

# GAS FIRED STOVES

(ROOM SEALED)

## INSTALLATION AND SERVICING INSTRUCTIONS

(To be left with customer)

700 DV

DRAGON DV



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## 1. TECHNICAL INFORMATION

GAS	NATURAL GAS (G20)	PROPANE (G31)	NATURAL GAS (G20)	NATURAL GAS (G25)
CATEGORY	I <sub>2</sub> H	I <sub>3</sub> P	I <sub>2</sub> ELL	I <sub>2</sub> ELL
HEAT INPUT (GROSS) MAX	7.55kW	7.0kW	7.55kW	6.3kW
HEAT INPUT (GROSS) MIN	3.8kW	3.5kW	3.8kW	3.2kW
HEAT OUTPUT MAX	5.32kW	5.0kW	5.32kW	4.5kW
SUPPLY PRESSURE	20 mbar	37/50 mbar	20 mbar	20 mbar
SETTING PRESSURE	18.6 mbar High 5.2 mbar Low	35.3 mbar High 9.7 mbar Low	18.6 mbar High 5.2 mbar Low	18.2 mbar High 5.2 mbar Low
INJECTOR SIZE BURNER	82/530	92/220	82/530	82/530
INJECTOR SIZE PILOT	No33	No23	No33	No33
GAS CONNECTION	RC3/8	RC3/8	RC3/8	RC3/8
GAS CONSUMPTION	0.72m <sup>3</sup> /h	0.26m <sup>3</sup> /h	0.72m <sup>3</sup> /h	0.6m <sup>3</sup> /h
COUNTRIES	AT, CH, CZ, DK, FL, GB, IE, IT, LT, LV, NO, SE, GR	BE, CH, CZ, ES, FR, GB, IE, GR, PL, PT	DE	DE

GAS	NATURAL GAS (G25)	NATURAL GAS (G20&G25)	LPG (G30&G31)
CATEGORY	I <sub>2</sub> L	I <sub>2</sub> E, I <sub>2</sub> E+	I <sub>3</sub> B/P(30)
HEAT INPUT (GROSS) MAX	8.1kW	7.55kW	7.0kW
HEAT INPUT (GROSS) MIN	3.9kW	3.8kW	3.5kW
HEAT OUTPUT MAX	5.5kW	5.32kW	5.0kW
SUPPLY PRESSURE	25 mbar	20 mbar	28/30 mbar
SETTING PRESSURE	21.3 mbar High 6.4 mbar Low	18.6 mbar High 5.2 mbar Low	28.8 mbar High 8.0 mbar Low
INJECTOR SIZE BURNER	82/600	82/530	92/200
INJECTOR SIZE PILOT	No33	No33	No23
GAS CONNECTION	RC3/8	RC3/8	RC3/8
GAS CONSUMPTION	0.875 m <sup>3</sup> /h	0.72 m <sup>3</sup> /h	0.2 m <sup>3</sup> /h
COUNTRIES	NL	BE, DE, FR, LU	AT, CH, CZ, DK, FL, GR, HU, IT, LT, LV, NO, SE

## 2. IMPORTANT NOTES

This stove is a room sealed fuel effect radiant convector. Before installation ensure that the local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible.

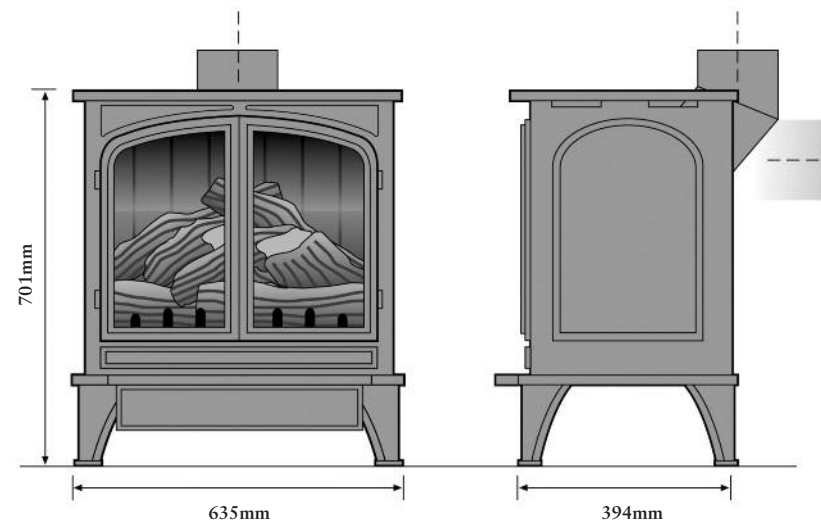
The data label is located at the rear of the stove.

The installation must be in accordance with these Instructions and National Regulations and must be carried out by a qualified installer.

All surfaces except the control knob are considered to be working surfaces.

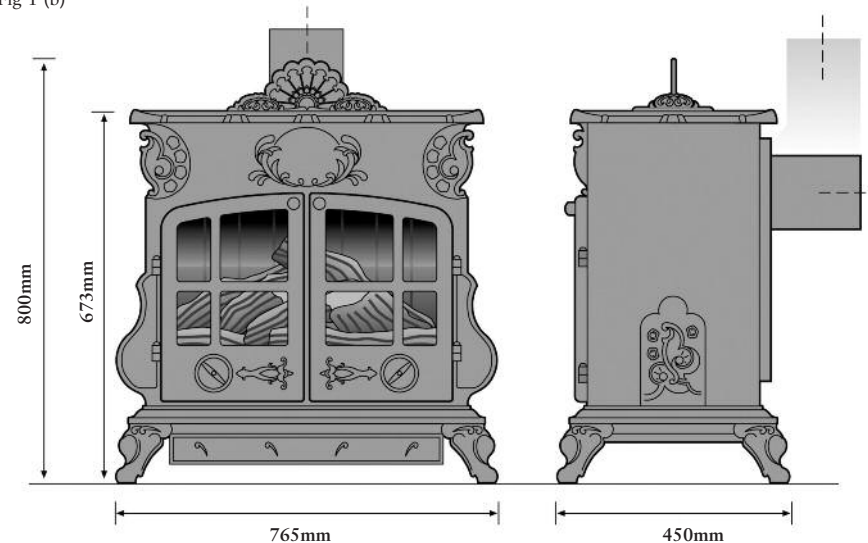
## 700 DV DIMENSIONS

Fig 1 (a)



