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Installation and Operating Instructions for: JAYLINE IS500 Insert

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MODEL	AS/NZS 2918:2001	AS/NZ 2918:2001, APP E	AS/NZS 4012:1999	AS/NZS 4013:1999	ECan Cert Number
IS500	Complies	Complies	67%	0.9g/kg	111085

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

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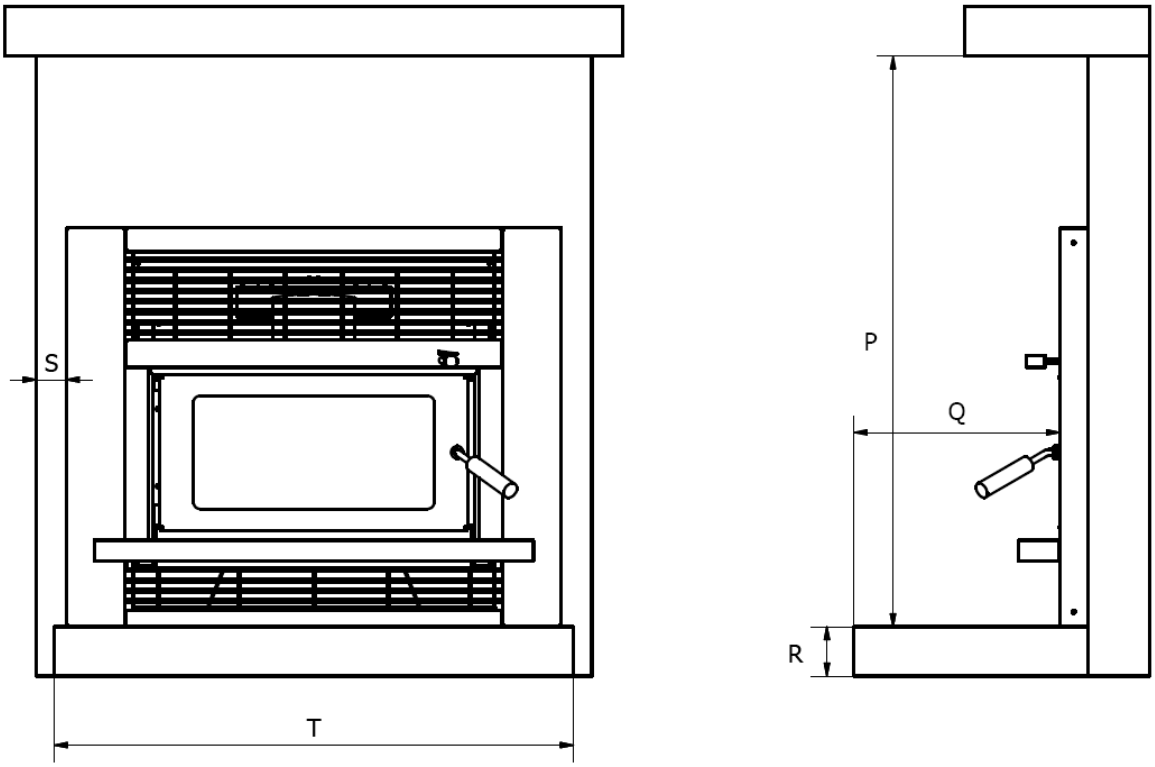
Minimum Safe Installation Clearances to COMBUSTIBLE Materials

