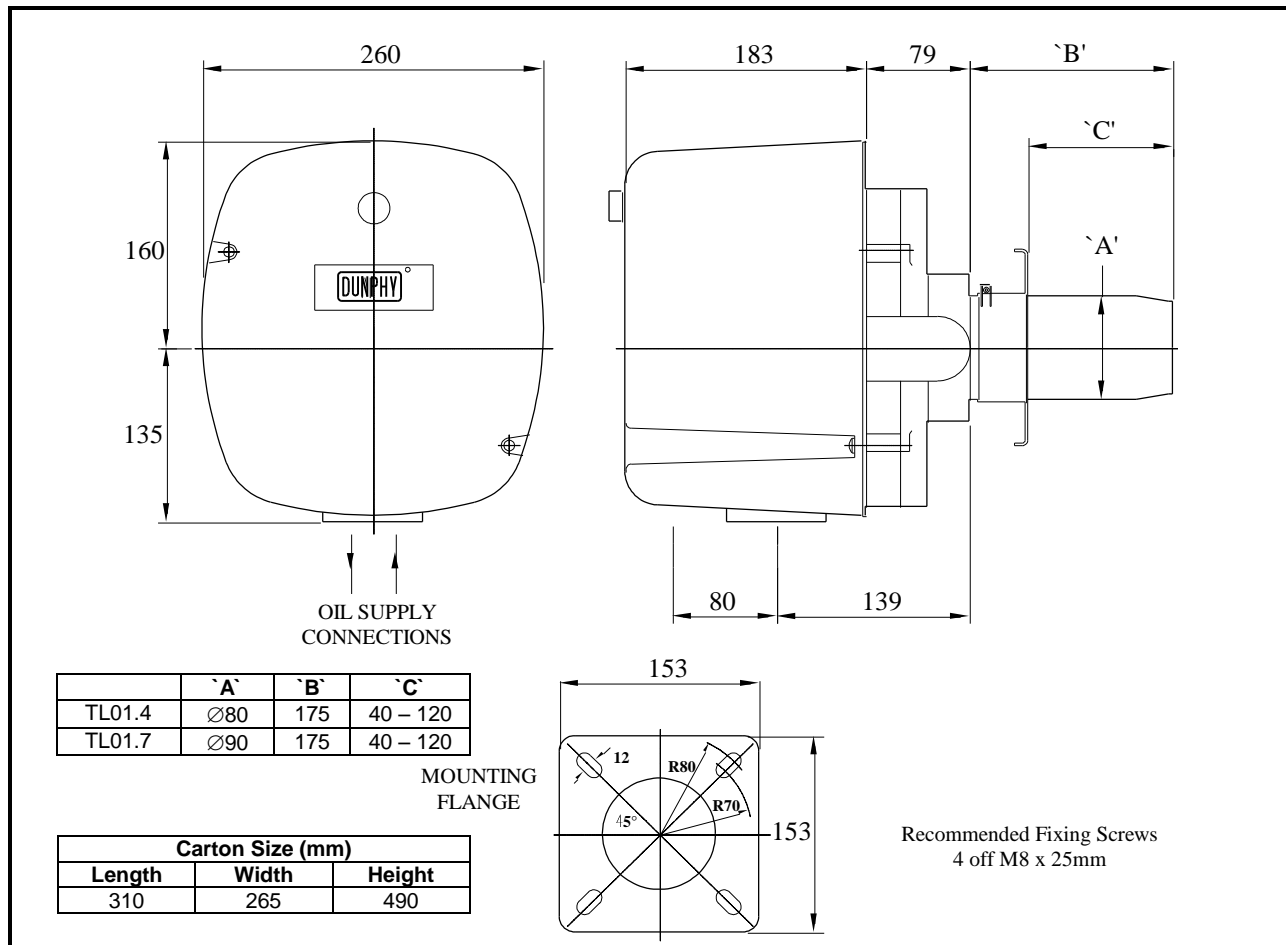


- ◆ All models approved to current British and European Standards.
- ◆ All models tested to European Standard EN267 - 'Methods of test for Atomising Oil Burners of Monobloc Type'.
- ◆ Baumuster number for TL01.4 is 5G 052/92 and for TL01.7 is 5G 053/92.
- ◆ All burners in the T.O. range are of the fan assisted, nozzle mix type and operation is fully automatic expanding flame start.
- ◆ Air inlet is suitable for connection to a ducted fresh air supply.
- ◆ Suitable for class C2 and D Petroleum fuel oils.