## DRAGON DV DIMENSIONS

Fig 1 (b)



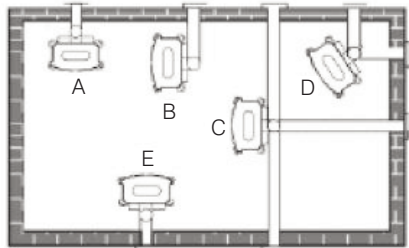
### 3. INSTALLATION

Install the stove in accordance with the requirements given below. If a concealed gas connection is to be made prepare the pipework prior to installing the stove.

#### I. SITING THE STOVE

The stove can be installed in any adequate area suitable for gas fires and stoves.

Siting the Stove - Fig.2



Direct Vent System Only

- A. Flat on corner wall
- B. Room divider
- C. Island
- D. Cross corner
- E. Flat on wall

The stove will heat nearby surfaces when operating. A safe installation requires that adequate clearance be maintained between the stove and nearby combustible materials to ensure that such materials do not overheat.

The diagrams that follow illustrate the minimum clearances for the appliance in parallel, corner and alcove installations.

Minimum clearances to combustible materials measure side clearances as shown in figures 3 and 5 from the outer edge of the cast iron stove top. Measure the rear clearances from the outermost surface of the steel rear skirt.

The stove is approved for alcove installation (see fig. 6)

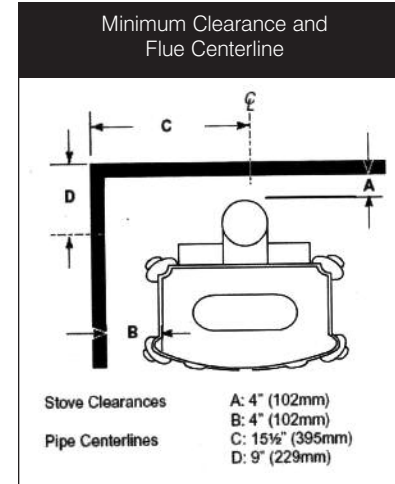
In choosing a location for the stove, consider:

- ❖ the location of the outside wall.
- ❖ where additional heat is needed.
- ❖ the vent system requirements.

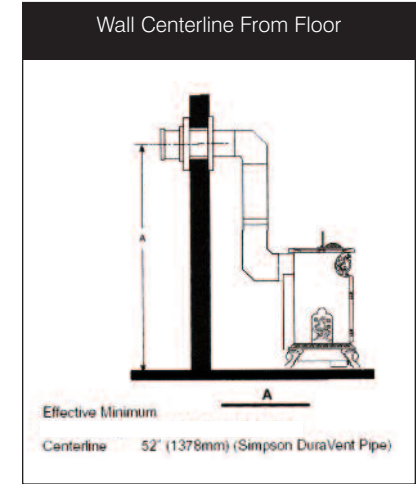
#### NOTE

We do not recommend the use of wallpaper next to this stove. Over time, radiant heat may cause the wallpaper to shrink, or may adversely affect the binders in the wallpaper adhesive.

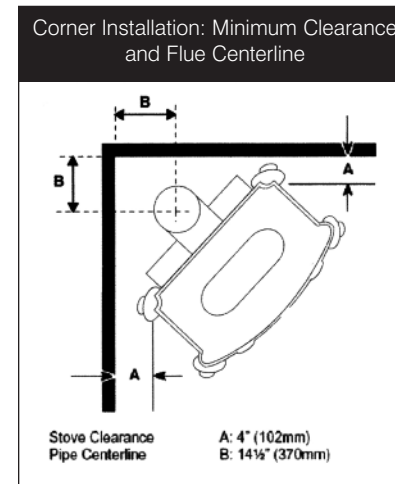
Parallel installation, minimum back and side clearances, and flue centrelines - Fig. 3



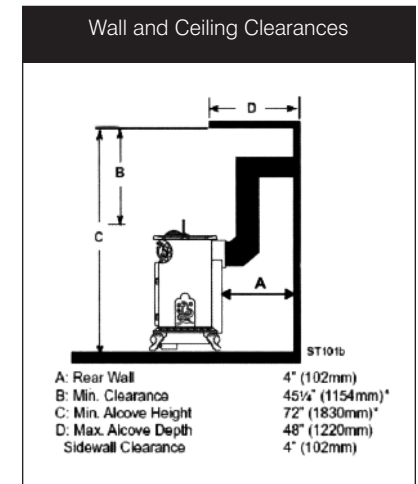
Minimum wall thimble centreline. - Fig. 4



Corner Installation, minimum clearance and flue centerline. - Fig. 5



Dimensions and clearances to ceiling or alcove. - Fig. 6



## Hearth

The stove must stand on a fireproof hearth made of non-combustible material of minimum thickness 12mm and be of sufficient size to accommodate the stove. (See Fig. 1).

## Fire Surround & Shelves

It is recommended that a fire surround should not be closer than 610mm from the stove, if

manufactured from a combustible material. A combustible shelf may be fitted provided that it is not more than 150mm deep and there is at least 610mm clearance from the top of the stove.

## ii. VENTILATION

As the stove is room sealed purpose provided ventilation is not normally required.

### Approved Dragon/700 Vent System Components

The Dragon/700 heater must be vented to the outdoors through an adjacent exterior wall or through the roof. The venting system must be comprised of the

appropriate listed venting components specified on this page. These parts are available from Duravent or Selkirk corporations or your ESSE dealer.

