



THE SYNERGY PERSPECTIVE Balanced Flue Fire

Data Sheet

Wall Mounted Television above a Synergy Perspective Balanced Flue Gas Heater

! IMPORTANT NOTE !

**THESE INSTRUCTIONS MUST BE READ IN CONJUNCTION
WITH THE USE, INSTALLATION & SERVICING
INSTRUCTIONS SUPPLIED WITH THE SYNERGY GAS FIRE**

**ALL INSTRUCTIONS MUST BE LEFT WITH THE USER FOR
SAFE KEEPING**

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IMPORTANT NOTES

This Data Sheet detail the Installation Recommendations for Wall Mounted Televisions when Installed above the Various Installation Options for a Synergy Perspective Balanced Flue Gas Fire.

IMPORTANT: The Synergy Perspective BF Steel Model can only be used with a Wall Mounted Television if it is Installed in a Fire Surround Application.

IMPORTANT: The Synergy Perspective Balanced Flue Gas Fire operates at a far higher temperature than a traditional flued fire due to its high efficiency and flue system which could have a damaging effect on any Wall Mounted Television therefore we recommend that the Installation requirements of these Instructions are adhered to.

IMPORTANT NOTES

IMPORTANT: The Synergy Perspective BF will affect the height and position of the Television therefore it is important to check what height position options are possible.

IMPORTANT: You Must take account of the Television Manufacturers Installation requirements provided within their instructions as wall mounting above a Gas Fire could invalidate the warranty.

IMPORTANT: The Installation Requirements for Televisions with Wall Mounted Installation Fires is different to a Fire Surround Installation, refer to the relevant Section.

IMPORTANT: It is Very Important that you read and study the unique Installation requirements noting the additional equipment that may be required.

IMPORTANT: You will also need to refer to the Installation Instructions.

Now refer to the Installation Version you are considering on the following pages.

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3	As per Section 1 but where due to a fault with the chimney a Balanced Flue fire is being used and the chimney has been sealed off with a Combustible or Non Combustible Fire Surround.	5
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Section 1

Fire Surround Installations (Combustible or Non Combustible Fire Surround)

Important: The Installation Requirements for Combustible (e.g. Wood Mantel) are different to a Non Combustible (e.g. Stone Surround). Refer to the Relevant Diagram Below.

Important: Due to the High Heat Output of the Synergy Range The Installation Requirements of this Data Sheet Must Be Adhered To For Fire Surrounds with a Wall Mounted Television.

Fire Installation Requirements

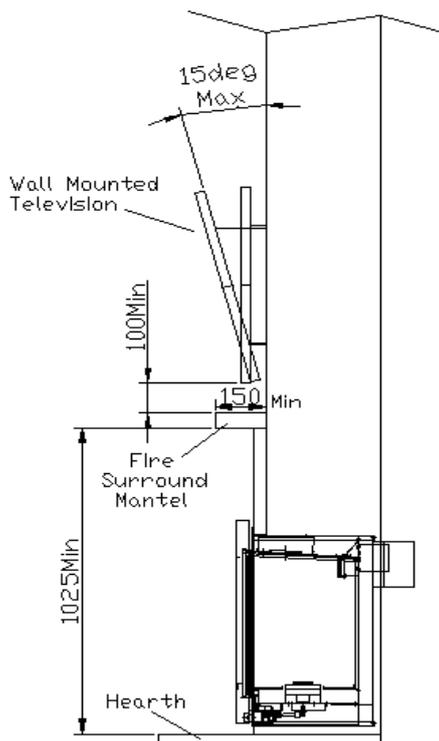
Note: The Sizes Required For The Building Enclosure Are Detailed In The Installation Instructions.

