

DANTA

installation, servicing and user instructions

500 - 800 - 1100 - 1400 - Koto

includes Front, Corner, Bay and Room Divider



v.3.3-082017

GB

IE



wanders
fires & stoves

This appliance has been tested and certified for other countries (see technical data). However to install appliance in other countries, modification of the appliance and its method of installation may be necessary in order to use the appliance safely and correctly. The manual for the local language must be obtained. Contact Wanders for further information.

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1. General Notes

This Wanders gas appliance is a High Efficiency, Balanced Flue Live Fuel Effect appliance. It provides radiant and convected heat using the latest burner technology. As well as having a variable heat output, these fires also utilise a special control system that allows the appliance to use two burners for high output or a single burner for lower outputs.

One of the burners will be designated as the "Main" Burner, this is the Front, the second burner will be designated as the "Effect" Burner. The Effect burner can be switched ON or OFF whilst the appliance is alight. Before Installation, check that the local distribution conditions, nature of the gas and pressure, and adjustment of the appliance are compatible.

This appliance is intended for use on a gas installation with a governed meter.

This Gas Installation may only be installed by a registered professional competent person (Gas Safe installer in the UK). The installation must adhere to the requirements of the local and national Building regulations and national standards. The installation manual must also be followed.

Ensure that the Flue Terminal is not in any way obstructed and is clear of vegetation, i.e. trees, shrubs etc. and that no objects are leant against the terminal or guard.

Always clean the Window Panel before the fire is ignited. Any finger prints must be removed, as these will be burnt into the glass and will be un-removable.

Do not operate this appliance if the glass panel has been broken (or cracked), removed or is open.

The appliance is designed to fit numerous installation situations as listed in these installation instructions. However only flue approved by Wanders for this appliance may be used.

This appliance is a balanced flue product and is room sealed and as such requires no additional ventilation for operation. However an adequate supply of fresh air to maintain temperatures and a comfortable environment is recommended.

This appliance is designed as a heating appliance, and as such will get very hot in operation; all surfaces (except the controls and access door) are considered to be working surfaces and as such should not be touched. The front windows and surrounds are not considered to be fully secure guards against accidental contact. It is recommended that an approved fire screen be used if children, the elderly or persons with limited mobility are to be present in the same area.

Do not place curtains, laundry, furniture etc. within a safe distance of 300mm of this appliance.

Do not attempt to burn rubbish on this appliance.

If this appliance is extinguished, on purpose or other, no attempt to relight should be made within 3 minutes.

2. User instructions

Operation (remote control with EcoWave)

For the complete explanation of the operation via the SYMAX-remote control, please refer to the instruction manual supplied separately.

Operation (optional Wanders EcoWave app)

It is possible to order the optional Wi-Fi module in order to operate the fireplace using the Wanders EcoWave app. The app can be downloaded for free at the Apple App Store and/or the Google Play Store. Incidentally, the app can only be used in combination with the SYMAX EcoWave remote control.

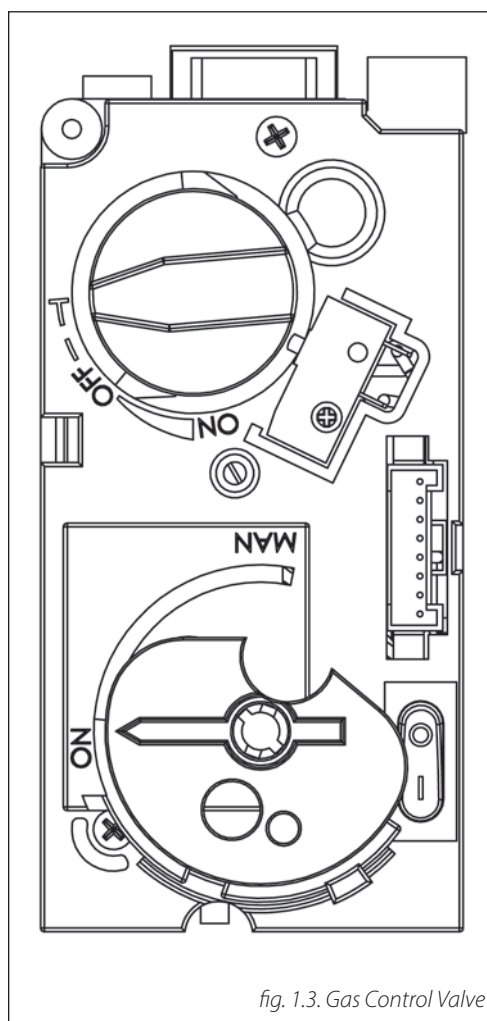
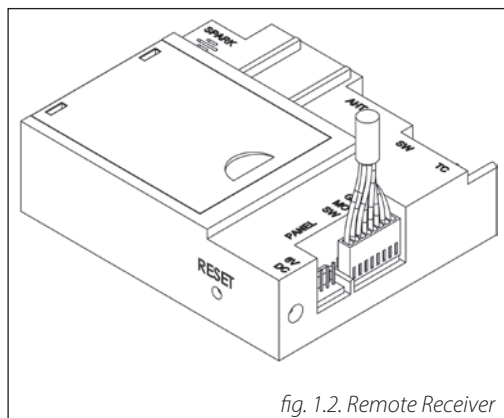
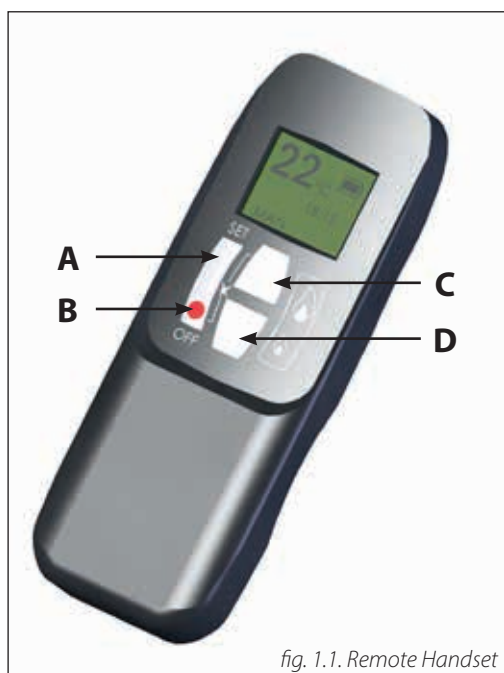
2.1 First Time of Operation

Before igniting the appliance, ensure that all packaging, safety stickers and any protective wrapping have been removed, and that the glass has been cleaned, including all fingerprints from the glass.

Ensure that the room is adequately ventilated the first time that the appliance is ignited; we would recommend opening windows if possible. Run the appliance at full setting for a few hours so that the paint gets an opportunity to fully cure. During this period it is possible for some fumes and vapours to be given off. We would recommend keeping children and pets out of the area at this time.

2.2 Remote Control Overview

This Wanders Gas Appliance has been constructed with an advanced remote control system. This consists of three main parts; Handset (fig. 1.1), Receiver (fig. 1.2) and Gas Valve with Manual Override (fig. 1.3). The Gas control valve and the Receiver are behind the access door. This is also where the product Data Label is located.



- The Remote Handset has 4 Buttons; these will perform all operations of the fire.
- Always leave the dial on the Gas Control Valve set to "ON", the "MAN" position is only for servicing and emergency use if the handset is misplaced, or the battery fails.
- With each successful button press of the handset, the receiver will emit an audible signal.
- A toggle switch is present on the Gas Control Valve; this should be put into the "O" position if the appliance is not operated for a long period (over a week).
- The heat output can be manually adjusted by turning the setting knob on the Gas Control Valve.

2.3 Batteries

Remote Handset:

1 x 9V "PP3" Battery, Quality alkaline recommended

Receiver:

4 x 1.5V "AA", Quality alkaline recommended for maximum life.

An alternative AC Mains Adaptor may be used to power the Receiver instead of the 4 AA batteries. Only an AC Mains Adapter supplied by Wanders may be used. The Mains Adaptor is plugged into the DC 6V socket on the end of the receiver.



Note - if the AC Mains Adapter is used, remove the 4 AA's from the Receiver, failure to do so could result in damage and failure of the Receiver. During a period of power outage, the receiver may be unplugged and batteries returned to the Receiver.

2.4 Replacing the batteries

Handset:

There is a battery level indicator on the display of the handset. When this gets low remove the cover on the rear of the handset and replace the battery with another 9V PP3 battery.

Receiver:

Three short audible beeps will sound when the appliance is on to indicate that the batteries in the receiver are getting low.

When the batteries get very low the appliance will be turned off by the remote control. This will fail to happen if the power supply is interrupted.

To replace the Receiver batteries, slide the cover off of the top of the receiver and use the ribbon to pull the batteries out. Replace the batteries with new 1.5V AA's, ensuring that the ribbon is located under the batteries and that the polarity is correct on all 4 batteries.

Never mix new batteries with old; this will result in the new batteries being emptied very quickly. When the batteries are replaced, it may be necessary to reset the transmitter code, as detailed in the next section.

2.5 Setting the Transmitter code

Press and hold the RESET button with a sharp object (pen or screwdriver) until you hear two audible beeps. After the second, longer beep, release the RESET button.

Within the next twenty seconds press the down button (Button D fig 1.1) on the remote handset until you hear an additional long signal confirming the code is set.

2.6 To Ignite the appliance



Note - If this appliance is extinguished or goes out in use for any reason, wait 3 minutes before attempting to relight the appliance. The Gas Control Valve has an interlock device which will not allow relighting until the 3 minutes have passed.

To be able to use the Remote control Handset (fig. 1.1), the rocker switch on the Gas Valve, must be turned "ON" (the "1" position) and the manual Dial set to the "On" position.

- Simultaneously press and hold buttons B & C (Star and Large Flame), until a short acoustic beep confirms the start sequence has begun; release the buttons.
- Continuing signals confirm the ignition is in process.
- Once pilot ignition is confirmed, there will be gas flow and the main burner will ignite.
- Repeat process if pilot ignition fails.

2.7 To Turn the appliance OFF

Press the OFF button (Button B fig. 1.1) on the Handset. This will extinguish all Burners including Pilot.



Note: - Repeated presses of the small flame (Button D fig. 1.1) will turn the main burner OFF, but will leave the Pilot alight.

2.8 Adjusting the Flame setting

To increase the flame height; press the large flame button (Button C fig. 1.1).

To decrease the flame height; press the small flame button (Button D fig. 1.1).

2.9 Using the "Effect" Burner



Note: The solenoid valve will not operate for one minute after Ignition.

The solenoid valve cannot be operated manually. If the battery runs down, the solenoid will remain in its last operating position.

During normal operation the solenoid will be reset to the ON (Open) when the Gas Valve is switched OFF via the Handset.

Upon ignition both "Main" and "Effect" burner are ON.

To switch the "Effect" burner OFF, simultaneously press the OFF and Large Flame buttons (buttons B & C fig. 1.1).

To switch the "Effect" burner ON, simultaneously press the SET and Large Flame buttons (buttons A & C fig. 1.1).

Printed instructions are located on the battery cover on the rear of the handset.

2.10 Setting °C/24 hour or °F/12 hour clock

Simultaneously press OFF and Small Flame buttons (buttons B & D fig. 1.1) until display changes from Fahrenheit/12 hour clock to Celsius/24 hour clock and vice versa.

2.11 Setting the Time

The display will flash after either:

- Installing the battery or
- Simultaneously pressing the Large Flame Button and Small Flame Button (buttons C & D fig. 1.1)

Press the Large Flame button (button C fig. 1.1) to set the hour.

Press the Small Flame button (button D fig. 1.1) to set the minutes.

Press OFF (button B fig. 1.1) to return to standard operating mode or simply wait and it will return to standard mode after approximately 15 seconds.