SIMPSON DURAVENT COMPONENTS:	Parts No:
90° ELBOW, BLK	990B
45° ELBOW, GAL	945
6" STRAIGHT, BLK (15cm)	908B
9" STRAIGHT, BLK (23cm)	907B
11"-14" ADJUSTABLE STRAIGHT SECTION (28 - 36cm)	911B
12" STRAIGHT (30cm)	906
24" STRAIGHT (60cm)	904B
36" STRAIGHT (90cm)	903B
48" STRAIGHT (120cm)	902
HORIZONTAL SQ TERMINATION	984
WALL PLATE	940
VINYL SIDING SHIELD	950
SNORKEL TERMINATION 14" (36cm)	982
SNORKEL TERMINATION 36" (90cm)	981
WALL STRAP	988
CATHEDRAL CEILING SUPPORT BOX	941
STORM COLLAR	953
FIRESTOP SPACER	963
FLASHING 0/12 - 6/12	943
FLASHING 6/12 - 12/12	943S
VERTICAL TERMINATION CAP	991

All Duravent straight vent pipe sections have a net length 1.5" (37mm) less than the nominal dimension. I.e., a 6" (152mm) straight pipe section has an effective length of 4.5" (115mm).

## iii. FLUE CONNECTION

### DIRECT VENT HORIZONTAL TERMINATION

The maximum horizontal run with no vertical rise is 18" (46cm) plus the starter elbow and snorkel kit.

#### NOTE

A 14" (36cm) or 18" (46cm) snorkel kit must be fitted

The horizontal run may extend up to 20' (6m) and include a vertical rise of up to 30' (9m). The horizontal run must not exceed 3 times the vertical rise (eg. for 4 foot (120cm) vertical rise the horizontal run must not exceed 12 foot (360cm).

#### NOTE

1 - 90° elbow is equivalent to 1m.  
1 - 45° elbow is equivalent to 0.5m.

### DIRECT VENT VERTICAL TERMINATION

A vertical vent system must terminate no less than 8' (2.44m) and no more than 30'

1. No more than 3 90° elbows may be used.
2. Two 45° elbows may be substituted for one 90° elbow. no more than six elbows may be used.
3. Termination height must conform to roof clearance as specified in fig. 8.

NOTE: 2 restrictor plates are supplied:-

- 1 - 2" Diameter (50mm)
- 1 - 2 1/4" Diameter (56mm)

Fit the correct restrictor plate as shown in Fig 12 in accordance with Fig. 7.

When planning the installation, consider the location of the vent terminal and clearances. Some of the most common clearances to keep in mind are shown in Fig. 3.

#### IMPORTANT

All vent clearances must be maintained. Check your vent termination clearances against Fig. 8.

burned by accidentally touching the vent surfaces when the stove is operating. The vent termination should be located where it cannot be damaged by such things as lawn mowers, etc and it should be located away from areas where it could become blocked by snow or leaves etc.

Some considerations are:

- ❖ Obstructions or impediments to venting.
- ❖ Nearby combustible materials that could come into contact with combustible exhaust gases.
- ❖ Other nearby openings (within 12" (305mm)) through which exhaust gas could re-enter the building.
- ❖ All vegetation within 3' (76mm) that may interfere with the draft. Other factors that influence where the installation will be sited include the location of outside walls, where additional heat may be desired in the home, where the family members gather most regularly and perhaps most importantly, the distance limitations of the venting system.

#### IMPORTANT

- The horizontal termination must not be recessed into the exterior wall or siding.
- Horizontal vent runs must be level toward the vent termination.
- Clearances around the vent termination must be maintained.
- For installations using Simpson DuraVent pipe, parallel installations with minimum wall clearance have restricted access for connecting the Horizontal Vent Cap straps to the vent pipe. See the maker's instructions for recommended installation procedures.

Fig. 7

Up to 12FT (360cm)	No Restrictor
12 FT to 24 FT (360 - 720cm)	2 1/4" Restrictor (56cm)
24 FT to 30 FT (720 - 900cm)	2" Restrictor (50cm)

The vent should be placed so that people cannot be

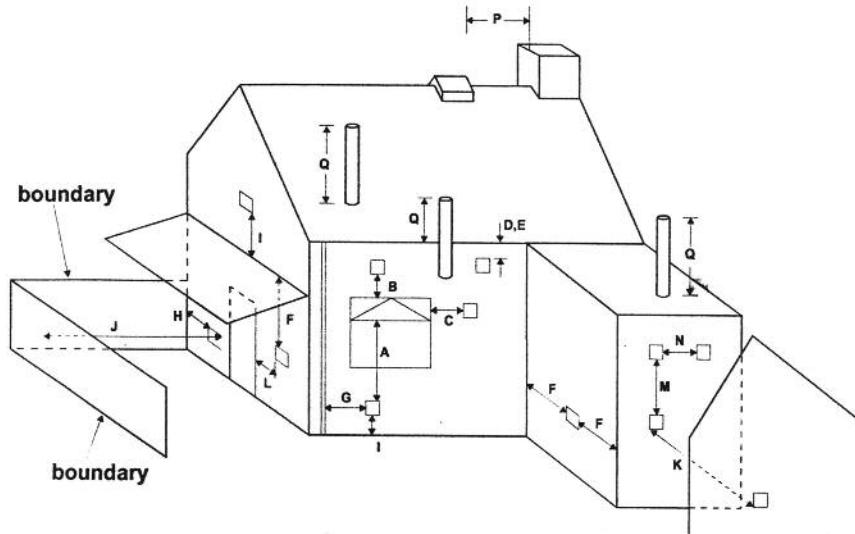


Table to Fig. 8: Location of outlets from flues serving gas appliances (dimensions in mm)

Location	Balanced flue	Location	Balanced flue
	Natural draught		Natural draught
A. Below an opening (1)	300	L. From an opening in the car port into the building	1200
B. Above an opening (1)	300	M. Vertically from a terminal on the same wall	300
C. Horizontally to an opening (1)	300	N. Horizontally from a terminal on the same wall	300
D. Below gutters, soil pipes or drain pipes	300	P. From a structure on the roof	N/A
E. Below eaves	300	Q. Above the highest point of intersection with the roof	N/A
F. Below balcony or car port roof	600		
G. From a vertical drain pipe or soil pipe	300		
H. From an internal or external corner or to a boundary alongside the terminal (2)	600		
I. Above ground, roof or balcony level	300		
J. From a surface or a boundary facing the terminal (2)	600		
K. From a terminal facing the terminal	600		

