

READ THESE INSTRUCTIONS AND SAVE FOR FUTURE REFERENCE

JAYLINE

MODEL: DM500

Complies with AS 1690 - 1975

CONTENTS

- | | |
|-----------------------------|----------------------|
| 1. Installation | Hearth requirements |
| 2. Installation | Seismic restraint |
| 3. Installation | Flue Kit |
| 4. Installation | Tank and Connections |
| 5. Installation | Hot water |
| 6. Pre Commissioning checks | |
| 7. Commissioning | |
| 8. Servicing | |

Installation should be undertaken by a qualified installer, and preferably one associated to an accredited Jayline Oil Stove dealer and shall be installed in accordance with the regulations of the Local Building authority.

- Your Jayline Oil Stove must be installed on a level surface, but can be installed on a floor of any combustible or non combustible material. However, if the stove is to be installed on carpet of any description, we recommend that a hearth of 6mm Hardiflex (or similar material) tiled to suit be used. This hearth should be approx 150mm beyond the stove,

on all four sides. Although such a hearth is not a legal requirement, it will avoid absorption of fuel oil into the carpet if ever a leak occurred in the future.

- Secure the stove, through the hearth, to the floor using the seismic restraint bracket at the back of the pedestal. Fix using Dynabolts or similar fixing device, ensuring that the clearances in Fig 1 are adhered to.

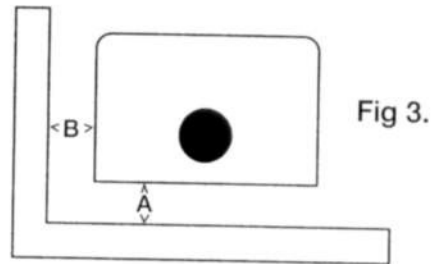


Fig 3.

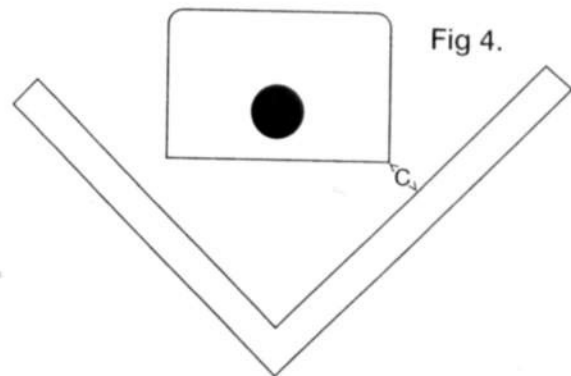


Fig 4.

Clearances to combustible materials

Fig 1.

		BARE FLUE
A.	Stove rear to back wall	100mm
B.	Stove rear to back wall	50mm
C.	Stove corner to side wall at 45degrees	50mm