2.12 Cleaning and Maintenance

This appliance should be inspected and serviced once a year by a qualified, competent and registered person. The inspection and maintenance must at least ensure that the appliance is working correctly and safely. It is advisable to clean the appliance of any dust and debris before regularly during the heating season and especially if the appliance has not been used for some time. This can be done with a soft brush and a vacuum cleaner or a damp cloth and if required a non-abrasive cleaning agent. Do not use corrosive or abrasive substances to clean the appliance.

3. Installation instructions

Before commencing Installation, confirm that the details on the appliance data plate correspond to the local distribution conditions, gas type and pressure to which the appliance is to be installed.

Ensure that gas supply and supply pipe is capable of delivering the required volume and pressure of gas and is in accordance with the rules in force.

3.1 Gas Connection

This appliance has a gas inlet connection of Ø 8mm.

3.2 Ventilation

This appliance is a Balanced Flue room sealed appliance, and as such needs no additional ventilation. However an adequate supply of fresh air to maintain temperatures and a comfortable environment is recommended.

This appliance may be installed in a completely sealed or mechanically ventilated house.

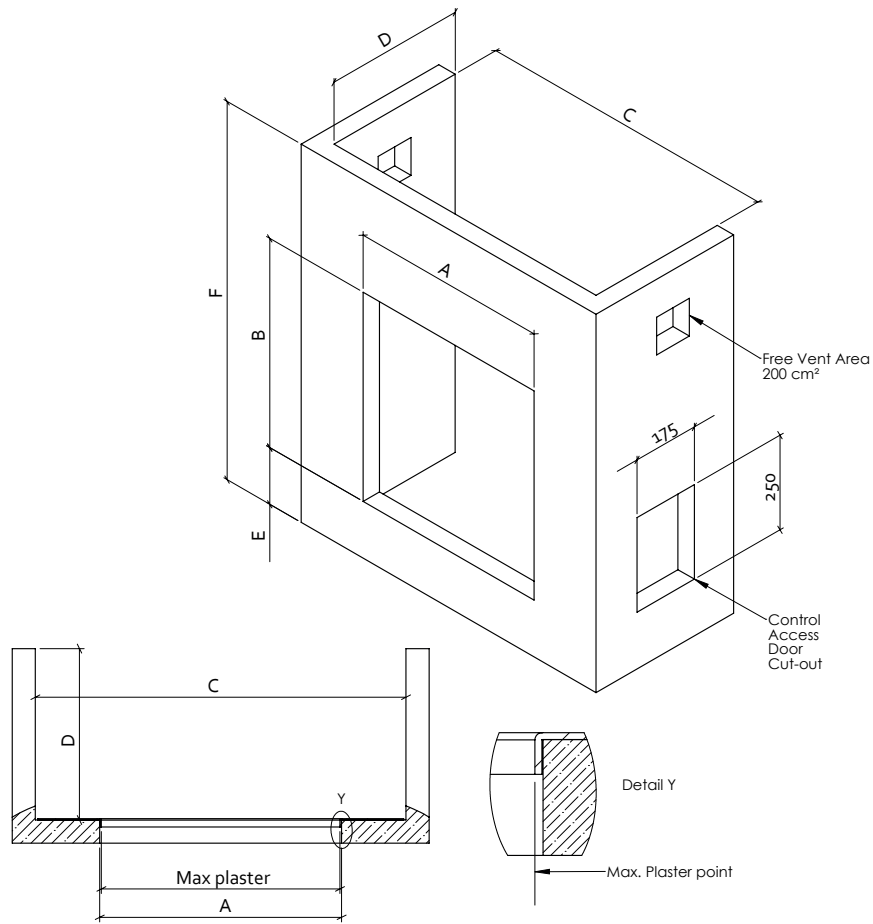
3.3 Appliance Fireplace Installation

- Determine the position required for the appliance.
- Create a gas connection for the appliance in approximately the correct location for the gas controls.
- The gas controls are connected to the Burner of the appliance. These controls need to be located in the control access box, so an appropriate position for the access box needs to be determined.
- This appliance has fully adjustable legs, these must be set to the desired length before the flue position is finalised. Fine adjustment of the legs is available via the feet.
- Do not make any adjustments to the appliance, except the leg length.
- The appliance should be fitted with a minimum clearance of 150mm from any combustible objects or materials; this includes any combustible materials used for the fireplace construction. This clearance distance can be reduced to 50mm if a Cement Board, of minimum thickness 12mm is used. This Cement Board will act as a Thermal Break.
- The clearance distance of the Flue from combustibles must not be less than 75mm. This dimension can be reduced to 25mm as the distance from the underside and the sides of Horizontal Flue runs.
- As this is a room sealed appliance and the appliance stands on appropriate legs, a hearth is not required for this appliance.
- The Fireplace should be ventilated with openings giving a total free vent area of 200 cm².
- A gap of 50mm should be left all round the appliance.
- If a shelf is to be fitted above the fireplace opening, a gap of 150mm minimum should be left between the opening and the shelf. See section 3.3.3, Mantel Clearances.
- The brackets supplied may be used for securing the appliance to a rear wall.

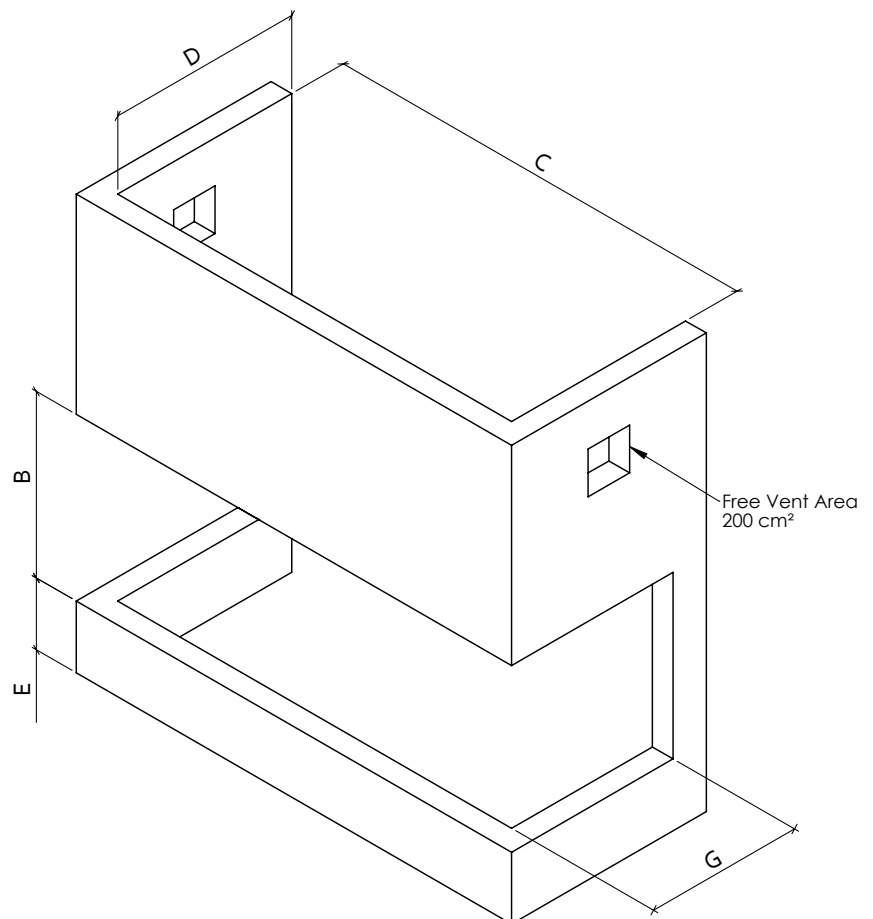
3.3.1 Building the Fireplace

- Construct a studwork fireplace to the desired sizes, minimum sizes are shown in section 3.3.2. Any combustible material used to construct the Fireplace must not be closer than the minimum dimensions quoted in section 3.3 above. Cement Board of minimum thickness 12mm, can be used as a Thermal Break and can be used directly against the Frame Face on the appliance.
- Do not use insulation material (or other) to pack the void around or above the appliance.
- Provide ventilation from the fireplace to the minimum amount quoted in 3.3 above.
- Provide a cut-out for the Control Access Door.

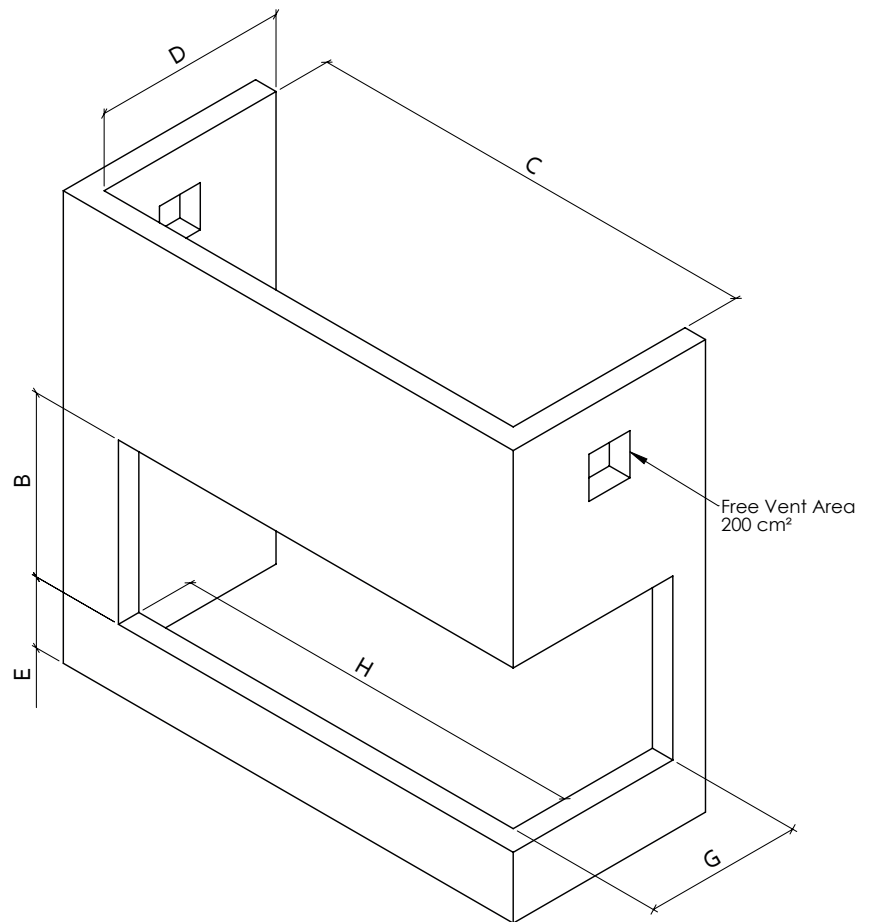
3.3.2 Built-In Fireplace Sizing (assuming a Cement Board Lining is used)