**NOTES:**

1. An opening here means an openable element, such as an openable window, or a fixed opening such as an air vent. However, in addition, the outlet should not be nearer than 150mm (fanned draught) or 300mm (natural draught) to an opening into the building fabric formed for the purpose of accommodating a built element, such as a window frame.
2. Boundary as defined in Paragraph 0.4 (4). Smaller separations to the boundary may be acceptable for the appliances that have been shown to operate safely with such separations from surfaces adjacent to or opposite the flue outlet.
3. Should not be used.
4. This dimension may be reduced to 75mm for appliances of up to 5kW input (net).
5. N/A means not applicable.

**Removing the Log Set**

The Log Set is inside the firebox in a protective package.

The Glass Panel must be removed to install the Log Set in the firebox.

- 1) Lift off the top panel and place to one side. Remove the securing nut and lift off the front casting and place on one side.
- 2) Swing open the swiveling latches at the top left and right corners of the glass frame - see fig. 9.
- 3) Pull the top edge of the glass and frame assembly away from the firebox, and lift it off its supports on the bottom of the firebox face. Place the assembly out of the way on a flat, padded surface such as a counter protected by a towel.
- 4) Take the log set and all other loose parts out of the firebox, and set them aside in a protected spot, for installation after the venting is complete.

**NOTE**

Verify the explosion relief door (located at the back of the firebox, see fig.1) is properly seated on the gasket. The door should sit flush on the gasket. Grip the relief door and gently lift against the springs to ensure the door lifts off the gasket. Then release.

Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved for use with this heater may result in property damage or personal injury.

This heater and components are heavy. Have help available for assembly.



**ASSEMBLY PROCEDURES**

**Venting System Assembly - Direct Vent**

The Dragon/700 is approved for installation only with the vent components previously listed in the VENTING REQUIREMENTS section. Follow the vent component instructions exactly.

**Install Restrictor Plate**

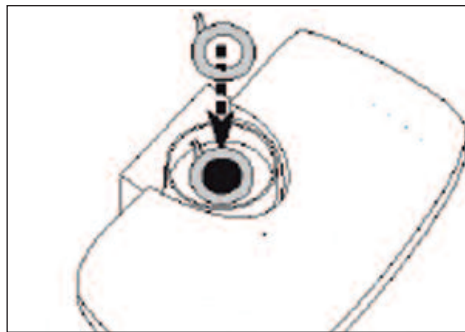
Install the Restrictor Plate. Consult the 'Vent Run Specifications' to determine whether the restrictor plate is needed. If so, put the restrictor plate in place within the inner flue collar as shown below.

Install the restrictor plate only if required for the venting configuration - Fig.10

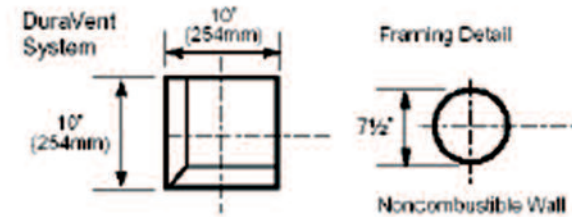


**Side Wall Termination Assembly**

Locate the vent opening on the wall. It may be necessary to first position the stove and measure to find the hole location. Depending on whether

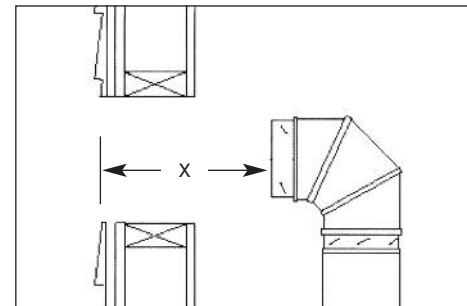


the wall is made of combustible materials, cut the opening to the size shown below. Combustible wall openings must be framed as shown on next page.

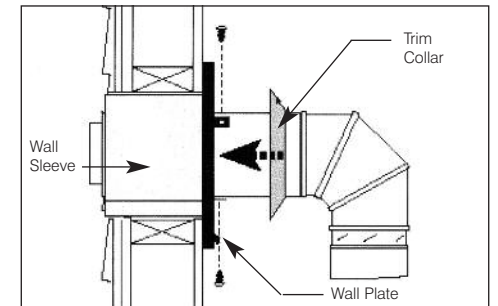


**For DuraVent pipe only:**

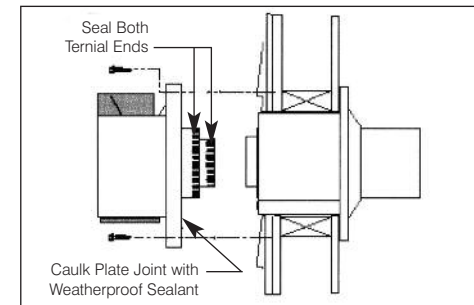
- ❖ Install vent pipe by aligning the locking system together, sliding the pipes together and twisting clockwise.
- ❖ Install 90° elbow. Twist lock as before.
- ❖ Slide the wall plate over horizontal run before attaching the horizontal run to the elbow. Fasten wall plate to wall.



Measure the horizontal length - Fig. 11



Install the horizontal pipe and wall plate parts - Fig. 12.



Install the vent terminal - Fig. 13

**For DuraVent/Selkirk Systems:**

Install the vent terminal. Apply high temperature sealant one inch from the ends of the inner and outer collars. Guide the inner and outer vent termination collars into the adjacent pipes. Double

check that the vent pipes overlap the collars by 2". Fasten the termination to the wall with the screws provided, and caulk the joint with weatherproof sealant.