Fig. 1

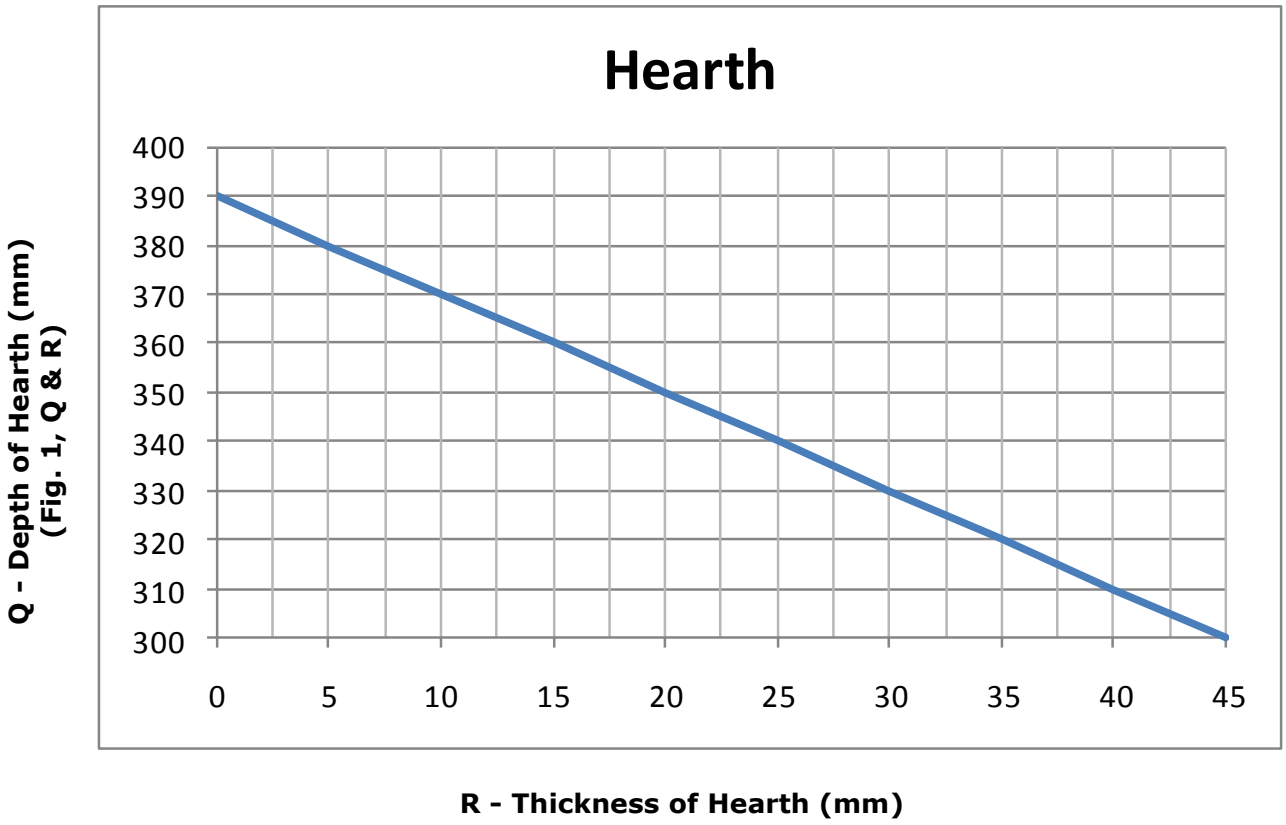


	IS500
P	1060*
Q	Graph 1
R	Graph 1
S	50
T	840

- Dimension P can be 920mm with a factory supplied heat deflector fitted

Hearth Graph

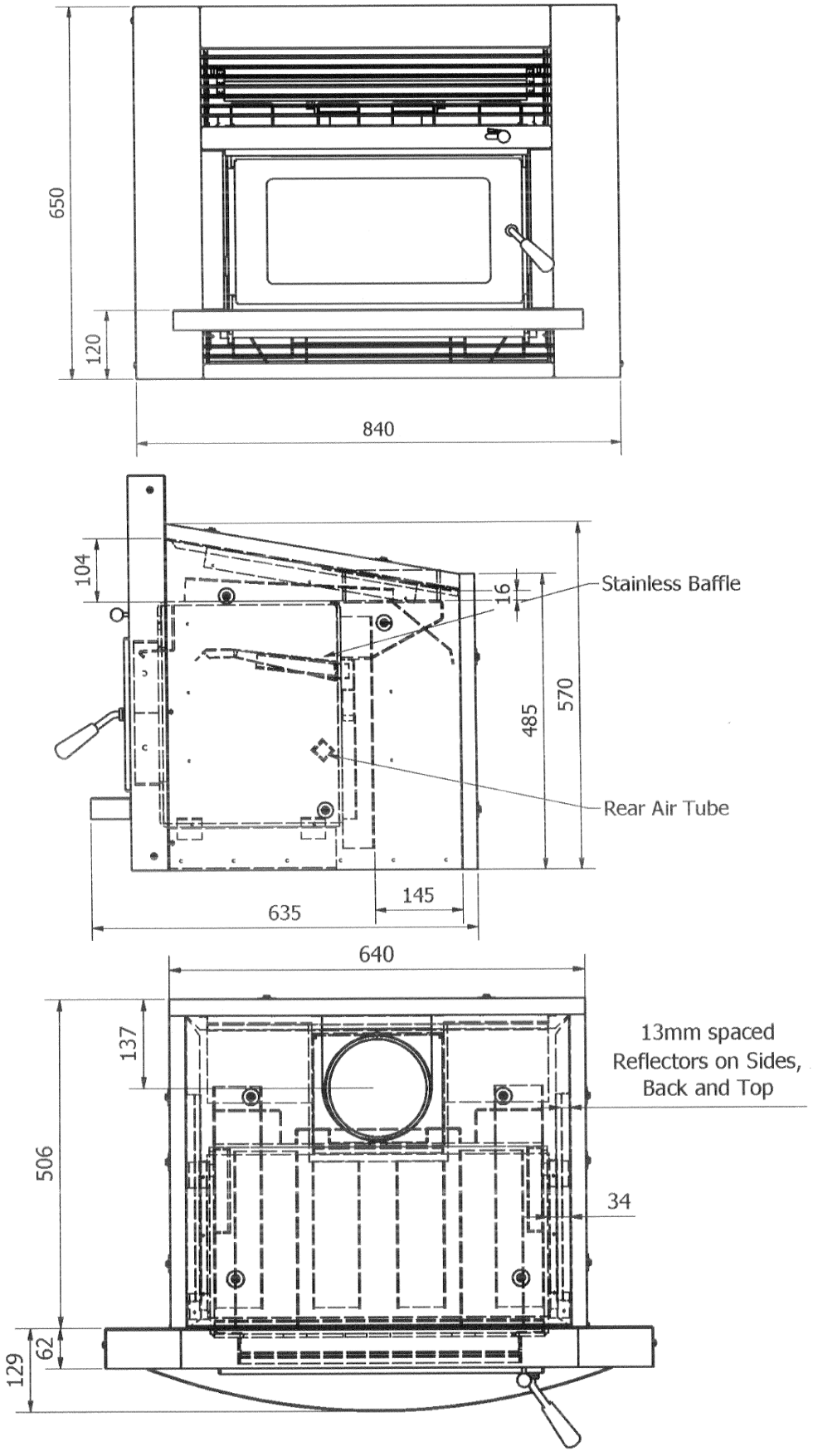
Fig. 2



This graph refers to Page 2 (Fig. 1, Q & R)

The hearth distance out in front of the fire (taken from the door), is dependent on the thickness of the hearth. The thicker the hearth is above the surrounding combustible floor, the less this distance is out in front of the fire.

Dimensions


650
120
840
104
16
Stainless Baffle
485
570
Rear Air Tube
145
635
640
137
13mm spaced
Reflectors on Sides,
Back and Top
506
34
62
129

Installation Instructions

This appliance should only be installed by a trained and NZHHA qualified installer.

Warning: the appliance and flue system shall be installed in accordance with AS/NZS 2918 and the appropriate requirements of relevant building code/codes.

Warning: appliances installed in accordance with this standard shall comply with the requirements of AS/NZS 4013 where required by the regulatory authority, i.e. the appliance shall be identifiable by a compliance plate with the marking "Tested to AS/NZS 4013".

Any modification of the appliance that has not been approved in writing by the testing authority is considered to be in breach of the approval granted for compliance with AS/NZS 4013.

Caution: mixing of appliance or flue system components from different sources or modifying the dimensional specification of components may result in hazardous conditions. Where such action is considered, the manufacturer should be consulted in the first instance.

Caution: cracked and broken components e.g. glass panels or ceramic tiles, may render the installation unsafe.

Warning: do not connect to an unvented hot water system.

Install in accordance with AS 3500.4.1 or NZS 4603 and the appropriate requirements of the relevant building code/codes.

- Maintain a clearance of at least 1 metre between front of the appliance and building structure or any other substantial immovable object.
- If the appliance is installed on a heat sensitive floor, the floor should be protected with an insulation floor protector, which shall extend entirely beneath the heater. For the correct floor protector extension, refer to dimensions Q & R in FIG 1 & 2.
- Your appliance shall be seismically restrained, including the floor protector using the provided holes or brackets. The restraints should be sufficient enough to resist a seismic loading equal to 0.4 times the mass of the appliance. We recommend a minimum of 8mm Dynabolts on concrete floors and 8mm coach screws for wooden floors of appropriate length.