HARRIS FLAME TECHNOLOGY
OIL FLUE KIT

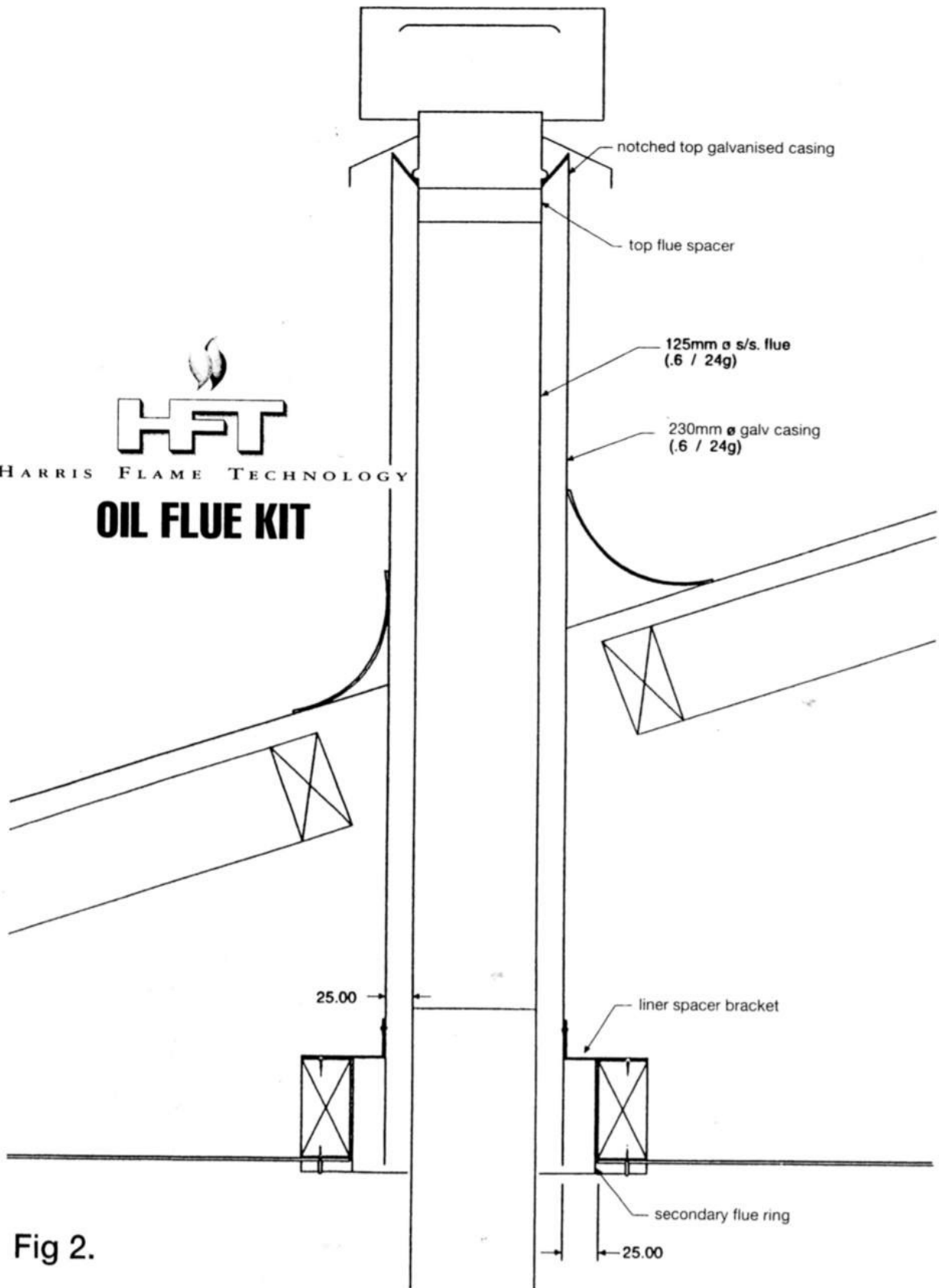
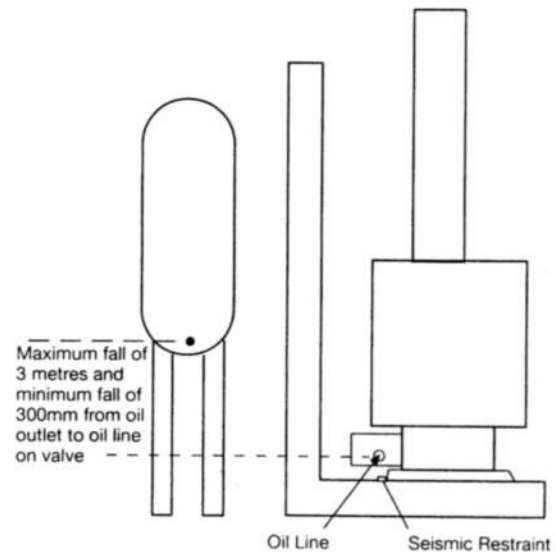


Fig 2.