### Vent Termination Below Grade

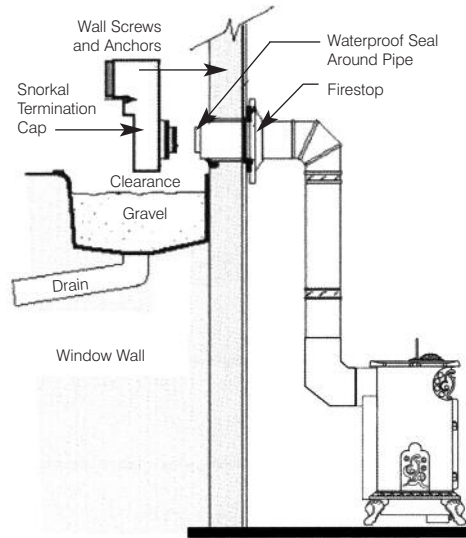
Install Snorkel Kit when it is not possible to meet the required vent termination clearances of 12" (305mm) above grade level. The snorkel kit will allow installation depth of down to 7" (178mm) below grade level. The seven inches is measured from the center of the horizontal vent pipe as it penetrates the wall. If the venting system is installed below grade, a window well must be installed with adequate and proper drainage. (Fig. 14)

#### NOTE

Be sure to maintain side wall clearances and vent run restrictions. Refer to Figures 3 through to 9.

1. Establish the vent hole through the wall.
2. Remove soil to a depth of approximately 16" (400mm) below the base of the snorkel. Install a window well (not supplied). Refill the hole with 12" (305mm) of coarse gravel and maintain a clearance of at least 4" (100mm) below the snorkel. (Fig. 14)
3. Install the vent system as described on previous pages.
4. Be sure to make a watertight joint around the vent pipe joint at the inside and outside wall joints.
5. Apply high temperature sealant around the inner and outer snorkel collars. Join the pipes and fasten the snorkel termination to the wall with the screws provided.
6. Level the soil to maintain a 4" clearance below the snorkel. If the foundation is recessed, use extension brackets (not supplied) to fasten the lower portion of the snorkel. Fasten the brackets to the wall first, and then fasten to the snorkel with self-tapping #8 x 1/2" sheet metal screws. Extend the vent pipes out as far as the protruding wall face.

Snorkel kit installation - Fig. 14



### Vertical (Through the Roof) Vent Assembly

This installation will require you to first determine the roof pitch and use the appropriate vent components. Refer to Figures 14 and 16.

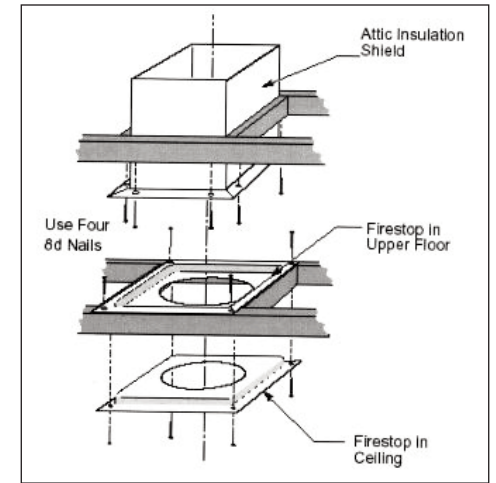
#### NOTE

All vertically terminated installations must include the restrictor plate included with the stove. Make certain the vent system conforms to all other requirements for vertical termination as specified.

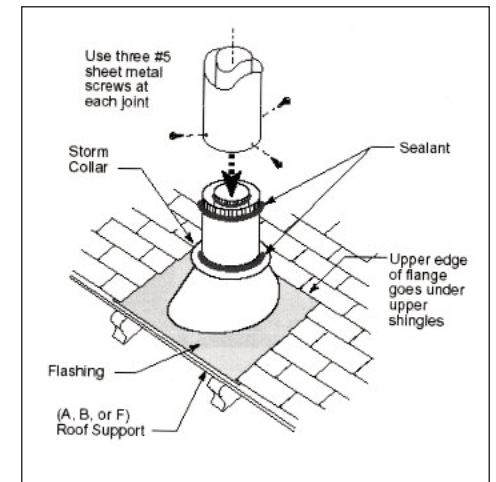
1. Locate the final position of the stove, observing all clearances for both the vent and the stove.
2. Plumb to the center of the inner (4") flue collar from the ceiling above, and mark that location.
3. **Cut the opening: DuraVent System: 10" x 10" (254mm x 254mm)**
4. Plumb any additional opening through the roof or other construction that may be needed. In all cases, the opening must provide a minimum of 1" (25mm) clearance to the vent pipe.
5. Place the stove in its final position.

6. Install firestop(s) and Attic Insulation Shield as needed. (Fig. 15) If there is a room above ceiling level, a firestop must be installed on both the bottom and top sides of the ceiling joists. If an attic is above ceiling level, an attic insulation shield must be installed.
7. Install the appropriate roof support and flashing, making certain that the upper flange of the flashing base is below the shingles. (Fig. 15)
8. Install appropriate pipe sections until the vent run reaches above the flashing. The enlarged ends of the vent sections always face downward.
9. Install the storm collar and seal around the joints. (Fig. 16)
10. Add additional vent lengths to achieve the proper overall height.
11. Apply cement to the inner and outer termination collars and install the terminal cap.

Install firestops and attic insulation shield - Fig. 15



Roof support and flashing - Fig. 16



## IV. GAS CONNECTION

The gas supply connection is at the left hand side of the stove and is size RC 3/8.