- The fire and flue must be installed in a purpose made building enclosure lined with a non combustible board e. g. Superlux board or equivalent (Not Fibre Glass) which Must seal off the area to reduce any temperature build up within the chimney breast and particularly in the area of the wall behind the wall mounted television. Note: The Enclosure must extend to the front of the opening to ensure it seals off any gaps where heat from the fire may pass into the Chimney Breast area.
- It is recommended that with any false chimney breast ventilation grilles are used at both floor and ceiling level at each side of the chimney breast to reduce any temperature build up in the area of the wall behind the wall mounted television.

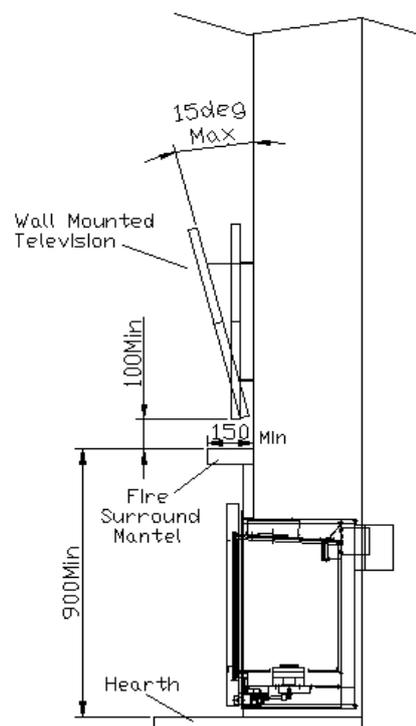
Wall Mounted Television Requirements above a Fire with a Fire Surround Installation

- The Temperature above a Fire Surround has been checked to provide an actual Ambient Temperature of 90° Fahrenheit (32° Centigrade) when the Synergy Perspective BF is Installed as detailed in the Fire's Installation Instructions and the Fire Surround meets the Minimum Dimensions as detailed in the Diagrams Below.
- You **Must** take account of the Television Manufacturer's Installation requirements provided within their Instructions.
- The preferred height position for a Wall Mounted TV may only be possible with a specific design of Fire Surround.
- The Fire surround **Must** meet the Minimum Dimensions shown in the Diagrams to be suitable for a Wall Mounted Television.
- The Television can be Mounted Vertically if desired with a suitable Wall Bracket.
- Alternatively to help provide the preferred viewing position a 15° Angled Wall Mounting Bracket can be used for the Television Installation. A wall bracket with a larger angle **Must Not** be used.
- The television needs a natural air flow to keep cool therefore we do not recommend that the television is sunk into the all unless additional forced air cooling is provided.
- It is recommended that, for aesthetic reasons, due consideration is given prior to Installation for the provision of mains electric, aerial, sound and any other Connections that you may wish hidden behind the Television.
- Check First for the positions of any wires within the wall before drilling for the fixings.
- Ensure the wall is sound and the wall fixings are secure and able to take the weight of the Television.
- The Fire Surround and fixing requirements provided will ensure thermal protection through the critical central area therefore will still be suitable for Wider televisions, however all other requirements of these instructions must also be adhered too.

**Combustible Fire Surround Installation e.g.
Wood Mantel**



**Non Combustible Fire Surround
e.g. Stone, Marble**



Section 2

Wall Mounted Fire Installations ((Refer to the Diagrams Below))

Note: The Synergy Perspective BF Steel Model is not suitable for a Wall Mounted Television.

Important: For Wall Mounted Installations the Fire Must have been specified as a Wall Mounted Installation and for Use with a Wall Mounted Television therefore the Fire should have therefore then been Ordered and Supplied With A Top Glass Shield Bracket and Television Bracket. These Parts Must Be Obtained before the Installation can be started.

Important: Due to the High Heat Output of the Synergy Perspective Balanced Flue Fire The Installation Requirements of this Data Sheet and the Fires Instructions Must Be Adhered To For Wall Mounted Television Applications. This will Also Determine the Possible Television Height Position Options.

