

INSTALLION INSTRUCTIONS DUCTED

SYSTEM IS700-IS900

Australian Patent
PN 200110001S

Serial Number: _____ B.D. Number: _____

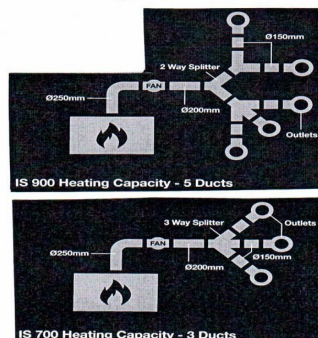
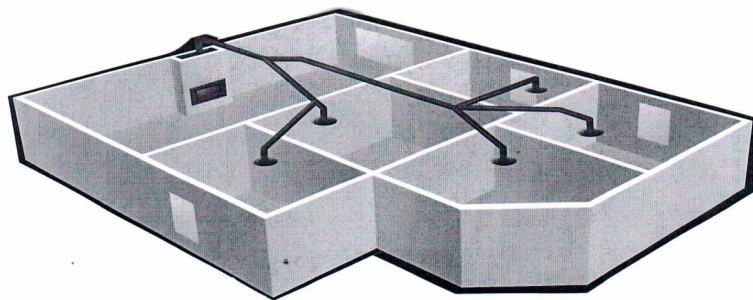


TABLE OF CONTECNTS

<u>Contents</u>	<u>PAGE</u>
Front Cover	1
Index	2
Timber frame construction positioning of Heater.	3
Connecting gas supply, connecting fluing system, connecting power to heater.	4
Fitting offtake duct to heater.	5
Fit inline fan into position, fit 6m 250m Duct offtake and inline fan.	6
40 degree tempreture switch and fan speed controller installation.	7
Commissioning of heater and ducting system	8
Access panel installation IS700	9
Access panel installation IS900	10
Ducting installation	11

Timber Frame Construction for Ducted IS700—IS900

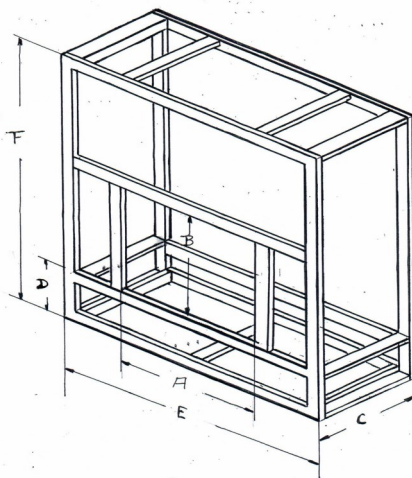
STEP 1:

Build timber frame construction, see illustration below.

Take note of required clearances and access panels required for removal of the off take and fluing system required for servicing of heater.

Note:

Heater must be installed minimum of 300mm of the floor.



MODEL IS700

A) W=780

B) H=655

C) D=580

D) H=300

E) W=1500

F) H=2000

MODEL IS900

A) W=1100

B) H=715

C) D=670

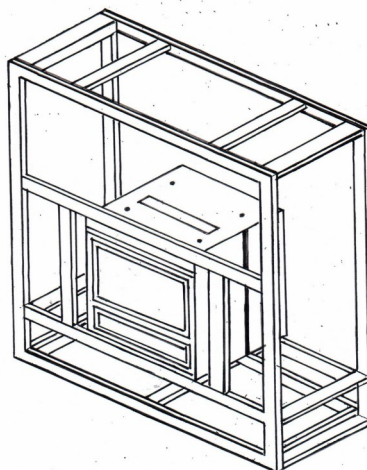
D) H=300

E) W=1700

F) H=2000

STEP 2:

POSITION HEATER INTO TIMBER FRAME CONSTRUCTION, SEE BELOW



CONNECTING GAS SUPPLY TO HEATER

STEP 3:

Follow instructions in line with manufactures operating and installation manual.

IS700 pages 23, 24

IS900 pages 20, 32, 33

STEP 4:

CONNECT FLUING SYSTEM TO HEATER

Follow instructions in line with manufactures operating and installation manual.

