

A430 OIL FIRED SITE HEATER

GENERAL SPECIFICATION

DESCRIPTION	UNITS	
DUCT DIAMETER	mm	2 x 630
MAXIMUM DUCT LENGTH	m	180
BURNER TYPE		Riello RL 50
BURNER CONTROL		Hi/Lo
OIL CONNECTION SIZE	BSP	1/4"
FUEL SPECIFICATION		Class D
ELECTRICAL SUPPLY	v/ph/Hz	415/3/50
FUSE SIZE	A	63
MOTOR SIZE	kW	14
MAXIMUM RUNNING CURRENT FAN	A/ph	26
FLUE DIAMETER	mm	255
OVERHEAT STAT SETTING	°C	100
IP RATING		44
WEIGHT	kg	2,783
HEIGHT	mm	2800
WIDTH	mm	1600
LENGTH	mm	4600

TECHNICAL SPECIFICATION

DESCRIPTION	UNITS	PART LOAD	FULL LOAD
HEAT INPUT	kW	284	550
HEAT OUTPUT	kW	266	500
NETT EFFICIENCY	%	93	90
NOZZLE SIZE		5.5 USG/h x 60 ⁰	10.5 USG/h x 60 ⁰
FUEL CONSUMPTION	l/h	27.6	53.5
OIL PRESSURE	p.s.i.	170	170
RUNNING CURRENT BURNER	A/ph	6.7	13.8
STARTING CURRENT FAN MOTOR	A/ph	35.2	145
RUNNING CURRENT FAN MOTOR	A/ph	8.5	26
NET FLUE TEMPERATURE	°C	147	227
BURNER AIR DAMPER SETTING	deg	32	78
AIR VOLUME - COLD	m ³ /s	4.8	7.80
TEMPERATURE RISE	°C	50	55
AVAILABLE STATIC PRESSURE	Pa	250	700

DISCHARGE VELOCITY	m/s	7.80	12.32
NOISE LEVEL	dbA	67	76