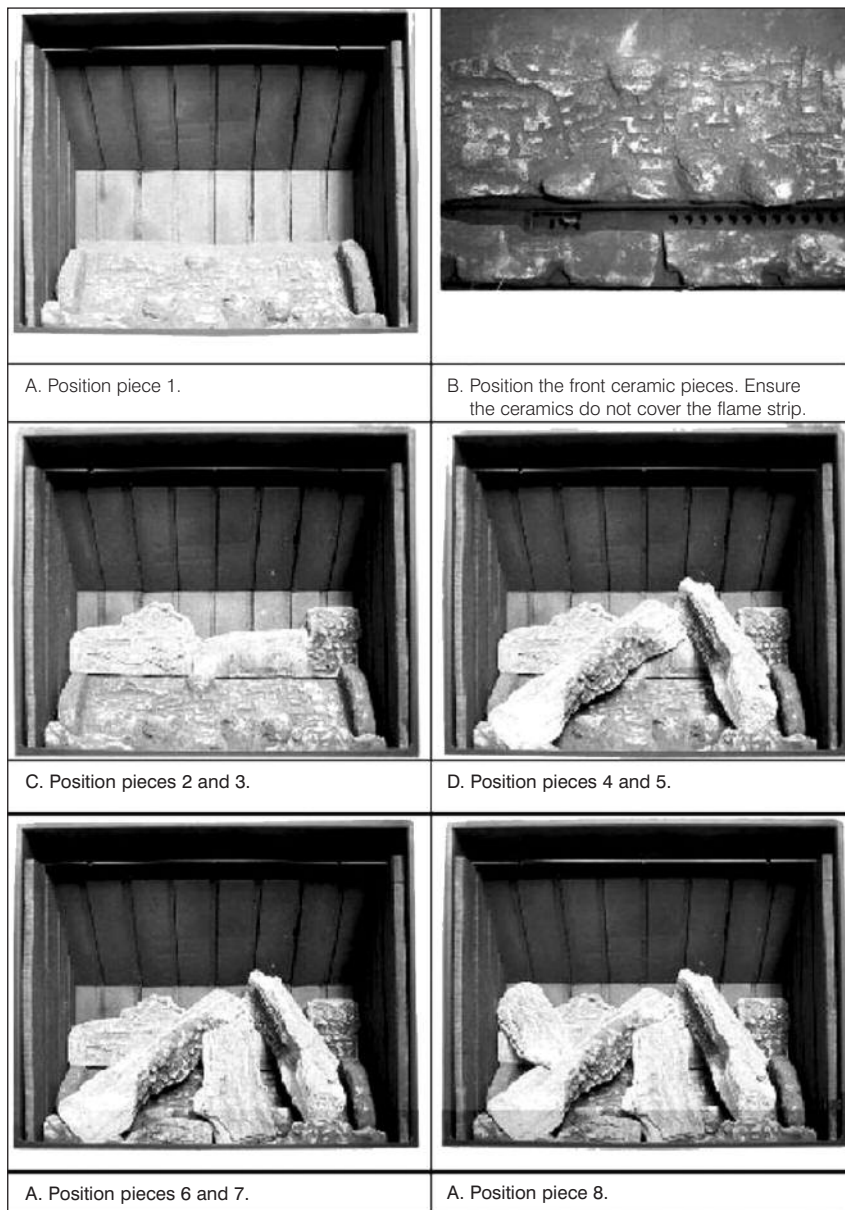
The gas supply should incorporate a service tap, be purged and any loose matter removed. Connect the gas supply pipe and check for gas soundness.

#### 4. POSITIONING THE LOGS

Remove the logs from their packaging and inspect each piece for damage.

**DO NOT INSTALL DAMAGED LOGS.**

Positioning the logs - Fig.17



#### 5. COMMISSIONING THE STOVE

This stove has a pilot that must be lit manually. When lighting the pilot follow these instructions exactly.

##### LIGHTING INSTRUCTIONS

Should the stove be extinguished for any reason wait 3 minutes before ignition is attempted. Slacken the left hand pressure test sealing screw on the gas valve (fig. 18) and connect a suitable pressure gauge.

##### NOTE

Knob A cannot be turned from 'PILOT' to 'OFF' unless knob is pushed in slightly. Do not force.

##### (i) Lighting the Pilot

Turn knob A (figure 18) counter clockwise towards the ignition position (IGN) until reaching stop, press down and hold for five seconds (only pilot gas flows). Continue pressing down knob A while turning further counter clockwise to activate piezo, continue to hold down for ten seconds after pilot burner has been lit. If pilot does not light, steps 1 and 2 can be repeated immediately. Upon lighting, release knob and turn further counter clockwise to ON position. Pilot gas flows and main gas flows in accordance to the temperature setting knob B).

##### (ii) High Setting

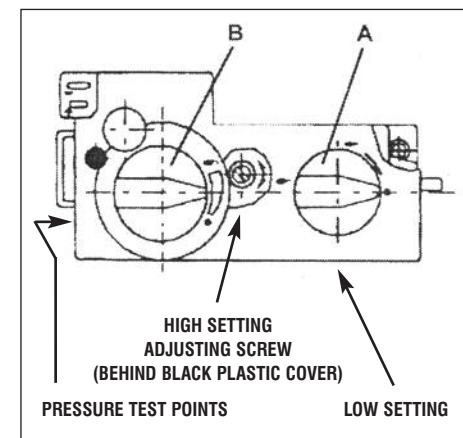
If the pilot is not already lit, light the pilot as described in (i). Turn knob B anti-clockwise until the high setting is reached. Check the setting pressure is in accordance with that given in the *Technical Information* setting. Adjust if necessary (Fig. 18)

##### (iii) Low Setting

Turn knob B clockwise to low setting (just before flame is extinguished). Check that the setting

pressure is in accordance with that given in the *Technical Information* section. Adjust if necessary (Fig. 18).

Control Knob - Fig. 18



##### Adjusting the flame Height

To turn the fire on and/or to increase the flame height, press the ON button of the remote handset. Continue pressing until the desired flame height is obtained. Press and hold the OFF button to reverse the procedure.

The receiver is equipped with a built-in delay, recognisable by the flickering light, to facilitate fine adjustment of the flame. The motorised valve is equipped with a slip clutch, allowing manual adjustment of main gas by turning knob B.

Set the desired programme and temperature on the handset as described in **Handset Operation**.