IS700 pages 13, 16, 17, 18, 19. Single flue installation

IS700 pages 14, 15, 16. CoAxial flue installation

IS900 pages 16, 18, 19, 20, 21, 22. Single flue installation

IS900 pages 17, 23, 24. CoAxial flue installation

STEP 5:

CONNECT POWER TO HEATER

NOTE:

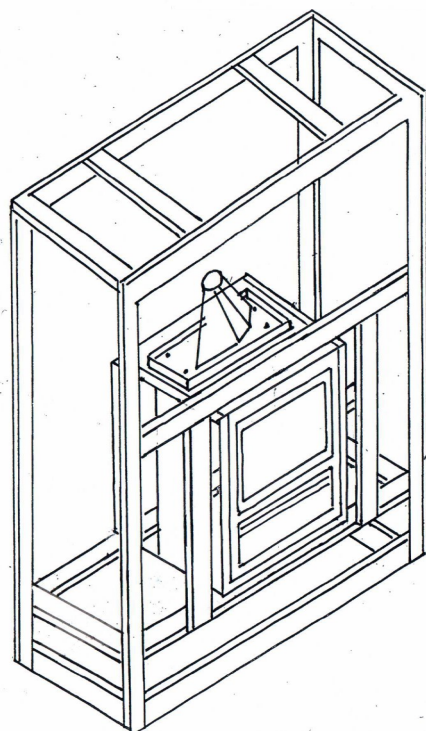
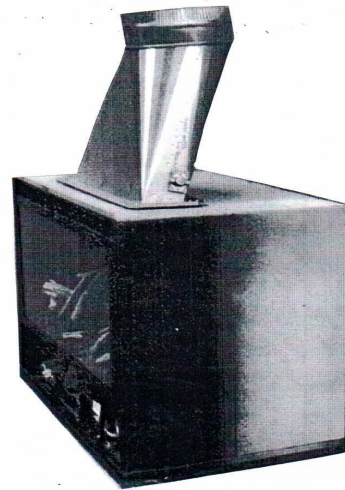
If heater is directly wired to main electricity supply external power isolation switch is to be installed to enable heater to be isolated from incoming mains power.

STEP 6:

FIT OFFTAKE DUCT TO HEATER

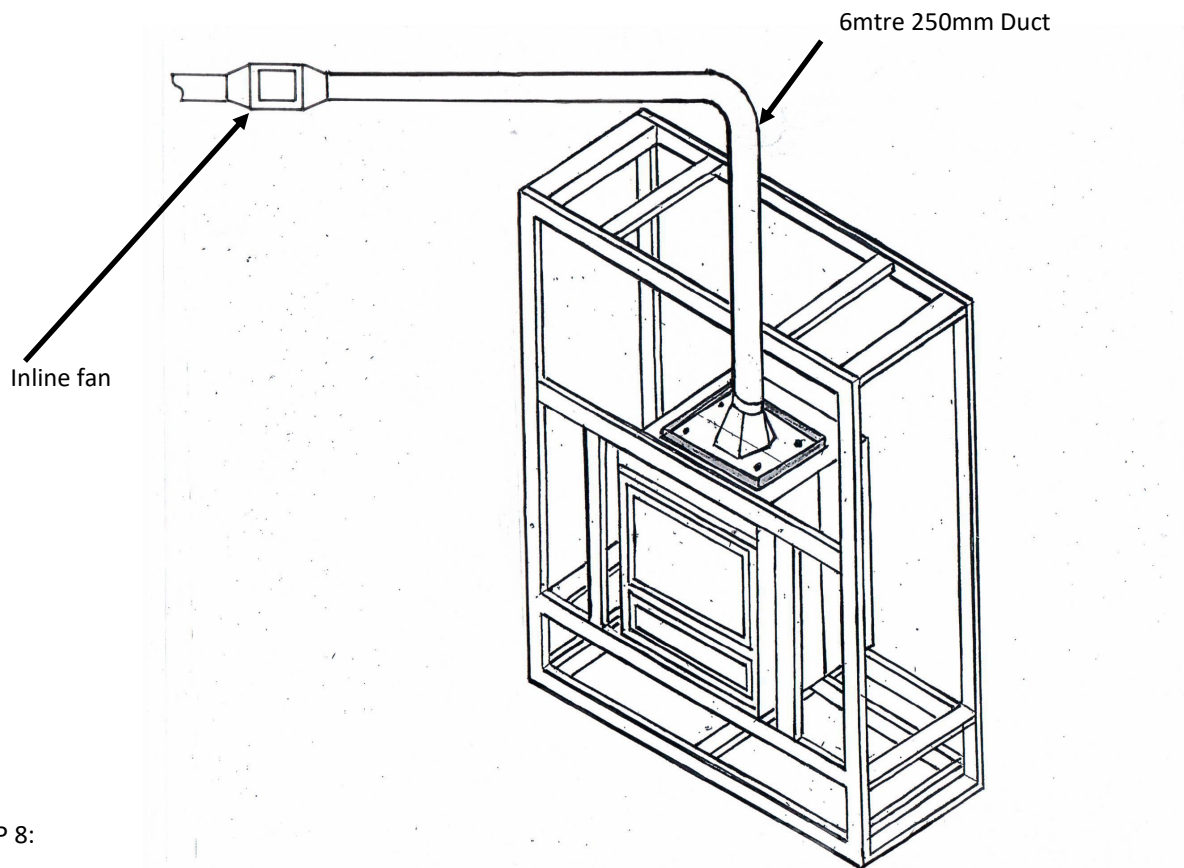
Note:

Secure offtake to top panel with wing nuts.



STEP 7:

CONNECT 6 MTRS OF 250MM DUCT TO OFFTAKE



STEP 8:

FIT INLINE FAN WITH SUPPORT BRACKETS TO 250MM TO DUCT

NOTE:

Minimum distance of inline fan MUST be 6 meters from offtake. See above. Inline fan brackets to be secured with screws to timber base.

Please note, inline fan must be installed with support brackets provided and fitted and screwed to solid timber-base to absorb fan motor vibration. If this is not done it will void the warranty from motor supplier.

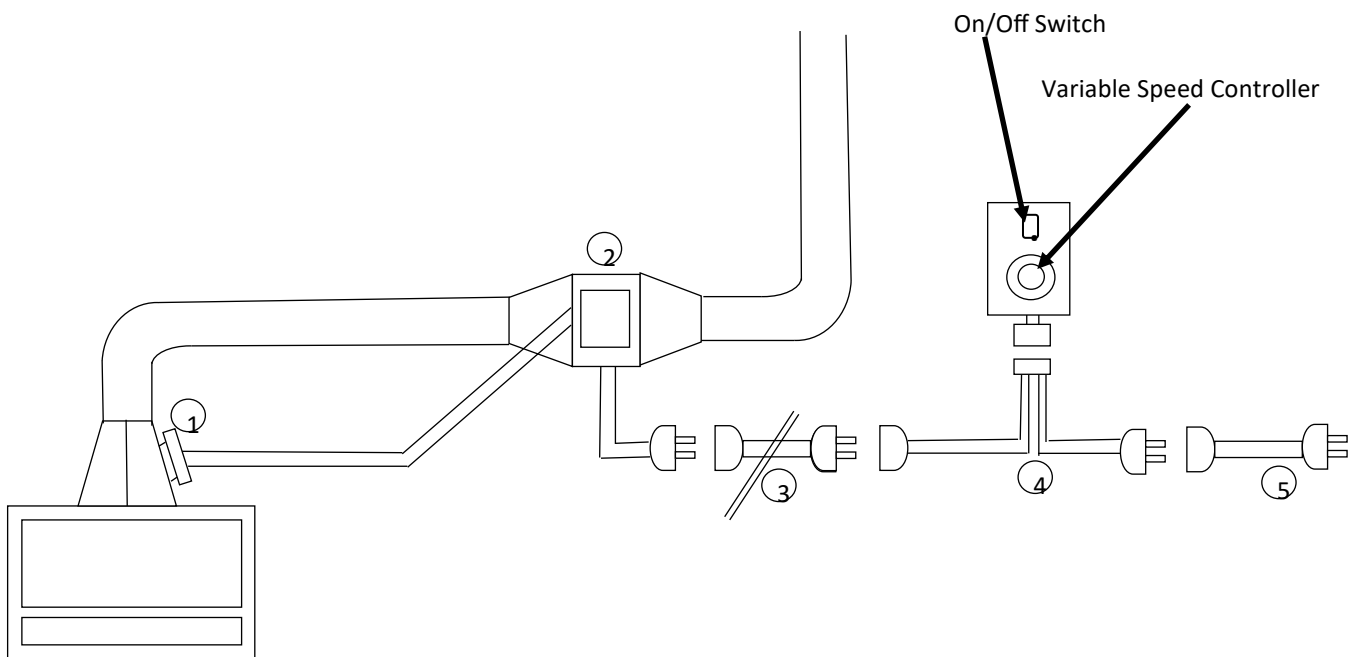


Connect 40 degree temperature switch cable from the inline fan to Offtake.

