

A146T OIL FIRED SITE HEATER

GENERAL SPECIFICATION

DESCRIPTION	UNITS	
DUCT DIAMETER	Mm	Outlet 4 x 300, Inlet 1 x 600
MAXIMUM DUCT LENGTH (Total)	M	Maximum 150
BURNER TYPE		Riello R40 G20D
BURNER CONTROL		Hi/Lo
NOZZLE SIZE		3.5 USG/h x 60 ⁰
OIL CONNECTION SIZE	BSP	1/4"
FUEL SPECIFICATION		Class D
ELECTRICAL SUPPLY	v/ph/Hz	415/3/50
FUSE SIZE	A	16
MOTOR SIZE	KW	4
MAXIMUM RUNNING CURRENT	A/ph	10.7
FLUE DIAMETER	Mm	175
OVERHEAT STAT SETTING	°C	100
IP RATING		55
WEIGHT	Kg	1,625 (Nett), 2,475 (Gross)
HEIGHT	Mm	2450
WIDTH	Mm	1200
LENGTH	Mm	3000
FUEL CAPACITY	Litres	1000
RUNNING TIME (High Flame)	Hours	48

TECHNICAL SPECIFICATION

DESCRIPTION	UNITS	PART LOAD	FULL LOAD
HEAT INPUT	KW	133	186
HEAT OUTPUT	KW	121	168
NETT EFFICIENCY	%	91	89
FUEL CONSUMPTION	l/h	13.3	18.45
OIL PRESSURE	p.s.i.	110	200
BURNER AIR SETTING		3.5	7.8
RUNNING CURRENT FAN	A/ph	3.3	7.8
RUNNING CURRENT BURNER	A	1.2	1.2
FLUE TEMPERATURE	°C	231	252
AIR VOLUME - COLD	m ³ /s	1.95	2.80
TEMPERATURE RISE	°C	48	46
AVAILABLE STATIC PRESSURE	Pa	230	500
NOISE LEVEL AT 3m	DbA	55.3	59.9