##### To Turn Off Gas to Stove

Turn knob A clockwise until reaching stop. In this position only pilot gas flows. To shut off the valve completely, press down slightly and continue to turn clockwise from pilot position to the OFF position. The safety interlock prevents re-ignition of the pilot flame until the thermocouple has

cooled down sufficiently (elapsed time will vary based on thermocouple type). Switching off the remote is not necessary.

Disconnect the pressure gauge, tighten the test point sealing screw and test for gas soundness.

## HANDSET OPERATION



Remote Transmitter G30-ZRHTT - Fig. 19

### NOTE

Mains electrical power is not required as this system runs on batteries only.  
Battery information: Handset - 1 x 9V block,  
Receiver - 4 x 1.5V AA.

### Setting the display

- After connecting the battery or by simultaneously pressing **AUTO** and **TIMER**, the display flashes. You are in set mode.
- From set mode, press **AUTO** to switch from °F (and 12 hour clock) to °C (and 24 hour clock) or vice versa.
- The display will automatically return to manual after some time, but you may immediately return to manual by depressing the **TIMER** button.

### Setting the current time

- After connecting the battery or by simultaneously pressing **AUTO** and **TIMER**, the display flashes. You are in set mode.
- From set mode, press (▲) to set the hour and (▼) to set the minute.
- Wait or press **TIMER** to return to “manual” mode.

### Programming the Desired Set Temperature

- Press **AUTO** until the display flashes.
- Press (▲) or (▼) to set the desired temperature.
- Wait or press **AUTO** to switch to automatic mode.
- A sensor in the transmitter measures the room temperature. The controller compares the room temperature with the set temperature and sends a signal to the receiver to turn the gas valve motor, which adjusts the flame height accordingly.

### Programming the Timer

- Press **TIMER** until P1\* flashes (period 1, heating cycle on).
- Set the time for the beginning of the first heating period by pressing (▲) for hour and (▼) for minute.
- Press **TIMER** again; P1▶ appears.
- Set the time for end of the first heating period.
- Press **TIMER** again to set the second heating period P2▶ (heat off).
- Store both heating periods by pressing **TIMER** again.
- If only one heating period is desired, program the same time for P2\* and P2▶ as for P1\* and P1▶.

### Manual Mode (MAN in display) for Manual Flame Height Adjustment

- Press (▲) to turn on the fire (main burner) or to increase flame height.
- Press (▼) to decrease flame or to turn down to pilot.

- To incrementally increase or decrease the flame height lightly tap either the (▲) or (▼) button.
- The “send” symbol appears in the upper left corner of the display when either large button is depressed.
- The LED of the receiver flashes when knob B of the valve reaches the end stops.

### Automatic Mode (AUTO in display) for Temperature Control

- Briefly press **AUTO**. The set temperature will appear briefly before the display reverts to the room temperature.

### Timer Mode (TIMER in display)

- During heating periods P1\* and P2\*, the temperature is controlled in the same manner as in automatic mode.
- When the timer program turns to ▶ (heating cycle off), the motor will turn the valve to pilot and there is no temperature control. This minimises battery consumption.
- You may press **AUTO** to verify the set-temperature and then press **TIMER** to return to timer mode.
- You may press either the (▲) or (▼) button from any mode for manual override.
- To prolong battery life, we recommend switching the transmitter to manual model and turning the fire to pilot with the (▼) button before turning the appliance off. If the transmitter is left in automatic or timer mode, the batteries will continue to be used when the appliance is off.

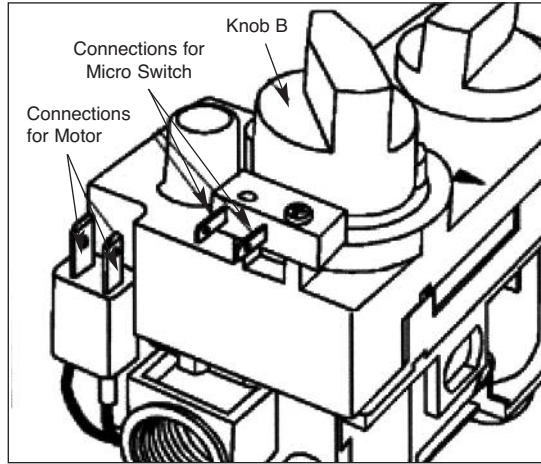
### Changing the Battery

- If **BATT** appears in upper right hand corner of the display or if the LED of the receiver becomes faint, please change the battery from transmitter or receiver. If the batteries lose power, the flame height can be adjusted by manually turning knob B (See Fig.20).

