

## TECHNICAL SPECIFICATION FOR:

### 110KW INDIRECT FIRED HEATER

#### OVERVIEW

- ✓ Maintenance friendly, easy to install and operate
- ✓ Easy portable with wheels as standard
- ✓ Option for air recirculation if required



#### DESCRIPTION

Celsius Hire's 110KW Indirect Fired (IDF) Heaters are designed to provide clean and dry, warm air by blowing air alongside a heat exchanger with a powerful radial fan. The units are oil fired and come complete with fully automatic burner control with thermostat connection.

With a high outlet temperature  $\Delta T$  of around 47degC and a 92% efficient heat exchanger, the units are suited to the cold winter months. They are also equipped with overheat protection and temperature limitation of warm air.

Celsius Hire's IDF Heaters can be coupled with our ancillary range including bunded fuel tanks and flexible ducting to provide a complete heating package.

CELSIUS HIRE

Call for your rental on:

**0800 702 2161**

Visit it us at:

**www.celsiushire.com**

Email us at:

**info@celsiushire.com**



All data is subject to change and continuous improvement without notice. All equipment is designed to relevant mechanical and electrical directives

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## PERFORMANCE DATA AT DESIGN CONDITIONS

HEATING CAPACITY	KW	110
TEMPERATURE RANGE (AIR OFF)	°C	40 - 70
CONSUMPTION (OIL) AT FULL LOAD	L/hr	10.9

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## AIR LIMITS

TOTAL NUMBER FANS	NO.	1
OUTLET SPIGOT DIAMETER	MM	500
AIRFLOW	M3/HR	10,000
MAX DUCT LENGTH (500MM)	Metres	40
MAX EXTERNAL PRESSURE AT DESIGN	PA	500

## ELECTRICAL DATA

ELECTRICAL SUPPLY VOLTAGE	V	230
SUPPLY		Single Phase
POWER CONNECTIONS	FITTED PLUG	16A SINGLE PHASE 3PIN COMMANDO
FULL LOAD RUNNING CURRENT (MAX)	A	13
MAX POWER ABSORBED	KW	2.5

## PHYSICAL DATA

LENGTH	MM	2,230
WIDTH	MM	780
HEIGHT	MM	1,340
WEIGHT	KG	340



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