Built in fireplace sizing Bay and Room Divider



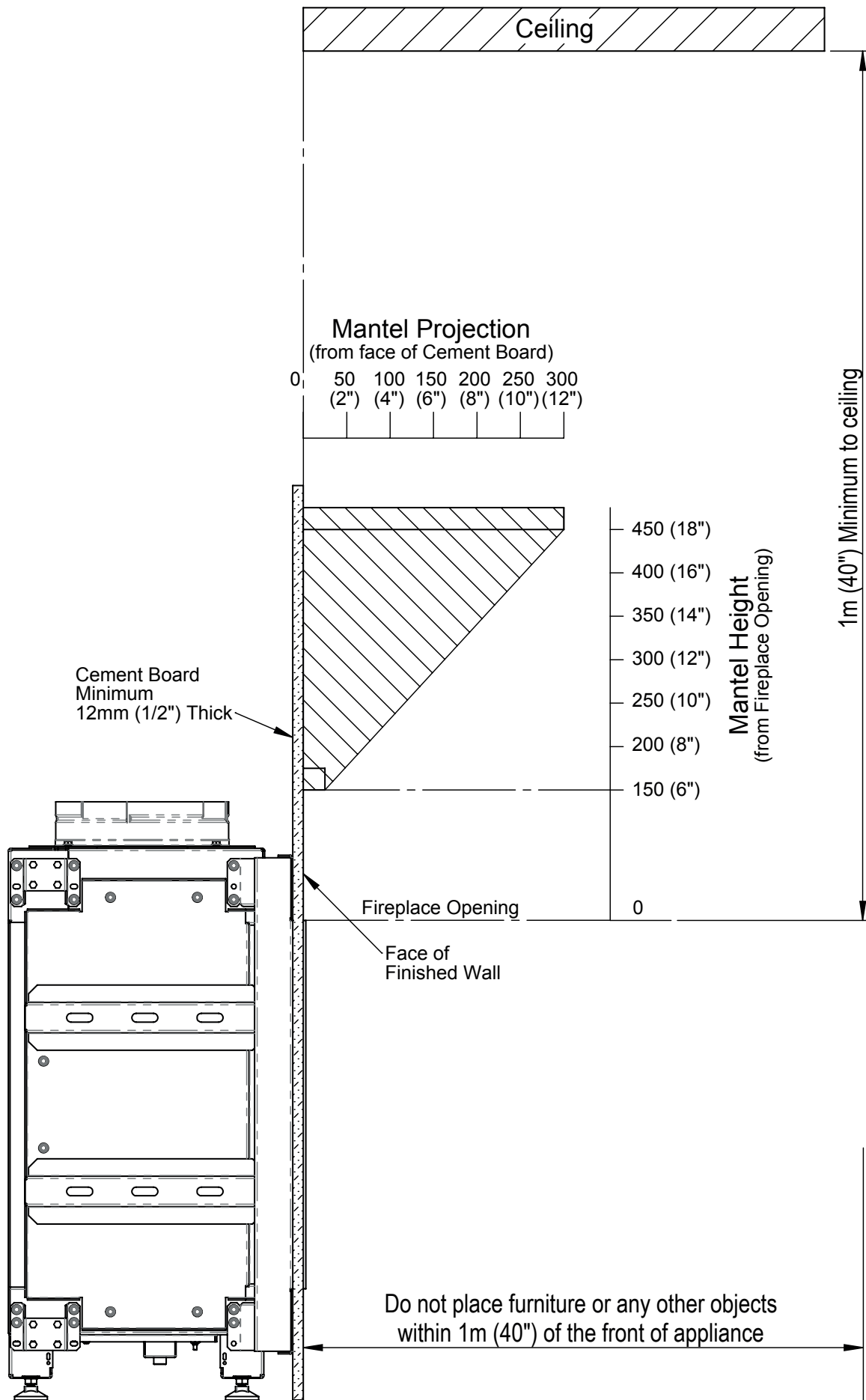
Built in fireplace sizing Corner appliances



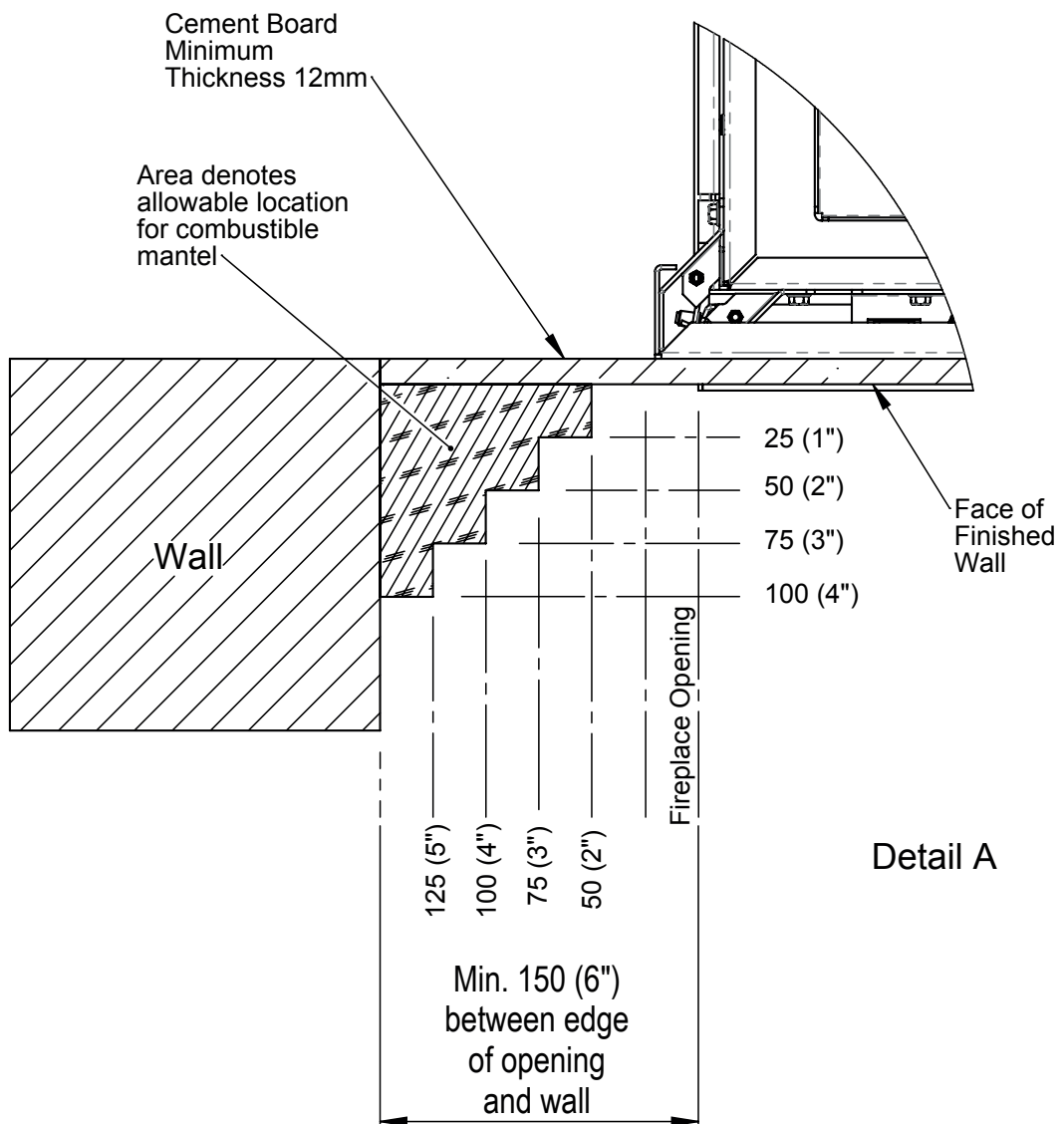
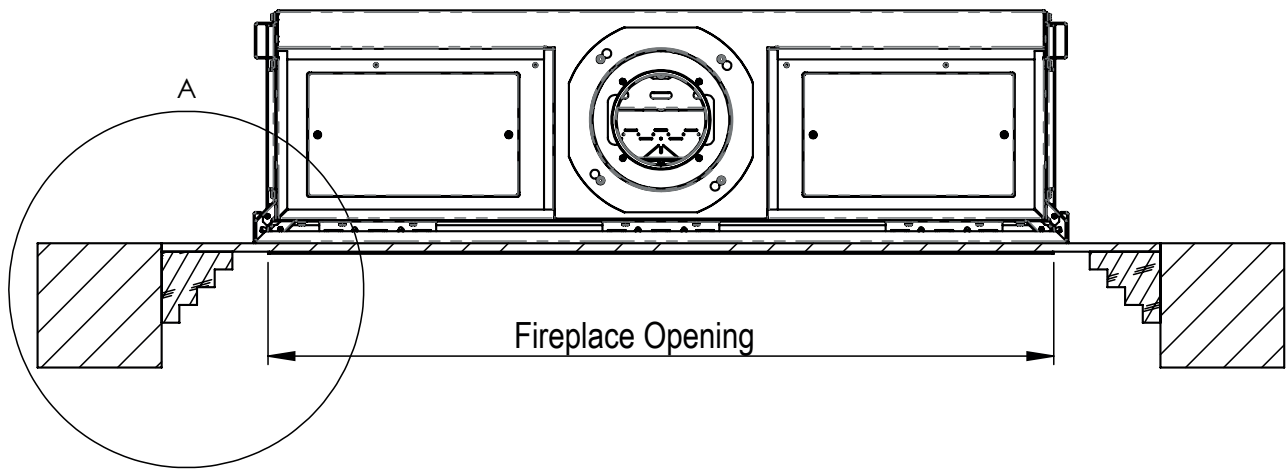
Appliance	A min	B min	C min	D min	E min	F min	G min	G2 min	H min
Danta 500 Front	515	375	650	490	195	700	n/a	n/a	n/a
Danta 500 Bay	n/a	375	555	490	195	700	355	355	n/a
Danta 500 Corner	n/a	375	600	490	195	700	355	n/a	515
Danta 800 Front	815	375	850	490	195	700	n/a	n/a	n/a
Danta 800 Bay	n/a	375	855	490	195	700	355	355	n/a
Danta 800 Corner	n/a	375	900	490	195	700	355	n/a	815
Danta 1100 Front	1115	375	1150	490	195	700	n/a	n/a	n/a
Danta 1100 Bay	n/a	375	1155	490	195	700	355	355	n/a
Danta 1100 Corner	n/a	375	1200	490	195	700	355	n/a	1115
Danta 1100 Front	1415	375	1450	490	195	700	n/a	n/a	n/a
Danta 1100 Bay	n/a	375	1455	490	195	700	355	355	n/a
Danta 1100 Corner	n/a	375	1500	490	195	700	355	n/a	1415
Koto	1316	395	1500	425	195	750	n/a	n/a	n/a

3.3.4 Mantel Clearances

3.3.4.a Combustible Mantel – Side view



3.3.4.b Combustible Mantel/Side Wall – Top view



3.4 Flue Connection

3.4.1 General notes

This appliance may be installed with a roof terminal (C31) or a wall terminal (C11).

This appliance may only be used with Balanced Flue (otherwise known as Concentric Flue) parts as specified by Wanders. The Wanders specified flue parts have been approved with the appliance. If the appliance is installed on non-Wanders approved parts, Wanders cannot guarantee or accept responsibility for the proper and safe working of the appliance.

The flue system must be constructed from the appliance upwards, with all joints being fully locked and sealed using the Wanders specified parts.

3.4.2 Timber Frame Construction

Whilst it is possible to install room-sealed appliances in timber frame properties, great care needs to be taken to ensure that the flue assembly does not interfere with the weather proofing qualities of any outer wall which it may penetrate. Before attempting this work, further details need to be referenced, (e.g. "Gas Installations in Timber Frame Buildings" from the CORGI installer series in the UK).

3.4.3 Carport or Building Extension

Where a flue terminal is sited within a carport or building extension, it should have at least two completely open and unobstructed sides. The distance between the lowest part of the roof and the top of the terminal should be at least 600mm.



Note: A covered passageway should not be treated as a carport. Flues should not be sited in a covered passageway between properties.