1. Install the Jayline Oil Stove flue kit as shown in Fig 2. The overall height of the flue system shall not be less than the installed length of stainless steel flue in the standard Heatsaver Oil Stove flue kit.
2. If not connecting to an existing oil installation, we recommend the use of an HFT oil storage tank which is OSH approved and meets NZS 4203 requirements. There are regulations that effect the siting of the tank. We suggest that AS 1691 be the document to be quoted and followed for this procedure. Refer fig 5.
3. Your Jayline Oil Stove can be connected to most low pressure hot water systems and provide ample quantities of hot water for domestic use. Discuss this possibility with your plumber and do not allow any water element, other than the genuine factory Jayline Oil Stove water booster, to be fitted to your new stove.
6. Once the stove has been correctly installed and connected to the oil tank, it is time to do the following pre commissioning checks.
 - a) Check you have the correct fuel in your tank. Jayline oil heaters are designed to run on diesel fuel in New Zealand.
DO NOT USE ANY FORM OF LUBRICATION OIL, NEW OR USED.
 - b) Open the tank valve and check for any leaks.
 - c) If a water booster is fitted, ensure the booster is correctly plumbed to the water cylinder. DO NOT light the stove if water cannot flow through the booster.
 - d) Ensure the flue draught balancer is free to open and close.

FIG 5.



Commissioning

Light the stove following these simple steps:

- a. Open the firebox door and remove the catalyser in the burner.
- b. Place one cube of solid fuel firelighter in the bottom of the burner towards the right hand side. (Ensure no oil flooding has occurred). If flooding has occurred, turn oil valve to OFF position. Remove excess oil.
- c. Light the firelighter cube and replace the catalyser.
- d. Close the door until the latch touches the body of the stove - do not fully close yet.
- e. Turn down the oil control dial to 1 and open the oil flow reset lever at the outside end of the oil valve.
- f. Close the fire box door after about 60 to 90 seconds.

g. Do not adjust the oil flow until a blue flame is visible. It is now time to adjust (if necessary) High and Low burn oil flow. At high burn the flame should be a bright yellow colour with blue at the base, and the tips of the flame should not quite touch the underside of the baffle. Higher than this and the oil flow on high needs to be reduced by adjusting at the oil valve. The instructions as to which adjusting screw and which way, are printed on the top plate.

Do not adjust more than 1/4 of a turn at once, and wait at least 10 minutes between adjustments. Once the correct high flame has been achieved, turn the heat setting to 1, and wait for a stable low fire flame.

The correct low flame should be blue only and the blue flame should just cover the top of the catalyser.

If the stove is running mostly blue flame at high burn, usually winding out the counter weight on the draught balancer will allow the flame to turn yellow.

If you have a yellow flame on low, it may need extra fuel, or the balancer may be open when it shouldn't be. Winding in the counterweight will allow the balancer to close on low setting and increase the amount of blue flame.

All these adjustments and settings should only be performed by a trained Jayline Oil stove technician.

Servicing

- a. Clean the oil filter (yearly). Should be performed by a Jayline Oil Stove technician.

Any other product queries can be directed to:



- b. Remove catalyser and ring from the burner, unscrew and operate the oil injector cleaner rod by turning 360 degrees several times while moving in and out. Replace and re-tighten (3 monthly).
- c. Vacuum the inside of the burner to remove any deposits (3 monthly).
- d. Lightly brush and vacuum the catalyser and replace ring and cylinder (3 monthly).

Operating Instructions

DO NOT LIGHT UP THE APPLIANCE UNTIL CERTAIN THAT THE INSTALLATION HAS BEEN PASSED BY THE INSTALLER AS BEING COMPLETE AND TESTED.

To light your oil stove, follow steps a to g in the commissioning section.

LIGHTING THE APPLIANCE WITH A FLOODED BURNER MAY RESULT IN A CRACKED GLASS OR MIRROR.

This damage is not covered by the Jayline Warranty as it is a result of incorrect use.

Flooding can occur through one or more of the following situations:

- 1). Lighting the heater with the oil valve set higher than 1
- 2). Turning the oil valve on BEFORE lighting fire cube during ignition procedure.
- 3). Turning the oil valve higher than 1 before full blue flame is established.

To extinguish your stove, turn the heat control dial to OFF (O) and feel the click between 1 and O. It is advised as a double safety measure to click off the oil flow reset lever.

YOUR SERVICE AGENT IS:

Name

Address

Telephone