FM 24868

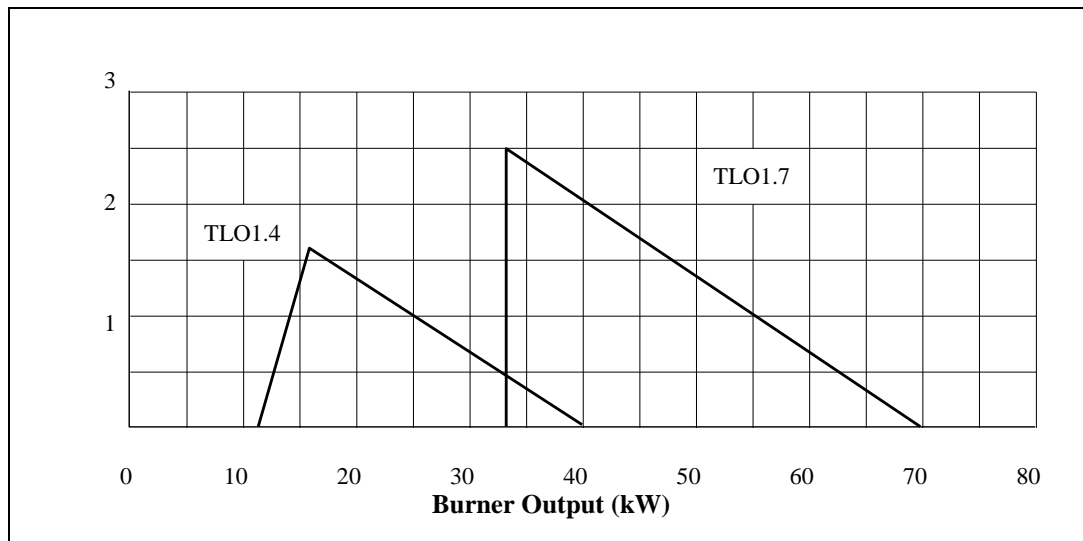
BURNER DIMENSIONS



** The burner gas train may be positioned as shown or rotated to the left or right as required.

- ◆ All dimensions in mm unless otherwise stated.
- ◆ Please check the issue number to ensure validity.

BURNER RATING GRAPH



SPECIFICATION DATA

BURNER TYPE	Firing Rate kW		Burner Control	FCAD *	Control Input Type	Max l / hr @ oil press(bar)	Voltage	Hz	Ph	Motor Watts	Running Current	Starting Current	Weight	Order Code
	MIN	MAX												
TL01.4	16	40	On / Off with fixed air damper	No	On / Off Control Stat	3.5 @ 10.0	220-240	50	1	75	1.0 A	2.4 A	10.6kg	971010
TL01.4H	12	40	On / Off with fixed air damper and nozzle Pre-heater	No	On / Off Control Stat	3.5 @ 10.0	220-240	50	1	75	1.0 A	2.4 A	10.7kg	971020
TL01.4DH	12	40	On / Off with Nozzle Pre-heater and hydraulic air damper	Yes	On / Off Control Stat	3.5 @ 10.0	220-240	50	1	75	1.0 A	2.4 A	10.9kg	971030
TL01.7	33	70	On / Off with fixed air damper	No	On / Off Control Stat	5.7 @ 11.5	220-240	50	1	75	1.0 A	2.4 A	10.6kg	971040
TL01.7H	16	70	On / Off with fixed air damper and nozzle Pre-heater	No	On / Off Control Stat	5.7 @ 11.5	220-240	50	1	75	1.0 A	2.4 A	10.7kg	971050
TL01.7DH	16	70	On / Off with Nozzle Pre-heater and hydraulic air damper	Yes	On / Off Control Stat	5.7 @ 11.5	220-240	50	1	75	1.0 A	2.4 A	10.9kg	971060

*FCAD – Fully Closing Air Damper

Features

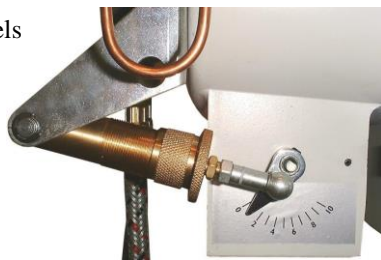
- High efficiency
- Quiet operation
- Adjustable burner mounting flange for different furnace projections
- Standard 7 pin socket for all electrical connections
- Flame surveillance via photocell
- Fully closing air damper on models fitted with hydraulic ram



- Simple damper control on fixed air damper models



- 40W pre-heater built into oil line



- 1 or 2 pipe oil system configuration available



Dunphy Combustion Ltd. have a policy of continuous development and reserve the right to change specifications without prior notice