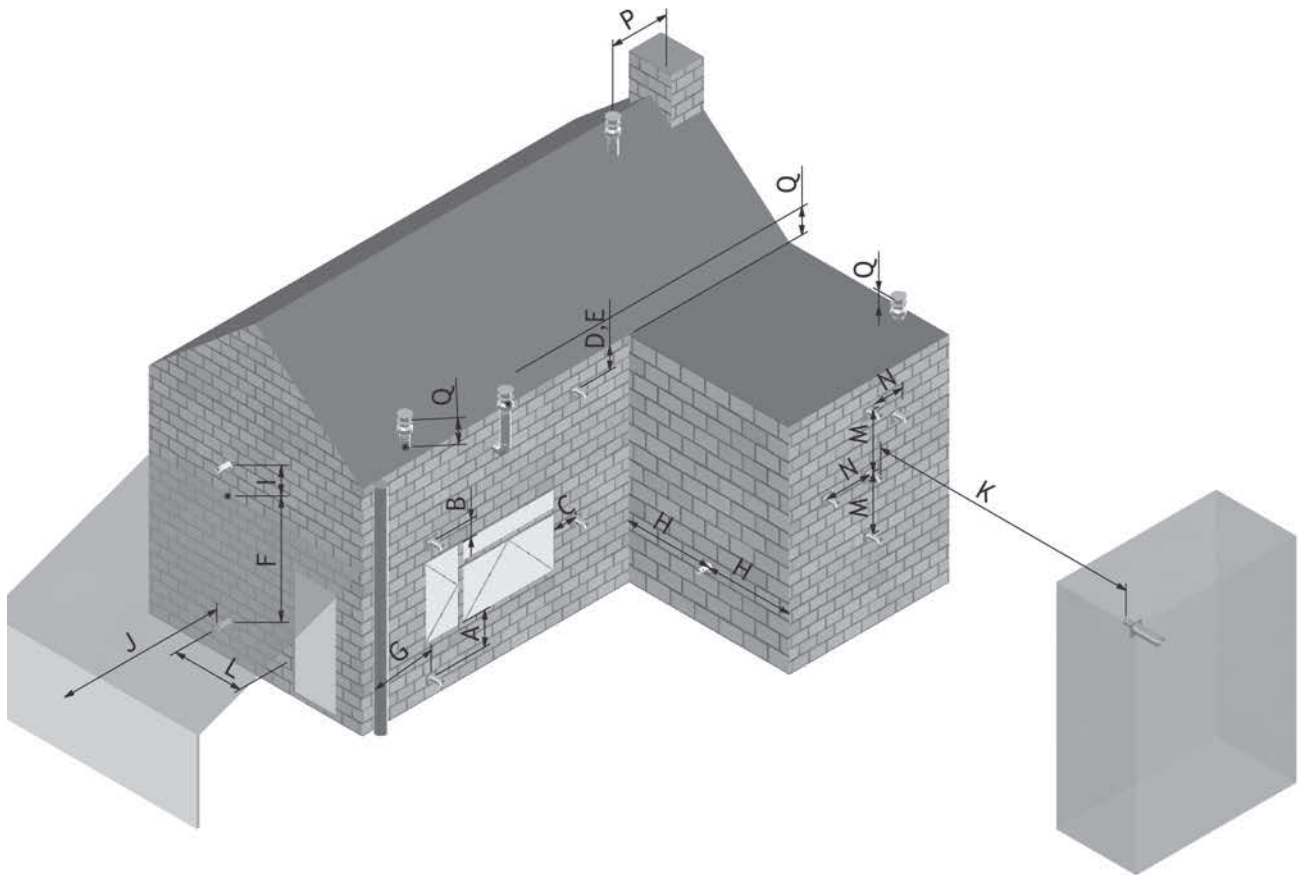
3.4.4 Basements, Lightwells and Retaining walls

Flue terminals should not be sited within the confines of a basement area, light well or external space formed by a retaining wall, unless steps are taken to ensure the products of combustion can disperse safely at all times. It may be possible to install this Balanced Flue system in such a location provided that it is not sited lower than 1m from the top level of that area to allow combustion products to disperse safely.

Flue terminals should be sited to ensure total clearance of the combustion products in accordance with the included information.

When the products of combustion are discharged, they should not cause a nuisance to adjoining or adjacent properties and they should be positioned so that damage cannot occur to other parts of the building. If the outer wall surface is constructed of combustible material, a non-combustible plate should be fitted behind the terminal projecting 25mm beyond the external edges of the terminal.

3.4.5 Terminal Locations



Dimension	Terminal Position	Distance (mm)
A*	Directly below an opening, air brick, opening window etc.	600
B	Above an opening, air brick, opening window etc.	300
C	Adjacent to an opening, air brick, opening window etc.	400
D	Below gutters, soil pipes or drain pipes	300
E	Below eaves	300
F	Below balconies of car port roof	600
G	From a vertical drain pipe or soil pipe	300
H	From an internal or external corner	600
I	Above ground roof or balcony level	300
J	From a surface facing the terminal	600
K	From a terminal facing the terminal	600
L	From an opening in the car port (e.g. door , window into the dwelling)	1200
M	Vertically from a terminal on the same wall	1500
N	Horizontally from a terminal on the same wall	300
P	From a vertical structure on the roof	600
Q	Above intersection with roof	150

* In addition, the terminal should not be nearer than 300mm to an opening in the building fabric formed for the purpose of accommodating a built in element such as a window frame.

3.4.6 Horizontal Wall Vent Termination type C11

Flue sizing:

Danta 500: Ø100/150 Connector on Appliance. Ø100/150 to be used Throughout.

Flue Terminal: Ø100/150 Part No. INK.4330

Danta 800, 1100, 1400 & Koto: Ø130/200 Connector on Appliance. Ø130/200 to be used Throughout.

Flue Terminal: Ø130/200 Part No. INK.4430

Vertical Flue Rise (V) in metres	Maximum Horizontal Flue Run (H) in metres Danta 500	Maximum Horizontal Flue Run (H) in metres Danta 800	Maximum Horizontal Flue Run (H) in metres Danta 1100 & Koto	Maximum Horizontal Flue Run (H) in metres Danta 1400
0,5	1	2	1,75	1,5
1	2,5	3,5	3	2,5
1,5	3,5	5	4,25	3,5
2	4	6	5,5	4,5
2,5	4,5	6	6	5,5
3	5		6	6
3,5	5,5			6
4	6			
4,5	6			

Minimum Vertical Flue Height: 0.5m

Flue Restrictors to be fitted:

Ø100/150, Vertical Rise < 1m, No Restrictor.

Ø100/150, Vertical Rise > 1m, 35mm Restrictor.

Ø130/200, Vertical Rise, 1m, No Restrictor.

Ø130/200, Vertical Rise 1-2m, 35mm Restrictor.

Ø130/200, Vertical Rise > 2m, 60mm Restrictor.

3.4.7 Vertical Roof Vent Termination C31

Flue sizing:

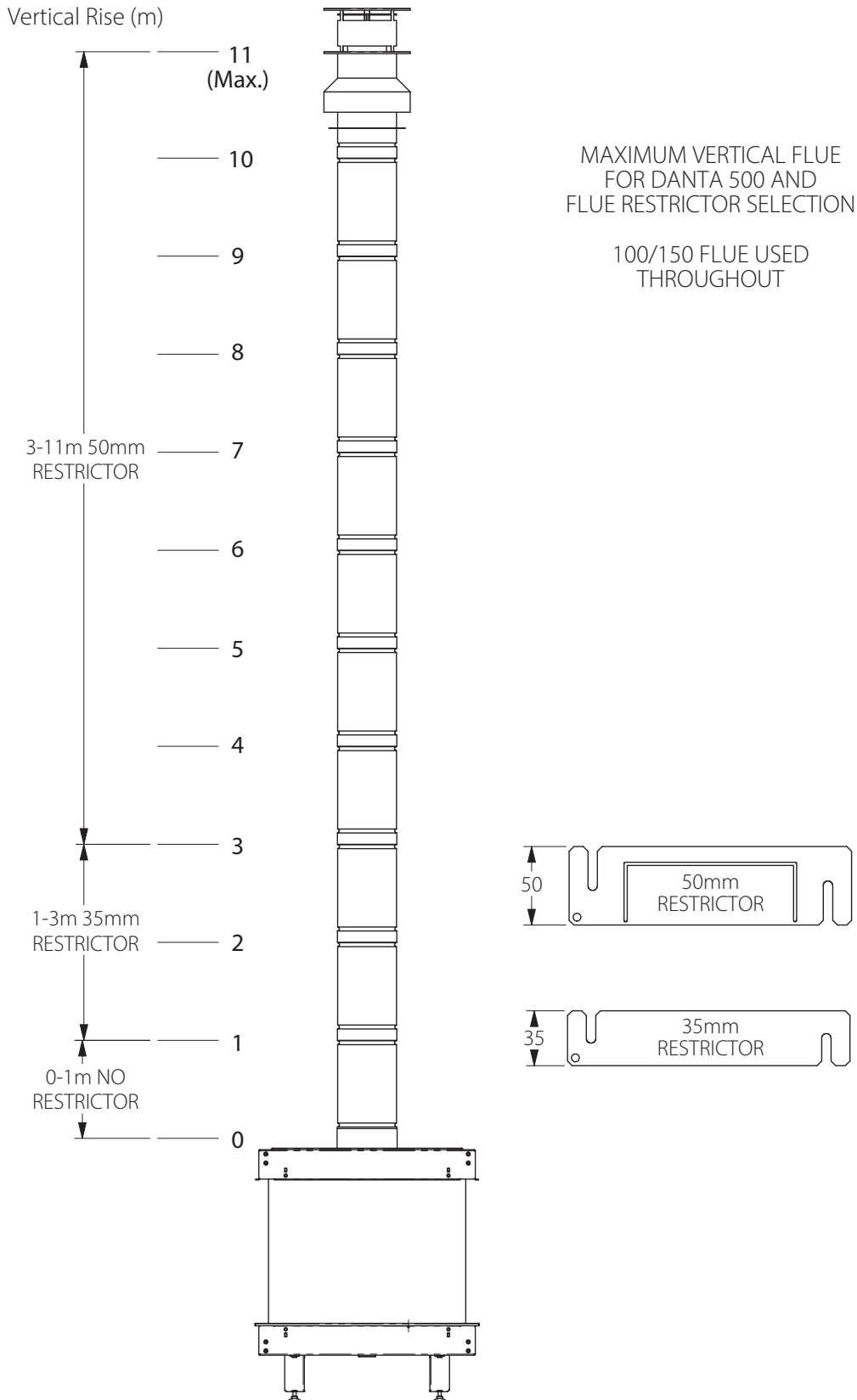
Danta 500: Ø100/150 Connector on Appliance, Ø100/150 to be used Throughout.

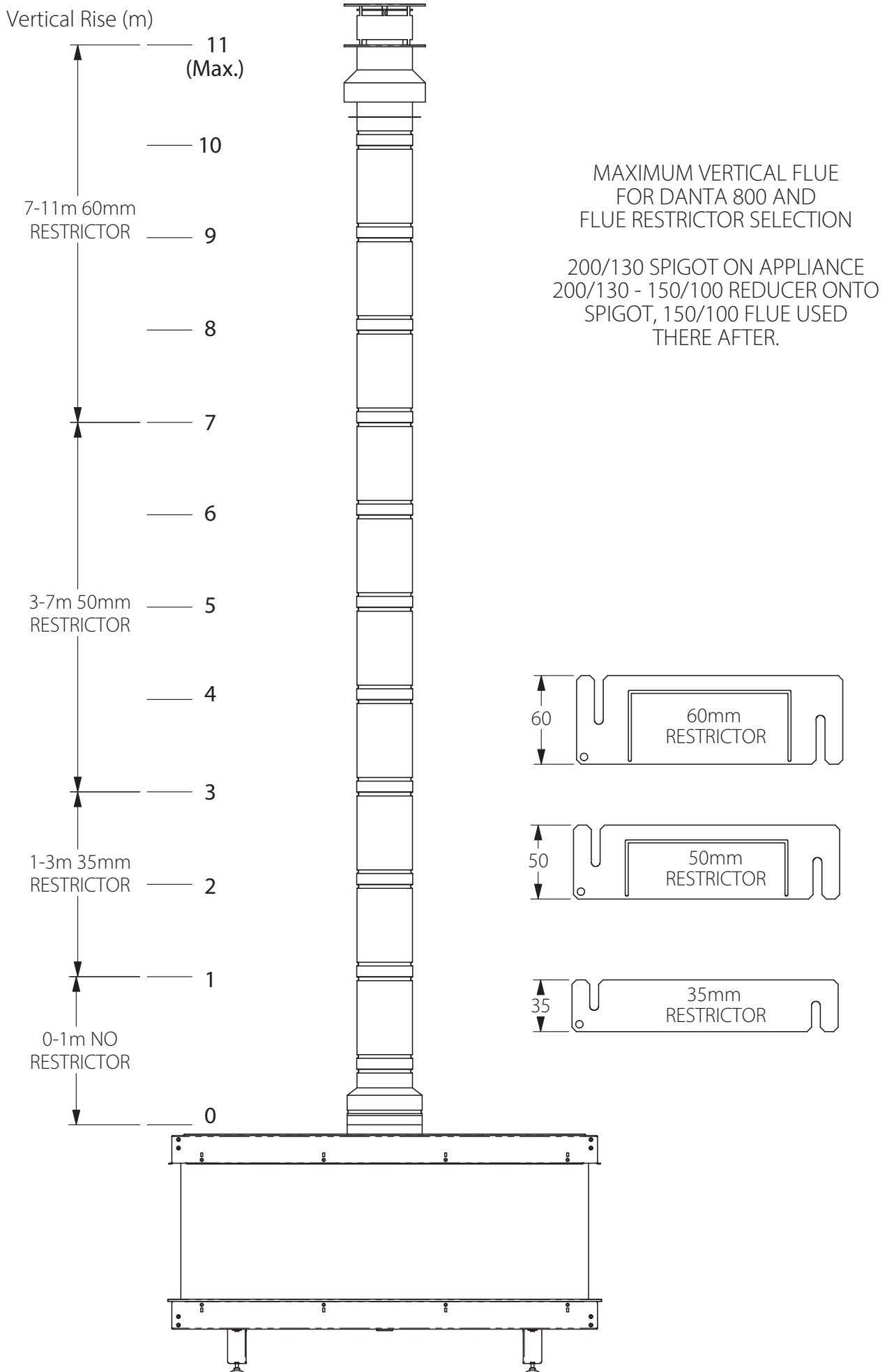
Flue Terminal: Ø100/150 Part No. INK.4335