Minimum Material Specifications For Floor Protectors on a Floor of Combustible Material

MODEL	SPECIFICATION
IS500	8mm ceramic tiles *

* The IS500 is also approved with 1mm sheet steel with a 10mm spacing above combustible material. For use when extending hearths.

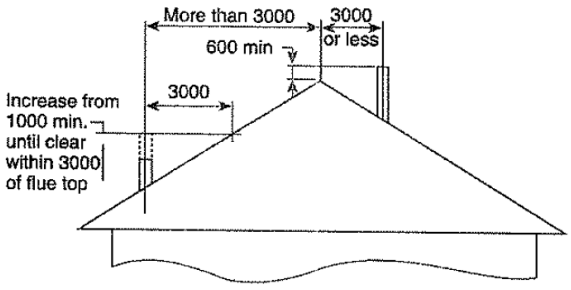
Minimum Flue Height

The top of the flue system should be at least 600mm above the highest point of the roof ridgeline, if the point of intersection of the flue system and the roofline is less than 3 metres from the ridgeline horizontally.

If the point of intersection of the flue system and the roofline is greater than 3 metres horizontally, the top of the flue system shall be at least 1 metre above the point of intersection with the roofline. (refer FIG 3)

FIG 3.

DIMENSIONS IN MILLIMETRES



MINIMUM HEIGHT OF FLUE SYSTEM EXIT

These are considered to be **minimum dimensions,** and depending on local conditions, **taller flue system heights may be required for satisfactory performance.**

Installation requirements for fireplace inserts and flue system where timber framing is less than 50mm from the chimney structure.

Installation should be carried out by a qualified installer who will ensure:

- That the minimum clearances determined by tests in accordance with AS/NZS 2918:2001 are complied with to prevent overheating of nearby combustibles.
- That the minimum opening size of **600mm wide x 600mm high x 506mm deep** is available when firebricks are removed, and that extra provision also be made for plumbing where a hot water booster is fitted (where permitted).
- Where the fireplace opening is in a heat sensitive wall, a non-metallic heat resistant material shall extend not less than 50mm beyond each side of the appliance and 150mm beyond the top of the appliance.
- Clearance of at least 1 metre between the front of the appliance and building structure, or any other substantial material object.
- That the insulating floor protector of non-combustible material is provided, extending not less than the dimensions shown in the chart. (Refer Fig. 1 & 2)
- A fireplace appliance shall not be connected to a flue common with an open fireplace.

Operating Instructions
(Burning Wood)

Keep these instructions for future reference

Important: ensure installation instructions have been adhered to before lighting the appliance.

Important: firewood should be loaded in a front to back direction when operating this appliance.

Warning: any modification of the appliance that has not been approved in writing by the testing authority is considered as breaching AS/NZS 4013.

Warning: do not use flammable liquids or aerosols to start or rekindle the fire.

Warning: do not use flammable liquids or aerosols in the vicinity of this appliance when it is operating.

Warning: do not store fuel within heater installation clearances.

For your comfort, it is advised that you light your first fire with the windows open to allow the escape of paint fumes. This will normally happen for the first 30 minutes of the first burn.

Fully open the heat control. Place wood kindling and paper or firelighter in the firebox. Ignite and leave the door partially open by resting on the catch until the fire is blazing (4-5 minutes), and burns well with the door closed. Do this only from a cold start. Once the fire is underway, adjust the heat control to suit. If the firebox or the flue becomes visible red-hot, adjust the heat control to a lower heat position to avoid being unnecessarily harsh on the unit as well as wasting excessive heat up the flue.

Warning: always open the heat control before opening the fire door.

For long holding operation in a Clean Air Zone, level the ashes and load with the firewood lying front to back. After loading new wood, operate the fire with the heat control fully open for 20 minutes before closing the heat control to the lower burning position. By following this simple method of low burn firing, you will achieve very low emission rates and obtain the high efficiency burn that is associated with this product.

The fuel approved for use in Clean Air Zones in this appliance is wood with a moisture content of less than 25% of dry weight. This usually means green timber left for at least three months to air dry.

Caution: the use of some types of preservative-treated wood as a fuel can be hazardous.

Caution: this appliance should not be operated with cracked glass.

Caution: this appliance should be maintained and operated at all times in accordance with these instructions.

The door must be closed at all times during the operation, except during refuelling and occasional poking of the fire when necessary. Ensure door seals are maintained in good condition.

