SPECIFICATIONS

Est. Heating Area	150-220m2
Efficiency	61.9%
Average Particulate Emission	1.00g/kg
Appliance Weight	216kg
Fuel Type	Hardwood (AU) Softwood (NZ)
Maximum Log Size	750mm
Authorisation Number	0620-2022a (AU)
Compliance	Clearance tested to *AS/NZS 2918:2018*
Power Requirement	3 Pin 10A 240V power supply
Damper Control	Yes - top right of the appliance
Flue Type	Natural Draught - Direct Vent †
Flue Size	150mm Inner/200mm Outer/250mm outer
Flue Length (minimum)	4.5m - from the top of the appliance
Floor Protector	Required

Combustion Air Intake	External
Heat Shield	Not required
Glass Wash	Yes
Fire Bricks	Vermiculite
Convection Fan	Yes - 2 speed Fan
Room Ventilation	Not required
Wetback	Prohibited

† *Please refer to Indoor Wood Flue Specification Guide for further guidance.*

INSTALLATION
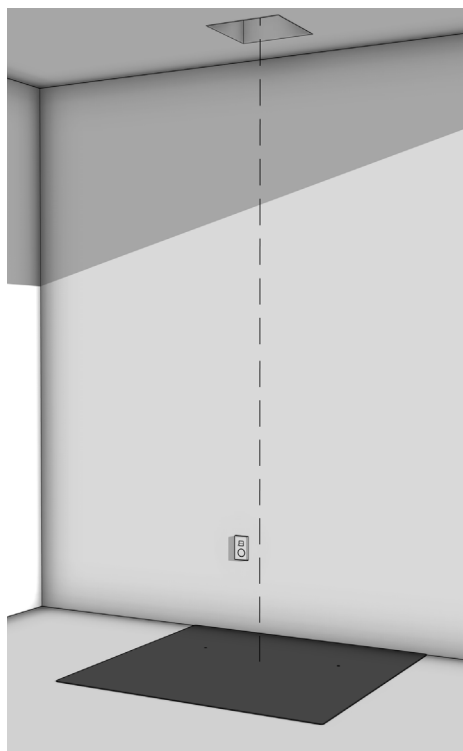
A location is selected with electrical supply within 1m of the fireplace. Obtain flue centreline to ensure the flue run is clear from obstructions. Install the floor protector, allowing for all requisite safety clearances.

Install the fireplace on a plinth, base or preformed heat resistant structure following the TFS1000 Installation Manual. Fix the fire to the plinth, base or structure and the plinth or base to the floor. It is recommended that only HHA approved/accredited tradespeople should be used to install this fireplace. *See appliance dimensions over page.*

Install the flue and liner to the correct configuration and height. The ceiling plate should be fitted at this time. Complete the installation by installing any additional components and connecting the electrical supply. Operate the fireplace for the first week with a hot fire and the damper fully open.

APPLIANCE DIMENSIONS

The TFS1000 is constructed from 4mm painted mild steel panels with a 5mm glass door and utilises a direct vent co-axial flue system. Additionally, it has a heat activated, two speed fan that turns on to distribute heat further into your room.

Appliance Width (A)	988mm
Appliance Depth (B)	506mm
Appliance Height (C)	606mm
Minimum Appliance Height from Floor (D)	375mm
Minimum Ceiling Height from top of TFS1000 (E)	1420mm
Firebox Opening Size	871mm W x 368mm H
Glass Viewing Area	940mm W x 480mm H
Floor Protector Size	1388mm W x 1006mm D
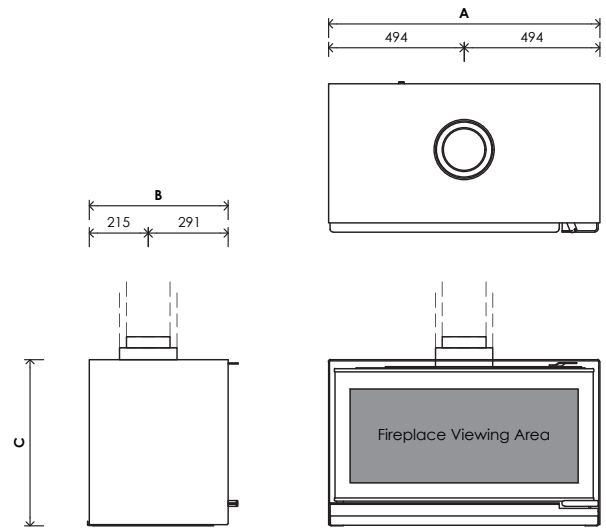
FLOOR PROTECTOR

For a fireplace base elevated 375mm or more above a combustible floor, a continuous non-combustible floor protector is required with the dimensions: **1388mm W x 1006mm D**. To reduce the 375mm clearance to the fireplace base from a combustible floor, use an insulating, heat-resistant floor per *AS/NZS 2918*.

SEISMIC RESTRAINT

Fasten the fireplace to the plinth or base and secure the plinth or base to the floor using suitable, appropriately sized fasteners anchored into structural components.
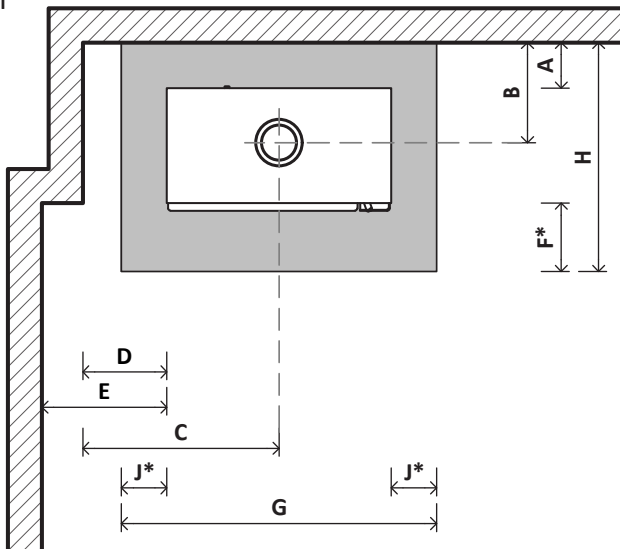
CLEARANCES TO COMBUSTIBLES

Clearances are set to prevent contact with combustible materials, including timber-framed walls. Follow *AS/NZS 2918, Section 3*, to reduce these clearances. Objects in front of the fireplace must maintain a 1.2m safety distance.

FIREPLACE BASE

Install the TFS1000 Fireplace at least **375mm** above any combustible surface's finished level. A continuous, non-combustible base is essential to bear the weight of the appliance and flue system above. Escea offers both GRC plinth and sheet-metal base options, specifically crafted to enhance the TFS1000 Fireplace.

* Dimensions F and J are measured from the front or side of the fuel-loading opening to the edge of the floor protector.

Parallel

Corner

A	B	C	D	E	F	G	H	J
200	440	864	370	500	300	1388	1006	200

Install in accordance with *AS/NZS 2918* and the *Escea TFS Series Install Manual*.
For Installation methods not covered in this document please contact:
Email: **aa@escea.com**   PH (NZ): **0800 17 3000**   PH (AU): **1800 460 832**

Install Manual and CAD files are available via the QR Code or link:
www.escea.com/technical