Danta 800, 1100, 1400 & Koto: Ø130/200 Connector on Appliance, Ø130/200 to be used Throughout.

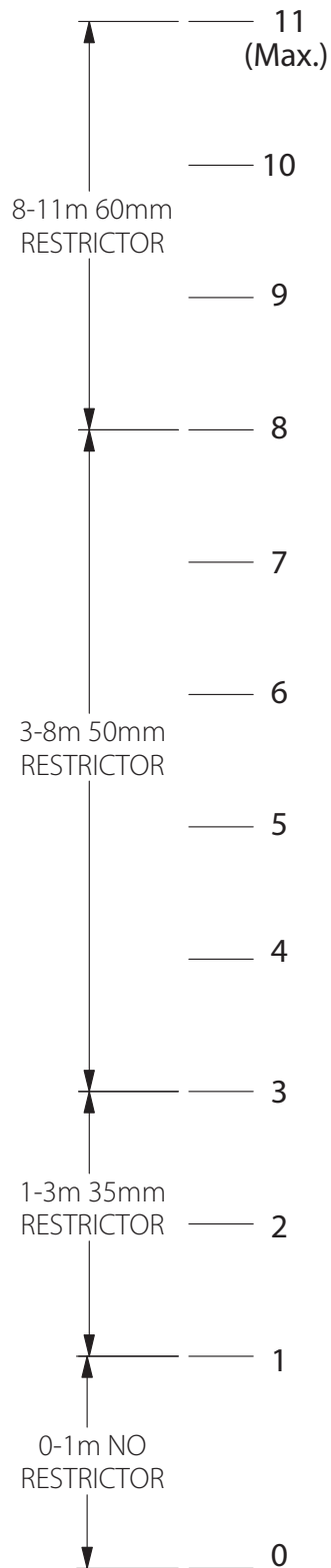
Flue Terminal: Ø130/200 Part No. n/a

Minimum Vertical Flue Height: 0.5m





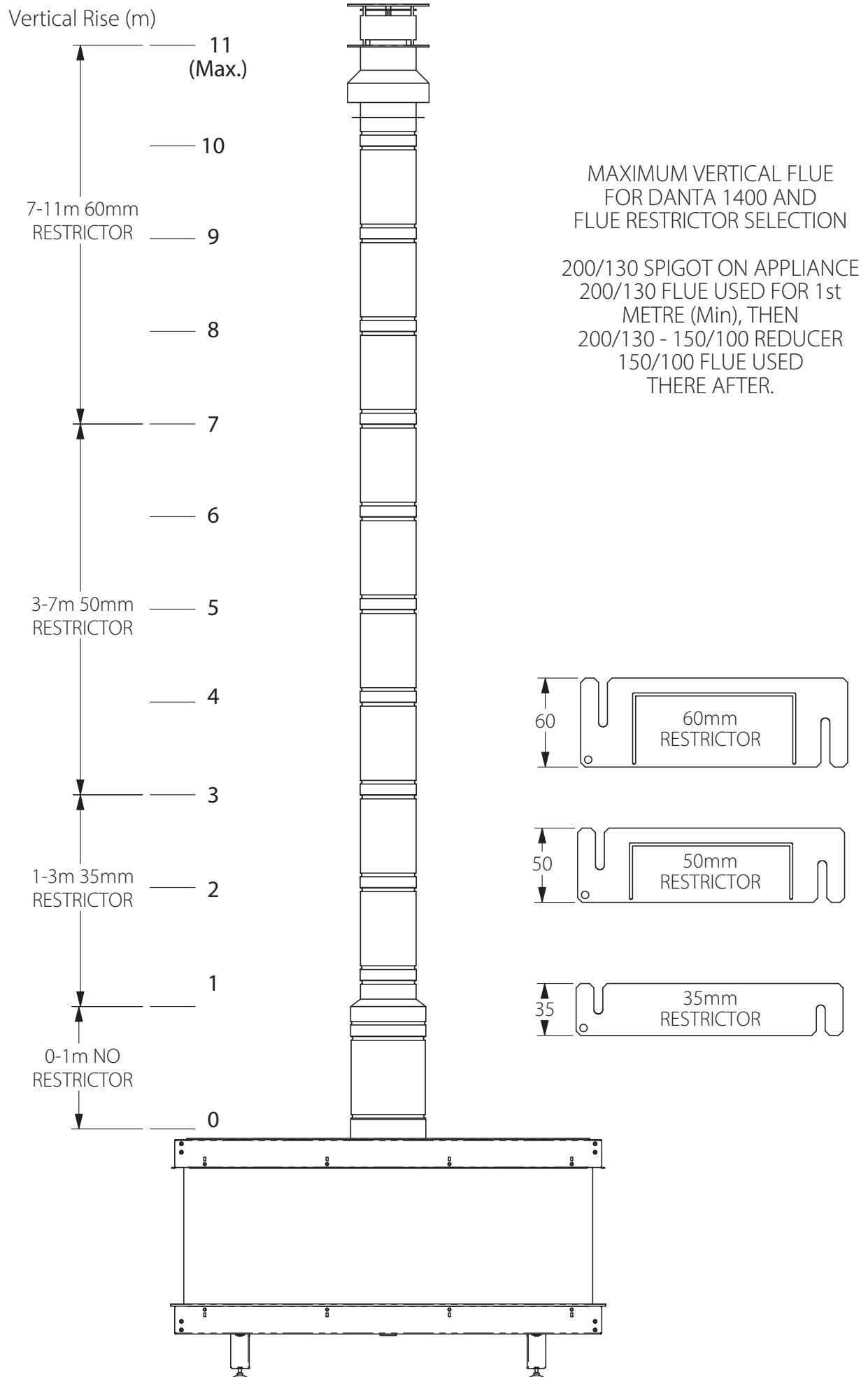
Vertical Rise (m)



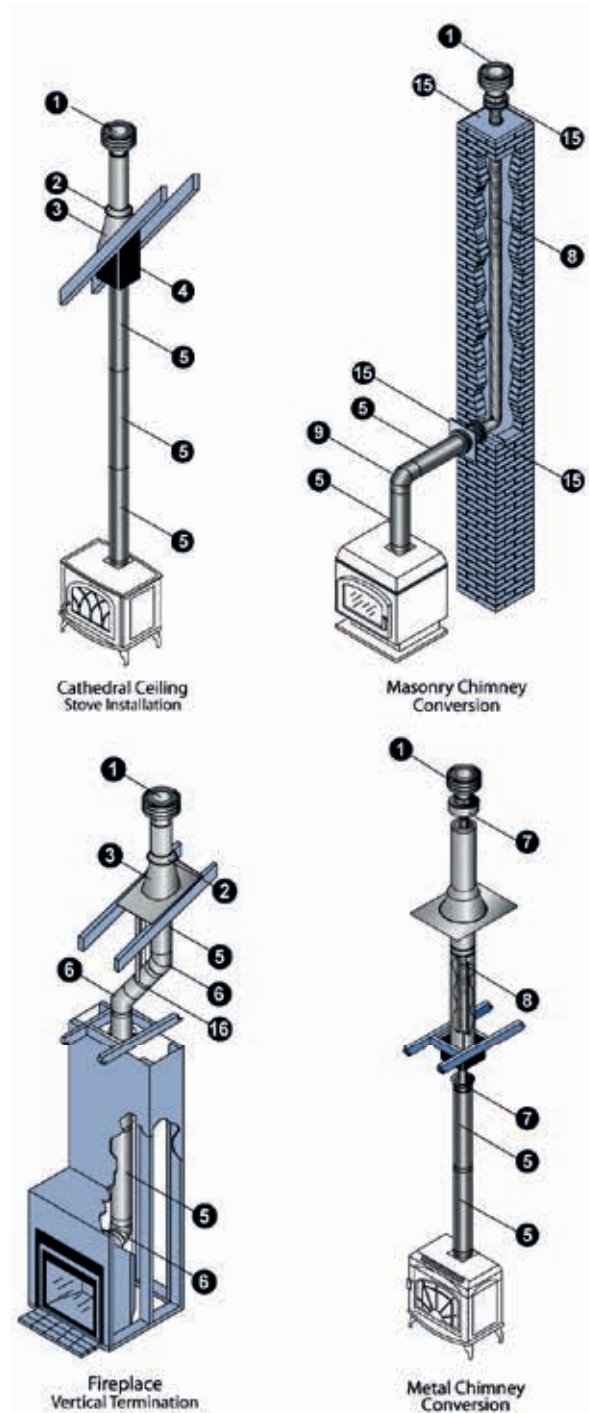
MAXIMUM VERTICAL FLUE
FOR DANTA 1100 (& KOTO) AND
FLUE RESTRICTOR SELECTION

200/130 SPIGOT ON APPLIANCE
200/130 - 150/100 REDUCER ONTO
SPIGOT, 150/100 FLUE USED
THERE AFTER.





3.4.8 Typical Installations Roof Vent Termination C31



Installation Key			
1	Vertical Termination Cap	9	90° Elbow
2	Storm Collar	10	Horizontal Termination Cap
3	Flashing	11	Snorkel Termination Cap
4	Cathedral Ceiling Support Box	12	Chimney Liner Termination Kit
5	Pipe	13	3" Flex
6	45° Elbow	14	Co-Axial to Co-Linear Connector
7	Class A Chimney Conversion Kit	15	Masonry Chimney Conversion Kit
8	4" Flex	16	Elbow Strap

• Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.

3.5 Fuel Bed Media and Arrangements



When arranging the Media in the Fire, it is always important to keep the Pilot area clear and ensure smooth cross lighting from the Pilot to the Main Burner and of the Effect burner from the Main burner.