Your appliance and flue system should not be modified in any way without the approval of the manufacturer.

Creosote Formation

A small intense fire is preferable to a large smouldering one, to reduce the amount of creosote. When wood is burned slowly it produces tar and other organic vapours, which combine with expelled vapour to form creosote. These creosote vapours condense in the relatively cool flue of a slow burning fire. As a result, creosote residue accumulates on the flue. When ignited, this creosote makes an extremely hot fire.

The flue should be checked at least every 2 months, during the burning season, to determine if a creosote build up has occurred. If this is the case, it should be removed by a chimney sweep to reduce the risk of an unexpected flue fire.

Your appliance has been designed to produce low levels of creosote at high and low settings.

In the event of a chimney fire, close the firebox door, fully close the heat control, vacate the premises and call the fire service.

Storage of Fuel

Do not store fuel within installation clearances or within the space required for refuelling or ash removal.
Wood should always be stored in a dry place out of the rain. We recommend your wood be seasoned for at least 3 months before use. Dry wood also burns hotter and more efficient than wet wood.

Consumables

Some parts of your JAYLINE IS500 fire are considered consumable. They are designed to be replaced as they will degrade over time. The life of the consumables will vary depending on;

- Frequency of use. How often the fire is used
- Rate of burn. Is the fire burning on low or high the majority of time
- Type of fuel. Some woods and coals are much harsher than others.
- Level of ash. High levels of ash can push embers up and over rear air tubes

General items that are considered consumables:

- Baffles
- Fire bricks
- Air tubes
- Glass and door ropes

It is very important that you replace these parts when they show sign of wear. They effect how the fire runs and you may increase your fuel consumption or lower your efficiency if not replaced, and can in some cases, damage the firebox. It is generally obvious once a part is in need of replacement. Steel components may split or large holes may appear, fire bricks may crack and disintegrate. We recommend you check your fire visually several times a year for damaged components.

Caring for your Fire

Cleaning your Glass
Wiping your glass regularly with a damp cloth when cold will keep the glass clean. If a thick build up of creosote builds up, oven cleaner works well to remove it.

Cleaning the Outside of the Fire
The JAYLINE IS500 is finished in a high temperature paint. Only use a damp cloth (no chemicals) when cleaning the outside of the fire. If any scratches occur, you can easily touch up the fire with an aerosol can of matching paint. This is available from your retailer or Harris Home Fires.

Cleaning the Flue
Keeping your flue clean is important. We recommend that you have your chimney swept at least once a year. A blocked flue not only effects the performance of the fire, but can also be a hazard as you are susceptible to chimney fires.

Ash Level
It is important to maintain a 2 - 3cm level of ash in the bottom of the fire for insulation purposes. But do not let the level get too high as you run the risk of logs and coals falling out of the fire. You also get less wood in the firebox.

Disposal of Ashes
Ashes should be placed in a metal container with a tight-fitting lid. The closed container of ashes should be placed on a non-combustible floor or on the ground well away from all combustible materials, pending final disposal once cooled.

Attach Receipt Here

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10 Year Firebox Warranty

Your JAYLINE IS500 fire is warranted for a period of 1 year to the original purchaser, from the date of purchase, against defects of manufacture which includes the firebox and parts (fire bricks, baffles, air tubes, door glass and door seals).

If a part defect occurs, return the part to the retailer or directly to Harris Home Fires along with a copy of the retailers receipt and the part will be replaced at no cost.
If a firebox defect occurs, either contact the retailer or Harris Home Fires and it will be repaired or replaced at our discretion.
This warranty does not cover damage caused by mishandling, misuse, failure to follow the manufacturer's installation and operating instructions, or work done by others, such as installers, or plumbers etc. The manufacturer shall not be responsible for site conditions such as insufficient draught, downdraughts, or routine servicing and adjustments.
Damage caused by the failure to replace consumables like air tubes, baffles and fire bricks may void the warranty.

Your JAYLINE IS500 firebox is then covered by a further 9 year warranty against defect during normal domestic use.
In the case of a claim after the first year, it shall be the owner's responsibility and expense to deliver the JAYLINE IS500 fire to the dealer from whom it was purchased or Harris Home Fires, and the reinstallation after any repair has been made. Harris Home Fires will arrange pick-up, repair and refurbish the fire, including painting as necessary and deliver the fire back to the retailer or customer.