Install fan speed controller with leads and plugs supplied.

See below:

ELECTRICAL DIAGRAM FOR DUCTING



AURORA GAS HEATER

1- DUCTING TAKE-OFF WITH 40'C TEMP, SWITCH

2-DUCTING FAN WITH LEADS AND PLUG * 3-240 VOLTS. EXTENSION LEAD AS REQUIRED LENGTH (NOT SUPPLIED)

4-FAN SPEED CONTROLLER WITH LEADS AND PLUGS

5-240 VOLTS EXTENSION LEAD, LENGTH AS REQUIRED (NOT SUPPLIED)

COMMISSIONING HEATER AND DUCTING SYSTEM

Prior to Finish of Timber Frame construction with sheet plaster or alternative materials test run heater and ducting system.

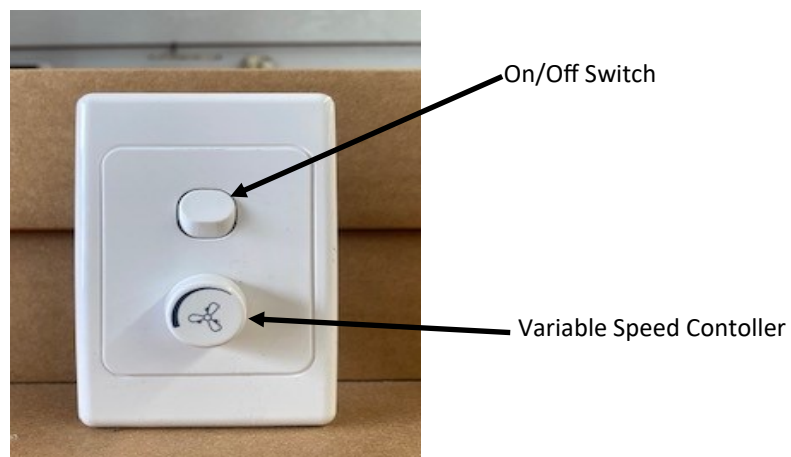
- 1) Remove main door from heater.
- 2) Remove packaging material from inside firebox.
- 3) Check log placement ensure all logs are in correct position.
- 4) Test run heater either manually with heater operating switches or with remote control operation to ensure heater and ducting system is operating correctly.
- 5) Follow instructions in operating manual for heater operation.

NOTE:

For ducting system to be activated the heaters needs to be operating on both burners for 30 Minutes in order for the inline fan to be activated.

Note:

Speed controller switch to be in ON position and turn speed controller switch for selection of heat output to ducting system. PLEASE SEE BELOW:



ACCESS PANEL INSTALLATION IS700**After heater and ducting system has been
successfully commissioned.**

Finish off timber frame construction with sheet plaster or alternative materials.

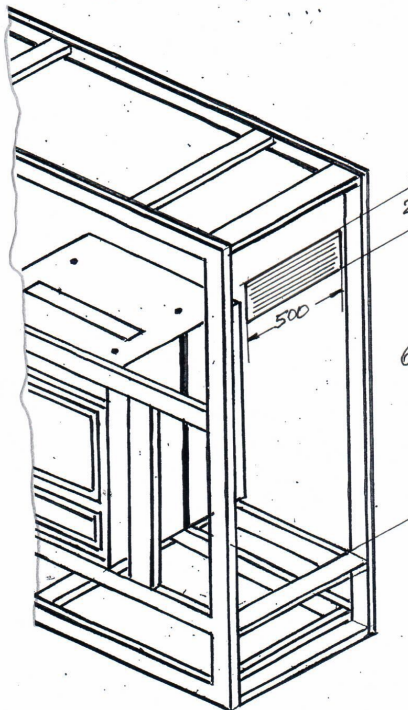
NOTE:

Access panel on R/H and L/H side in plaster sheet or alternative materials are required for the removal of the OFFTAKE and flue system.