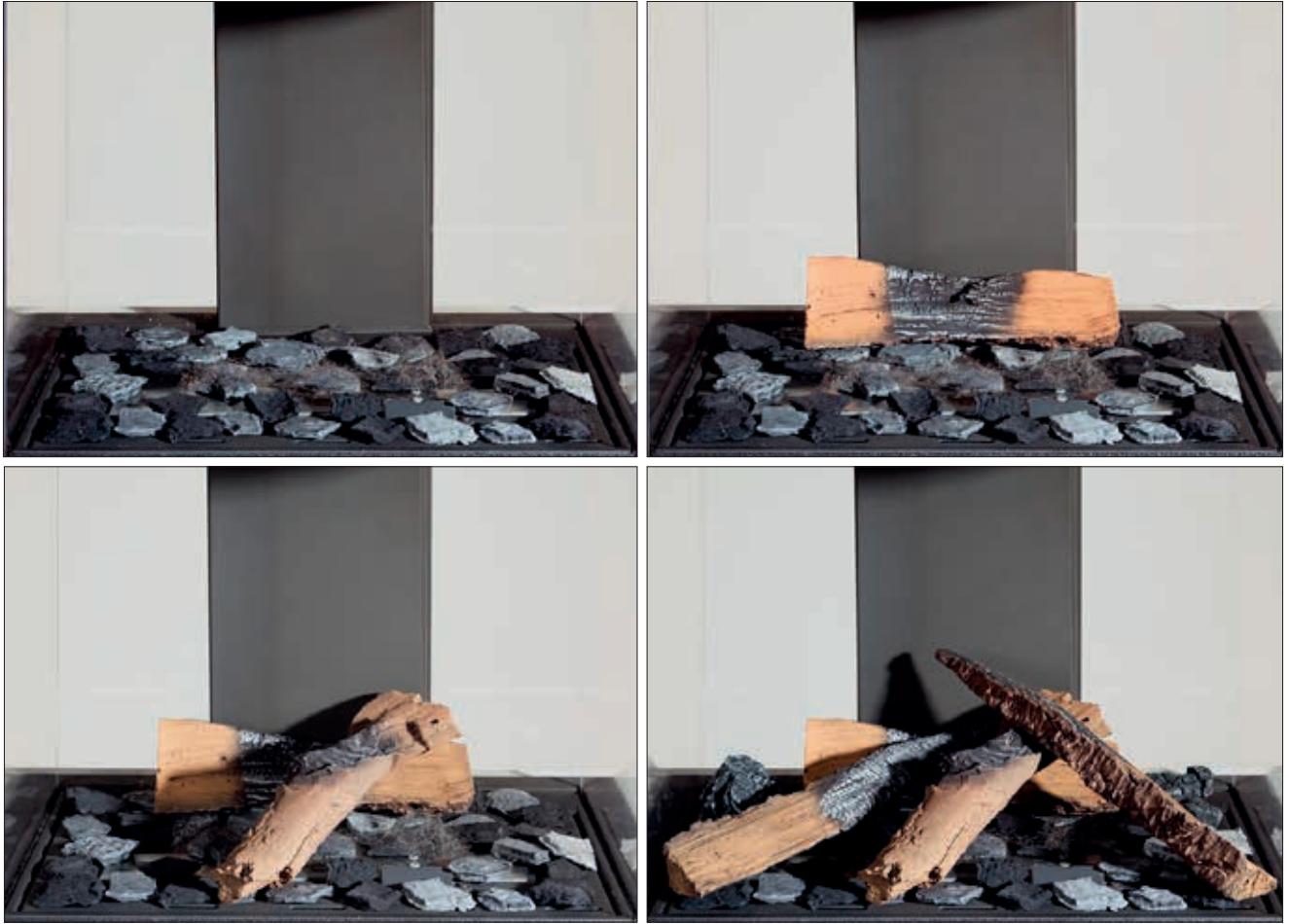


Prevent that the embers block the pilot flame (A) and the burner holes (B) to keep the fire safe and free from sooting. See image on page 26.



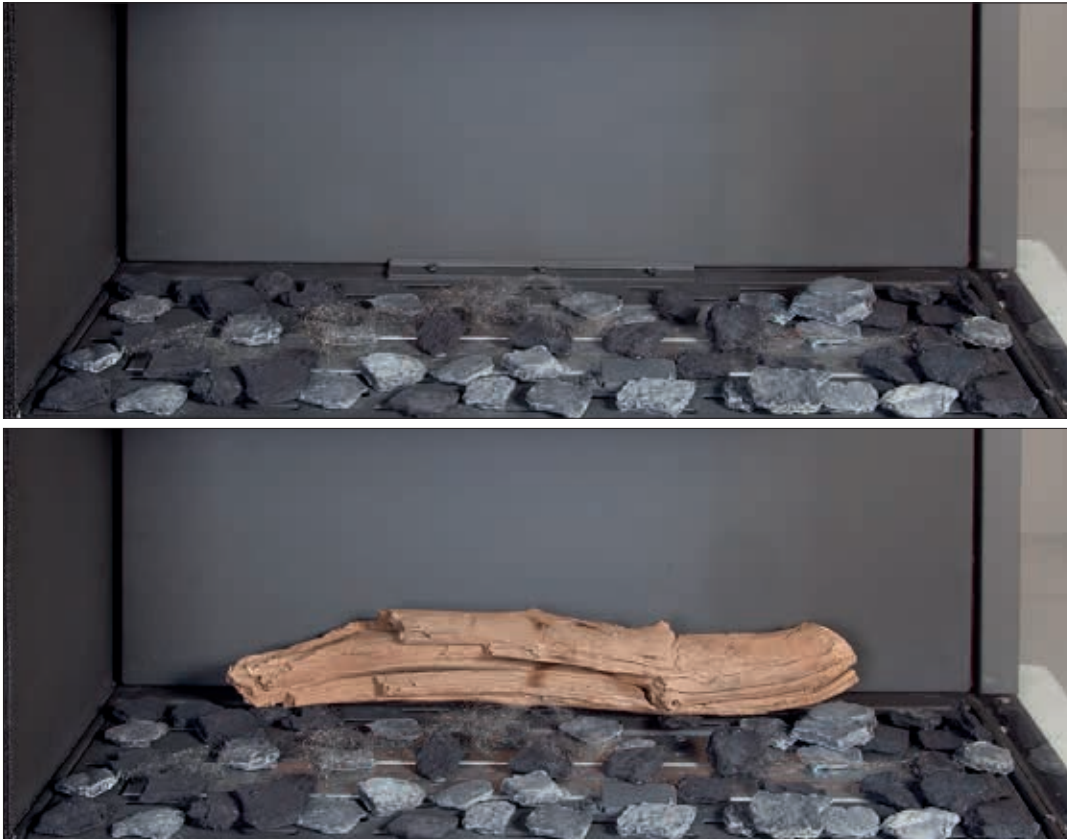
3.5.1 Danta 500

Used logs: B - D - D - G (See page 26 for additional information)



3.5.2 Danta 800

Used logs: A - D - D - G - G - E - F (See page 26 for additional information)





3.5.3 Danta 1100

Used logs: A - D - D - G - G - E - F (See page 26 for additional information)





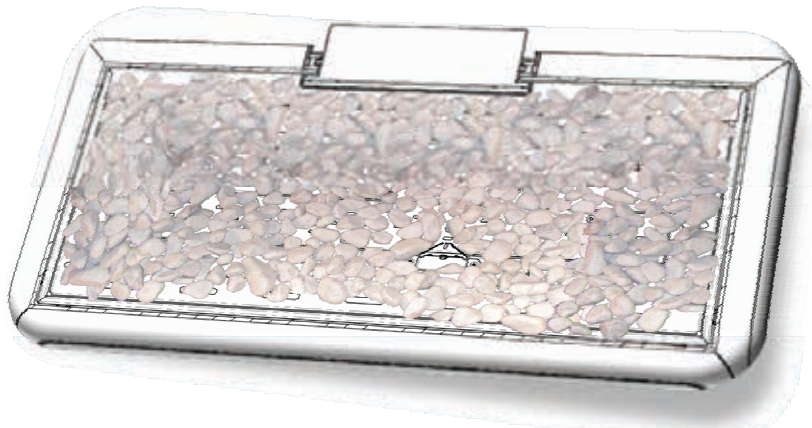
3.5.4 Danta 1400 & Koto **Used logs: A - D - D - G - G - E - F - H - H** (See page 26 for additional information)





3.5.5 Pebbles

- Scatter the bag of Pebbles over the top of the Burners and Grate, making sure that the Pilot area is left clear.
- Ensure smooth cross lighting of the Burners.



3.5.6 Stones

- Scatter the bag of Stones over the top of the Burners and Grate, making sure that the Pilot area is left clear.
- Ensure smooth cross lighting of the Burners.



3.6 Commissioning the Appliance

3.6.1 Pilot Ignition Check

1. Ignite the pilot light as described in the User Instructions
2. Check that the pilot flame stays alight
3. Extinguish the pilot light

3.6.2 Main Burner Check

1. Ignite the pilot light as described in the User Instructions
2. Turn on the main burner as described in the User Instructions
3. Check that the pilot smoothly cross-lights to the main burner and that the main burner and pilot stay alight
4. Check the operation of the second "effect" burner as described in the User Instructions
5. Extinguish the appliance fully

3.6.3 Pressure Check

The appliance is preset to give the correct heat inputs as listed in the technical details. No further adjustment is necessary. Always check the inlet pressure and burner pressure.

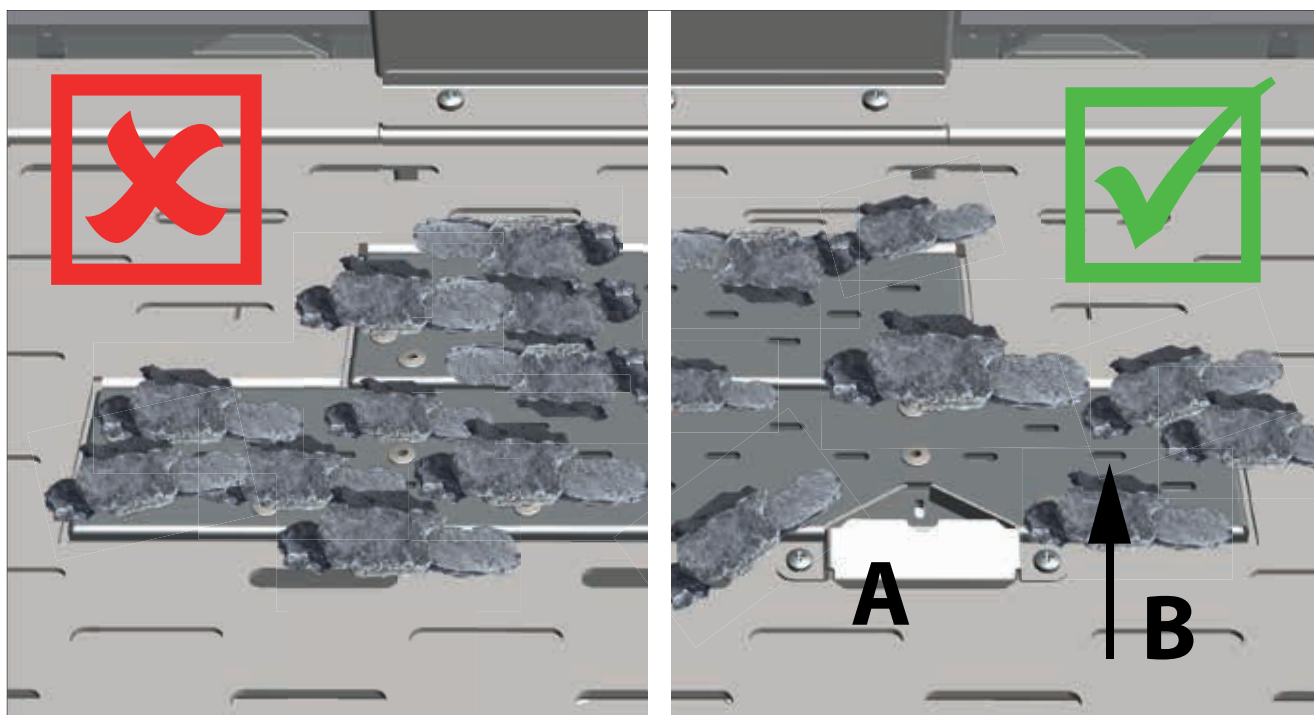
1. Turn off the gas valve on the appliance
2. Release the screw on the Inlet Pressure test point on the gas valve and connect a manometer
3. Check that the measured pressure is as the prescribed supply pressure
4. Perform the test when the appliance is burning on full (inc. "effect" burner) and with only the pilot alight
5. If the pressure is low, check the gas supply pipes are too a correct sizing
6. If the pressure is too high (more than 5 mbar over) the appliance may be installed, but the gas supply company should be contacted
7. Release the screw on the Burner Pressure test point on the gas valve and connect a manometer
8. Check that the measured pressure is as detailed in the Technical details
9. The measured value should be within +/- 10% of the described value. If this is not the case, please contact the supplier.