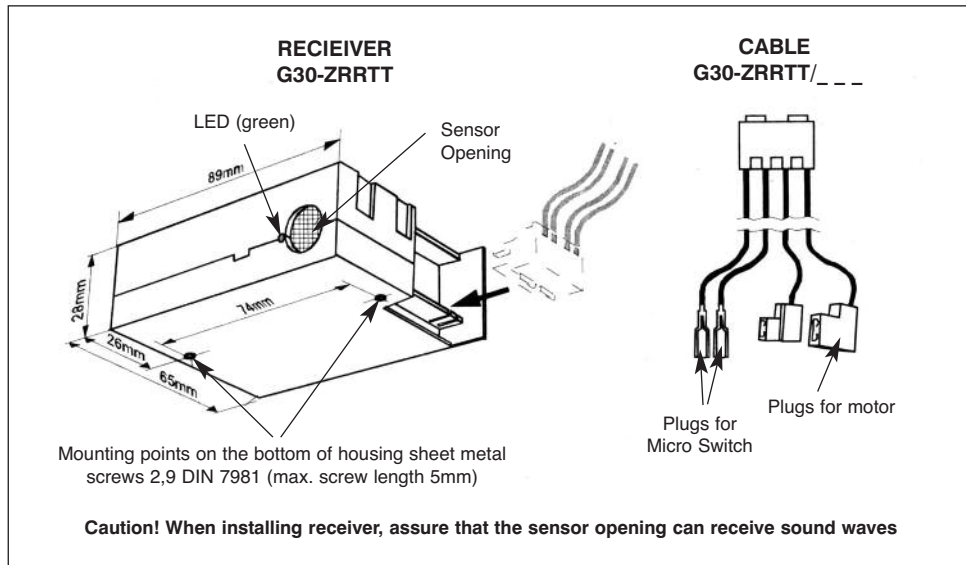
### NOTE

Please note, the placement of the transmitter (temperature sensor) is important to assure proper temperature regulation. Generally, a more constant temperature will be assured, if the transmitter is not too far from the gas appliance. Before switching to **AUTO** or **TIMER** mode, press either button (▲) or (▼) to verify the reception (when the send symbol appears in the transmitter display, the receiver’s LED must illuminate). For the **AUTO** or **TIMER** mode to function correctly, the transmitter must remain within range of the receiver. The transmitter should not be used in very close proximity to the receiver (less than 1m/3ft) as this could, in very rare cases, produce a electronic switching error. This error could block the motor when the knob reaches the end points of its turning radius. The knob must then be turned manually to free the blockage.

The temperature is controlled by activating the motor for a specific length of time to adjust the appropriate flame height. This time is calculated by the transmitter and depends on variables such as room size, heater capacity, battery power, etc. Therefore, a few cycles are necessary before an optimum is achieved. If a low flame is sufficient to provide enough warmth to the room, then the appliance will cycle between low fire and off. This allows longer periods with the flame on and provides a more uniform room temperature.



Components with the Remote Package - Fig. 21



**6. CUSTOMER BRIEFING**

Hand these Instructions and the Users Instructions to the customer.

Advise the customer how to use the stove. Point out that the Operating Procedure is in the Users Instructions.

Explain to the customer that the stove has a flame failure system. Point out the explanation of this system is in the Users Instructions.

Advise that if the fire goes out for any reason, wait at least three minutes before re-lighting.

Advise the customer that the stove should not be used at a lower setting than the 'LOW' position.

Advise the customer that due to the newness of materials the stove may give off a slight smell for a

period of time after commissioning. This is quite normal and any odours should disperse after a few hours operation.

Stress that no extra coals or logs must be added over and above those supplied with the appliance and that any replacements must only be authorised Ouzledale spares.

Recommend that the stove is regularly serviced and the flue system checked by qualified persons.

## 7. SERVICING INSTRUCTIONS

Your Dragon/700 Gas Heater will provide years of service with minimal upkeep. The following procedures will help ensure that your stove continues to function properly.

### Annual System Inspection

Have the entire heater and venting system inspected annually by a qualified gas technician. Replace any worn or broken parts.

### Logset and Burner

Cleaning and Inspection

Cleanliness is critical to the proper function of the heater. The logset and burner must all be kept free of dust and unobstructed by debris. Inspect these areas before each use and clean as necessary.

1. Turn the burner OFF and let the heater cool completely before cleaning.
2. Remove the top casting. Lift the stove front up and then swing the bottom out to disengage it from the heater shell.
3. Carefully remove the glass and frame assembly and place it out of the way on a flat, padded surface such as a counter protected by a towel.
4. Carefully inspect the logs for damage. Contact your local dealer if any damage is evident. **DO NOT OPERATE THE HEATER WITH DAMAGED LOGS.**
5. Use a soft bristled brush to sweep dust or debris from the logs, pilot burner orifice and Burner. Use care as the logs are fragile and susceptible to damage. **DO NOT USE A VACUUM TO CLEAN THE LOGS OR BURNER.**
6. Replace the glass panel and frame assembly.
7. Replace the stove front and top.

### Care of Cast Iron

An occasional dusting with a dry rag will help keep the painted surfaces looking new. Use high-temperature stove paints, available through your local dealer, to touch-up areas as needed. Clean areas to be painted with a wire brush and be sure to cover the logs, burner and valve assembly, glass and frame assembly. Apply the paint sparingly; two light coats of paint will give better results than a single heavy coat. Clean porcelain enamel surfaces with a soft, damp cloth. Do not use abrasive cleaning agents. If necessary, use only a cleaning agent formulated especially for use on porcelain enamel surfaces.

#### WARNING

Allow the glass to cool completely before attempting to clean.

### Cleaning the Glass

It will be necessary to clean the glass periodically. During start-up, condensation, which is normal, forms on the inside of the glass and causes lint, dust and other airborne particles to cling to the glass surface. Also initial paint curing may deposit a slight film on the glass. It is therefore recommended that the glass be cleaned two or three times with a non-ammonia household cleaner and warm water (we recommend gas fireplace glass cleaner).

Do not use an abrasive cleaner. After that the glass should be cleaned two or three times during each heating season depending on the circumstances present.

**Clean glass after first two weeks of operation.**

### Glass Replacement

Replace glass only with ESSE approved parts. Refer to Replacement Parts towards the back of this manual. Refer to previous instructions for removal of the damaged glass frame.

### Inspect the Vent System Annually

Have the vent system inspected annually by a qualified technician. Shut off the main gas supply before inspecting the system. Both the inner exhaust pipe and the outer combustion supply pipe must be checked to confirm that they are unblocked and in good condition.

## 9. DRAGON/700 COMPONENTS

DRAGON/700 COMPONENTS:	ITEM No:	QUANTITY
Balanced box1 ASSEMBLY MK11	1	1
Swing Door	2	1
Dragon DV Side Tie	3	1
Front Casting Tie	4	1
Dragon Hinge Plate	5	1
Dragon Top Casting	6	1
Dragon Front	7	1
Mirror Dragon Hinge Plate	8	1
Bra Assembly	9	1
Dragon Badge	10	1
Dragon Door	11	1
Mirror Dragon Door	12	1
Dragon Base	13	1
Dragon Side	14	1
Mirror Dragon Side	15	1
Dragon Foot	16	4
Dragon Spinner	17	2
Window Assembly	18	1
Heat Shield	19	1
Burner1 ASSEMBLY	20	1
Receiver	21	1
MAXITROL VALVE	22	1
Baffle MK11	23	1
Brick Assembly	24	1
Log Assembly	25	1