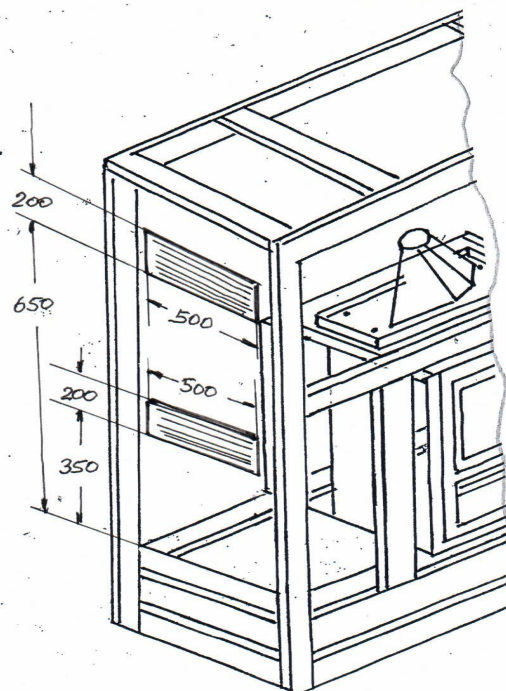
For servicing of the combustion fan and heat exchanger which are located at the back of the heater.

Follow instructions supplied, and illustration below.

Access panel construction R/H side timber frame construction Model IS700



Access panel construction L/H side timber frame construction Model IS700



ACCESS PANEL INSTALLATION IS900

After heater and ducting system has been successfully commissioned.

Finish off timber frame construction with sheet plaster or alternative materials.

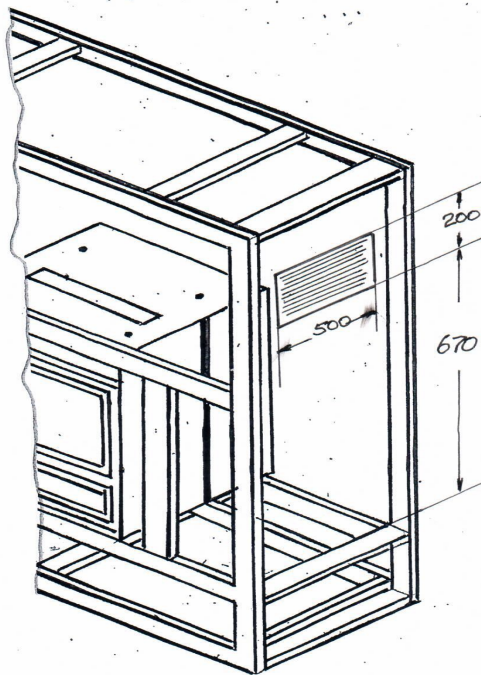
NOTE:

Access panel on R/H and L/H side in plaster sheet or alternative materials are required for the removal of the OFFTAKE and flue system.

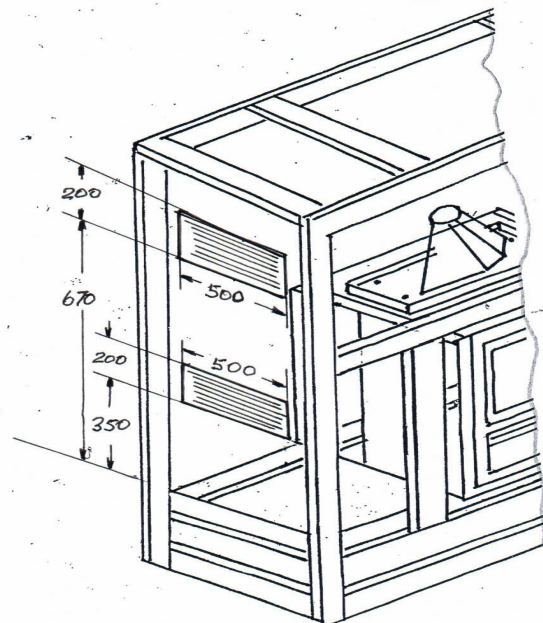
For servicing of the combustion fan and heat exchanger which are located at the back of the heater.

Follow instructions supplied, and illustration below.

Access panel construction R/H side timber frame
construction Model IS900



Access panel construction L/H side timber frame
construction Model IS900



DUCTING INSTALLATION

Finish off Ducting System in line with customer requirements

Note:

IS700 Maximum outlets 3

IS900 Maximum outlets 5