Note: After checking the pressures and removing the manometers, the screws in the Pressure Test points must be closed, and the system must be checked for gas-tightness.



Prevent that the embers block the pilot flame (A) and the burner holes (B) to keep the fire safe and free from sooting.



4. Servicing

Turn the appliance OFF and isolate the gas supply. Ensure the appliance is fully cold before attempting to start servicing the appliance. No liability can be accepted by Wanders for injury caused by burning or scolding by a hot appliance.

A suggested procedure for servicing is listed below.

- A. Lay out dust sheet on flooring, mask off any special fireplace materials.
- B. Remove Side Window Trims
- C. Remove Bottom Window Trim
- D. Remove Window Assembly
- E. Carefully remove the Ceramic components (including Embers) or Gravels
- F. Use a Vacuum cleaner to clean the top of the burners and grate
- G. Remove Grate
- H. Remove all 3 Burner Top assemblies, there are 3 M6 flange bolts holding each in
- I. Using a vacuum cleaner, fully clean both Burner Top.
- J. With the Burner Tops now removed, the Pilot and the heads of the injectors are clearly visible. Use the vacuum cleaner and a soft brush to clean the pilot assembly and both Injectors. Never modify or bend the Thermocouple
- K. Replace the burner top assemblies and fix in with the fixings
- L. Turn on the gas supply and check for leaks, check the burners and Pilot for good condition and operation
- M. Replace Grate
- N. Replace the Firebed arrangements
- O. Replace Window Assembly and Trims
- P. Check the flue system and terminal, making sure that the terminal vent is fully clear
- Q. Light the appliance and test setting pressures
- R. Check the safe operation of the appliance.

4.1 Cleaning the Ceramics

- Remove the ceramics as detailed in A - E above.
- Gently clean the ceramics in the open air, using a soft brush and a vacuum cleaner. Where necessary replace damaged components only with genuine Wanders specified parts. Seal any scrap ceramics in plastic bags and dispose at proper refuse sites. When using a vacuum cleaner, it is recommended that one with a HEPA filtering system is used.
- Re-fit the Firebed arrangement, re-seal the appliance and check the safe operation of the appliance.

4.2 Servicing the Burners

- Remove the Burner Top Assemblies as detailed in A - H above.
- The pilot is now clearly visible, the pilot, including the Thermocouple, can be replaced/serviced by removing raising the pilot assembly from its mounting. This is done by removing the two screws on the surface of the pilot. The fittings on the under-side of the pilot can be un-done using a 10mm spanner where appropriate.
- To access the Main Burner Injectors, the Burner base units must be removed. This is done by removing the six bolts (M6, 10mm spanner) holding the burner in. With these six bolts removed, the Burner base can be raised up through the Firebox, and the Injectors can be easily accessed.
- When replacing any parts use only original Wanders specified parts.

4.3 Spare parts

Part description	Partnumber for Danta 500	Partnumber for Danta 800	Partnumber for Danta 1100	Partnumber for Danta 1400	Partnumber for Koto
Glass (front)	GLA.00.0770	GLA.00.0750	GLA.00.0720	GLA.00.0700	GLA.00.0798
Glass (side)	GLA.00.0730				n/a
Glass (back)	GLA.00.0780	GLA.00.0760	GLA.00.0740	GLA.00.0710	GLA.00.0798
Log set	INK.00.6030	INK.00.6031	INK.00.6032	INK.00.6033	INK.00.6033
Remote handset	INK.3252				
Remote receiver	INK.3253				
Adapter	INK.3270				
Thermocouple	Mertik				
Rope (glass - body)	selfadhesive 15 x 3				
Rope (glassclips)	selfadhesive 10 x 3				
Spraycan (400 ml)	INK.8001				

4.4 Flue pipes

Part description	Part number Ø 100/150 mm	Part number Ø 130/200 mm
Concentric pipe L = 1000 mm	INK.4305	INK.4405
Concentric pipe L = 500, pipe can be cut to fit	INK.4310	INK.4410
Concentric pipe L = 325 - 440 mm	INK.4325	INK.4425
Concentric elbow 45°	INK.4370	INK.4470
Concentric elbow 90°	INK.4350	INK.4450
Concentric pipe L = 165 mm with 2 measuring points	INK.4380	INK.4480
Concentric wall outlet C11	INK.4330	INK.4430
Concentric reducer Ø 130/200 - Ø 100/150 mm		INK.4490

5. Technical Information

5.1 Countries of Use

Code	Country	Natural	LPG
AT	Austria	I2H, G20 at 20 mbar	I3P(50),G31 at 50 mbar; I3B/P(50),G30/G31 at 50 mbar
BE	Belgium	I2E+, G20/G25 at 20/25 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar
BG	Bulgaria	I2H, G20 at 20 mbar	I3B/P(30),G30/G31 at 30 mbar
CH	Switzerland	I2H, G20 at 20 mbar	I3P(50),G31 at 50 mbar; I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(50),G30/G31 at 50
CY	Cyprus	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3B/P(30),G30/G31 at 30 mbar
CZ	Czech Republic	I2H, G20 at 20 mbar	I3P(50),G31 at 50 mbar; I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(50),G30/G31 at 50
DE	Germany	I2ELL, G25 at 20 mbar ¹ ; I2E, G20 at 20 mbar	I3P(50),G31 at 50 mbar; I3B/P(50),G30/G31 at 50
DK	Denmark	I2H, G20 at 20 mbar	I3B/P(30),G30/G31 at 30 mbar
EE	Estonia	I2H, G20 at 20 mbar	I3B/P(30),G30/G31 at 30 mbar
ES	Spain	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar
FI	Finland	I2H, G20 at 20 mbar	I3P(30),G31 at 30 mbar; I3B/P(30),G30/G31 at 30 mbar
FR	France	I2E+, G20/G25 at 20/25 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar; I3B/P(50),G30/G31 at 50
GB	United Kingdom	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar
GR	Greece	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar
HU	Hungary		I3B/P(30),G30/G31 at 30 mbar
HR	Croatia	I2H, G20 at 20 mbar	I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar
IE	Ireland	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar
IS	Iceland		
IT	Italy	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar
LT	Lithuania	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar
LU	Luxembourg	I2E, G20 at 20 mbar	
LV	Latvia	I2H, G20 at 20 mbar	
MT	Malta		I3B/P(30),G30/G31 at 30 mbar
NL	The Netherlands	I2L/I2EK, G25/G25.3 at 25 mbar	I3P(50),G31 at 50 mbar; I3P(30),G31 at 30 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar
NO	Norway	I2H, G20 at 20 mbar	I3B/P(30),G30/G31 at 30 mbar
PL	Poland	I2E, G20 at 20 mbar	I3P(37),G31 at 37 mbar
PT	Portugal	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar
RO	Romania	I2E, G20 at 20 mbar	I3P(30),G31 at 30 mbar; I3B/P(30),G30/G31 at 30 mbar
SE	Sweden	I2H, G20 at 20 mbar	I3B/P(30),G30/G31 at 30 mbar
SL	Slovenia	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar
SK	Slovakia	I2H, G20 at 20 mbar	I3P(50),G31 at 50 mbar; I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar; I3B/P(50),G30/G31 at 50
TR	Turkey	I2H, G20 at 20 mbar	I3+,G31/G31 at 28/37 mbar; I3P(37),G31 at 37 mbar; I3B/P(30),G30/G31 at 30 mbar

5.2 Technical Data

Product Identification Number:

- 0359CO1364 for Danta,
- 0359CP1411 for Koto

5.2.1 Danta 500

Gas type		G20	G20/G25	G25/G25.3	G20/G25	G30/G31		G31	
		I2H, I2E	I2E+	I2L/I2EK	I2ELL	I3B/P (30/50)	I3+	I3P (37/50)	I3P (30)
Supply pressure	mbar	20	20/25	25	20	30/50	28-30/37	37/50	30
Nominal heat input gross (Hs)	kW	7,5	7,5	7,5	7,5	7,1	7,1	7,1	6,0
Nominal heat input nett (Hi)	kW	6,8	6,8	6,8	6,8	6,6	6,6	6,6	5,5
Consumption	m³/hr	0,711	0,711/ 0,828	0,828	0,828	0,204	0,204	0,261	0,221
Burner pressure (hot)	mbar	11,9	11,9/ 18,75	18,75	18,75	28,3	28,3	36,0	29,1
Injector marking		280 (x2)				120 front, 100 rear			
Pilot		440-1350-xx (31.2 inj)				440-1350-xx (27.1 inj)			
Efficiency class		2							
Nox class		5							
Type		C11/C31							

5.2.2 Danta 800

Gas type		G20	G20/G25	G25/G25.3	G20/G25	G30/G31		G31	
		I2H, I2E	I2E+	I2L/I2EK	I2ELL	I3B/P (30/50)	I3+	I3P (37/50)	I3P (30)
Supply pressure	mbar	20	20/25	25	20	30/50	28-30/37	37/50	30
Nominal heat input gross (Hs)	kW	10,0	10,0	10,0	10,0	8,4	8,4	8,4	7,2
Nominal heat input nett (Hi)	kW	9,0	9,0	9,0	9,0	7,8	7,8	7,8	6,6
Consumption	m³/hr	0,937	0,937/ 1,09	1,09	1,09	0,234	0,234	0,304	0,261
Burner pressure (hot)	mbar	14,8	14,8/ 20,5	20,5	17,0	27,9	27,9	36,0	28,9
Injector marking		380 (x2)			400 (x2)	120 (x2)			
Pilot		440-1350-xx (31.2 inj)				440-1350-xx (27.1 inj)			
Efficiency class		2							
Nox class		5							
Type		C11/C31							

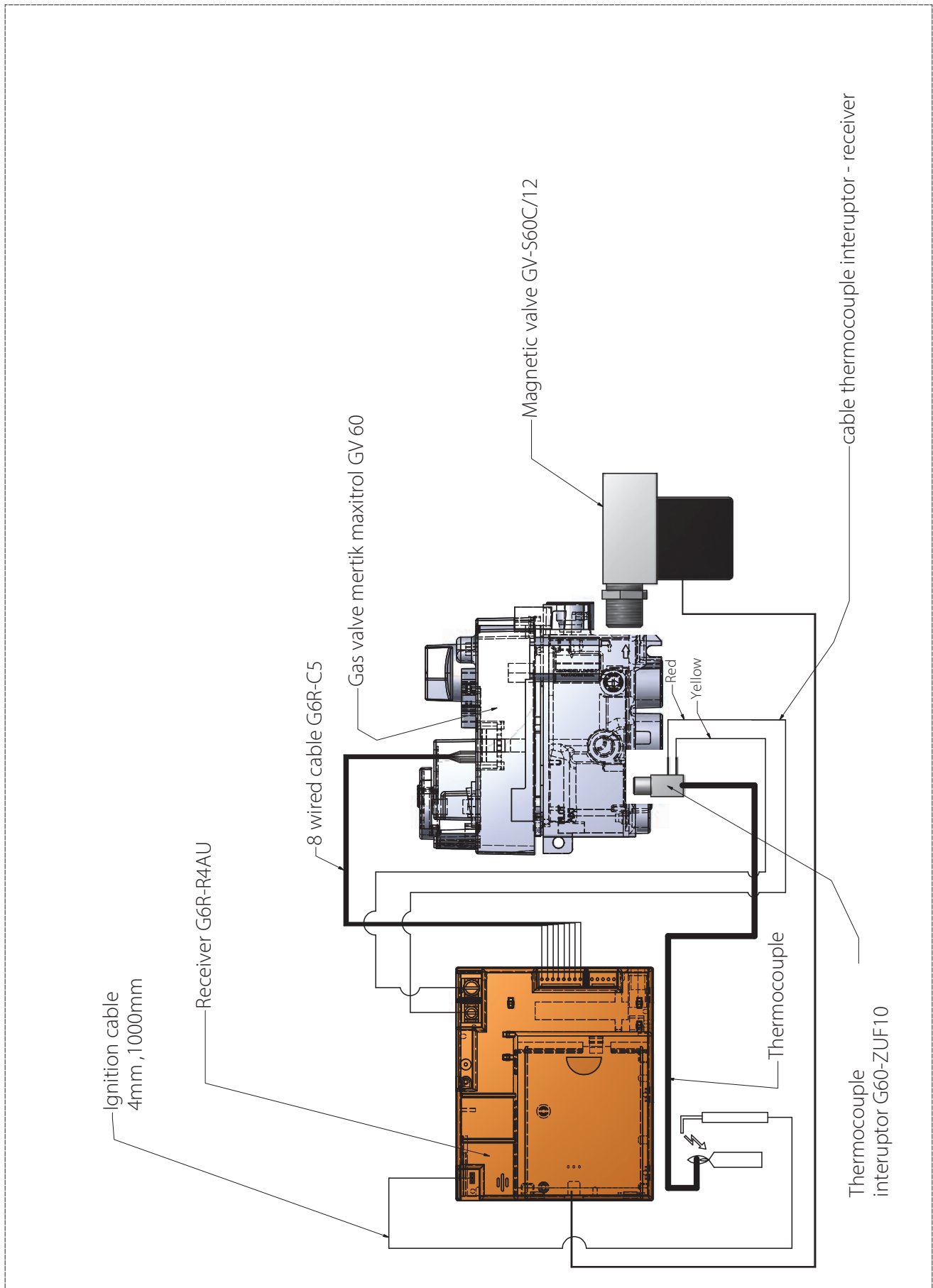
5.2.3 Danta 1100 & Koto

Gas type		G20	G20/G25	G25/G25.3	G20/G25	G30/G31		G31	
		I2H, I2E	I2E+	I2L/I2EK	I2ELL	I3B/P (30/50)	I3+	I3P (37/50)	I3P (30)
Supply pressure	mbar	20	20/25	25	20	30/50	28-30/37	37/50	30
Nominal heat input gross (Hs)	kW	13	13	13	13	10,8	10,8	10,8	9,3
Nominal heat input nett (Hi)	kW	11,7	11,7	11,7	11,7	10,0	10,0	10,0	8,6
Consumption	m³/hr	1,228	1,228/ 1,4	1,4	1,4	0,303	0,303	0,399	0,344
Burner pressure (hot)	mbar	16,0	16,0/ 18,5	18,5	15	28,6	28,6	36,0	29,5
Injector marking		480 (x2)			560 (x2)	160 front, 120 rear			
Pilot		440-1350-xx (31.2 inj)				440-1350-xx (27.1 inj)			
Efficiency class		2							
Nox class		5							
Type		C11/C31							

5.2.4 Danta 1400

Gas type		G20	G20/G25	G25/G25.3	G20/G25	G30/G31		G31	
		I2H, I2E	I2E+	I2L/I2EK	I2ELL	I3B/P (30/50)	I3+	I3P (37/50)	I3P (30)
Supply pressure	mbar	20	20/25	25	20	30/50	28-30/37	37/50	30
Nominal heat input gross (Hs)	kW	15,5	15,5	15,5	15,5	12,1	12,1	12,1	10,5
Nominal heat input nett (Hi)	kW	14,0	14,0	14,0	14,0	11,2	11,2	11,2	9,7
Consumption	m³/hr	1,447	1,447/ 1,68	1,68	1,68	0,34	0,34	0,45	0,39
Burner pressure (hot)	mbar	13,85	13,85/ 21,3	21,3	16,0	25,2	25,2	35,0	26,2
Injector marking		560 front, 480 rear			650 front, 560 rear	160 (x2)			
Pilot		440-1350-xx (31.2 inj)				440-1350-xx (27.1 inj)			
Efficiency class		2							
Nox class		5							
Type		C11/C31							

6. Electric wiring





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fires & stoves

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garantiebewijs / guarantee certificate / certificat de garantie / garantieschein

model / model / modèle / modell

serienummer / serial number
nr. de série / seriennummer

aankoop datum / date of purchase
date de l'achat / kaufdatum

kopie aankoopbewijs bijvoegen aub / please enclose copy of proof of purchase / s'il vous plaît joindre copie de la preuve d'achat / bitte kopie vom kaufbeleg beifügen

naam / name / nom / name

adres / address / adresse / adresse

postcode - plaats / postal code - town
code postal - lieu / postleitzahl - ort

land / country / pays / land

dealer gegevens / dealer information / l'information revendeur / händler informationen

naam / name / nom / name

adres / address / adresse / adresse

postcode - plaats / postal code - town
code postal - lieu / postleitzahl - ort

land / country / pays / land

Onder de garantie vallen alle gebreken die te herleiden zijn tot materiaal- en constructiefouten. In die gevallen ontvangt u gratis nieuwe onderdelen. Arbeidsloon en andere kosten vallen niet onder de garantie. Defecte onderdelen kunt franco toezenden aan WANDERS Metaalproducten B.V., Amtweg 4, 7077 AL, Netterden.

The guarantee includes all defects which can be reduced to flaws in material and construction, in which case you will receive the new parts free of charge. Labour costs or other expenses are not covered by the guarantee. You can send defect parts (shipping paid) to WANDERS Metaalproducten B.V., Amtweg 4, 7077 AL in Netterden [The Netherlands].

La garantie couvre tous les défauts qui résulteraient des vices de matière et de construction. Dans ces cas, vous recevrez des pièces nouvelles gratuitement. Les frais de salaire et les autres frais n'entrent pas dans le champ de la garantie. Les pièces défectueuses peuvent être expédiées franco à WANDERS Metaalproducten B.V., Amtweg 4, 7077 AL, Netterden, Pays-Bas.

Unter diese Garantie fallen alle Mängel die auf Material- oder Konstruktionsfehler zurückzuführen sind. In diesen Fällen erhalten Sie gratis neue Ersatzteile. Der Arbeitslohn und andere Kosten fallen nicht unter die Garantie. Fehlerhafte Teile können Sie franco an WANDERS Metaalproducten B.V. Amtweg 4, 7077 AL Netterden (Holland) schicken.

Voordat de haard geplaatst wordt, moet u controleren of er zichtbare schade is aan het toestel. In dat geval moet u het toestel niet accepteren, maar contact opnemen met uw leverancier.

Before installing your stove you must check if there is any visible damage to the unit. If there is, do not accept the unit and contact your supplier.

Avant de procéder à la pose de l'appareil vous devrez vérifier si le poêle ne présente pas des dommages visibles. Dans ce cas, il ne faut pas accepter l'appareil en prendre contact avec votre fournisseur.

Vor Montage des Ofens müssen Sie kontrollieren ob das Gerät keine sichtbaren Schäden aufweist. In dem Fall müssen Sie das Gerät nicht akzeptieren, müssen aber mit Ihren Lieferanten Kontakt aufnehmen.

Buiten de garantie vallen: het glas, storingen ontstaan door onoordeelkundig gebruik; niet juiste naleving van de landelijke voorschriften en de bijgevoegde installatie- en bedieningsvoorschriften; installatie door een niet door WANDERS erkend installateur of dealer; verwaarlozing van het toestel en bij wisseling van eigenaar. De garantie vervalt ook bij gebruik van een verkeerde brandstof.

The guarantee does not include: the glass, failure due to improper use; non-compliance with the national regulations and enclosed installation and operating instructions; installation by an installer of dealer who is not acknowledged by WANDERS, negligence of the unit and change of owner. The guarantee is also disclaimed when a wrong fuel is used.

La garantie ne couvre pas la vitre et ne s'applique pas aux dérangements provenant d'une mauvaise utilisation, d'un manque de respect de la réglementation nationale et des instructions d'installation et d'emploi fournis avec l'appareil, d'une installation effectuée par un installateur ou revendeur non-agréé par WANDERS, d'un défaut d'entretien et en cas où le poêle serait passé en d'autres mains. La garantie ne s'applique pas non plus si un combustible non approprié a été utilisé.

Nicht unter die Garantie fallen: Störungen die durch nicht sachgemäßen Gebrauch entstanden sind; nicht strikte Befolgung der Installations- und Bedienungsvorschriften; Montage durch einen nicht von WANDERS anerkannten Installateur, Vernachlässigung des Ofens und bei einem Wechsel des Besitzers. Die Garantie verfällt auch, wenn verkehrtes Heizmaterial benützt wurde.

WANDERS is niet verantwoordelijk voor eventuele scheuren in sierpleisterwerk en verkleuringen van wanden, plafonds en/of roosters na het stoken van de haard. Verkleuringen kunnen ontstaan doordat stofdeeltjes verbranden in de convectionmantel. Om de kans op scheuren in sierpleisterwerk en eventuele verkleuringen te minimaliseren verwijzen wij naar het advies dat gegeven wordt in de sfeerhaardenbranche. Uw installateur kan u hierover informeren.

WANDERS disclaims responsibility for any cracks in stuccoed walls or discolouration of walls, ceilings and/or grates after burning the fireplace. Discolouration can be caused when dust particles burn in the convection cover. To minimize the chance of cracks in stucco and discolouration we refer to the advice given for decorative hearths. Your installer can give you more information.

WANDERS n'est pas responsable des éventuelles fissures au plâtre de parement et des décolorations des parois, plafonds et/ou grilles après le chauffage du poêle. Les décolorations peuvent être causées par la combustion des grains de poussière dans le manteau de convection. Pour réduire au maximum les fissures au plâtre et les décolorations éventuelles, veuillez vous reporter aux consignes généralement données dans le commerce sur les poêles d'ambiance. Votre installateur vous renseignera.

Wanders ist nicht verantwortlich für eventuelle Risse im Feinputz und Verfärbungen der Wände, Decken und/oder Roste nach Heizen des Ofens. Verfärbungen können entstehen weil Staubteilchen im Konvektionsmantel verbrennen. Um eventuelle Risse im Feinputz und Verfärbungen zu minimalisieren, verweisen Sie auf den Rat der von der Branche für Kaminöfen gegeben wird. Ihr Installateur kann Sie darüber informieren.

Klachten worden in behandeling genomen nadat de verkoopfirma/installateur of het gasbedrijf een klacht heeft ingediend, vergezeld van de aankoopdatum en een kopie van de aankoopbon. Reparaties geven geen recht op verlenging van de garantietermijn.

Any complaints will be dealt with after the sales firm, the installer has filed a complaint and sent a copy of the purchase receipt with purchase date. Any repairs do not entitle you to extend the guarantee term.

Les plaintes sont examinées après qu'elles ont été présentées par l'établissement de vente, par l'installateur, accompagnées d'une copie de la facture d'achat indiquant la date d'achat. Les réparations ne donnent pas droit à une prorogation de la durée de garantie.

Reklamationen werden erst dann behandelt, wenn die Verkaufsfirma, der Installateur eine Reklamation, zusammen mit einer Kopie des Kassenzettels mit Kaufdatum, eingereicht hat. Reparaturen berechtigen nicht zu einer Verlängerung der Garantie.

Alle gevolgschade wordt uitgesloten.

Les dommages conséquents sont exclus.

Alle Folgeschäden sind ausgeschlossen.



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