Fire Installation Requirements

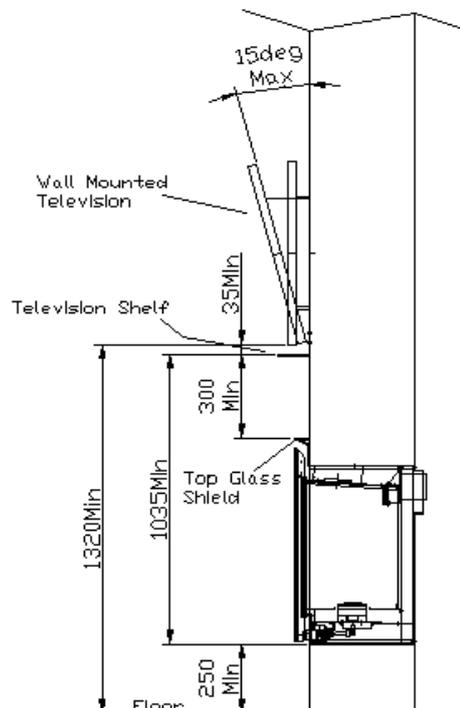
Note: The Sizes Required For The Building Enclosure Are Detailed In The Installation Instructions.

- a. The fire and flue must be installed in a purpose made building enclosure lined with a non combustible board e. g. Superlux board or equivalent (Not Fibre Glass) which Must seal off the area to reduce any temperature build up within the chimney breast and particularly in the area of the wall behind the wall mounted television. Note: The Enclosure must extend to the front of the opening to ensure it seals off any gaps where heat from the fire may pass into the Chimney Breast area.
- b. It is recommended that with any false chimney breast ventilation grilles are used at both floor and ceiling level at each side of the chimney breast to reduce any temperature build up in the area of the wall behind the wall mounted television.

Wall Mounted Television Requirements above a Wall Mounted Fire

- a. The Temperature above the Wall Mounted Fire with Top Glass Shield and Television Brackets have been verified by BSI to provide an actual Ambient Temperature of 90° Fahrenheit (32° Centigrade) when the Synergy is Installed as detailed in the Fire's Installation Instructions and the Installation meets the Minimum Dimensions as detailed in the Diagrams Below.
- b. You **Must** take account of the Television Manufacturer's Installation requirements provided within their Instructions.
- c. The Top Glass Shield Bracket with Television Bracket **Must** always be used if a Television is to be Mounted above the Synergy Range of Gas Fires.
- d. The preferred height position for a Wall Mounted Television **Must** meet the Installation Requirements of these Instructions.
- e. The Nu-Flame Television Shelf is only suitable for the Nu-Flame Synergy Range of Gas Fires.
- f. The Television Shelf fixings will be hidden behind the Television so this should be fixed prior to the final fixing of the Television.
- g. Check First for the positions of any wires within the wall before drilling for the fixings.
- h. The **Minimum** Dimensions for the position of the Television Shelf and Television **Must** be used as shown in the diagrams.
- i. The Television can be Mounted Vertically if desired with a suitable Wall Bracket.
- j. Alternatively to help provide the preferred viewing position a 15° Angled Wall Mounting Bracket can be used for the Television Installation. A wall bracket with a larger angle **Must Not** be used.
- k. It is recommended that, for aesthetic reasons, due consideration is given prior to Installation for the provision of mains electric, aerial, sound and any other Connections that you may wish hidden behind the Television.
- l. Ensure the wall is sound and the wall fixings are secure and able to take the weight of the Television.
- m. The Top Glass Shield and Television Bracket ensure thermal protection through the critical central area therefore will still be suitable for Wider televisions, however all other requirements of these instructions must also be adhered too.

Wall Mounted Fire with Television Installations



Section 3

Synergy Perspective Balanced Flue Being Used To Overcome a Faultly Chimney Installation Into Either a Combustible or Non Combustible Fire Surround Application

Important: This Section Only Applies To The Above Type Of Installation with a Wall Mounted Television.

Important: The Installation Requirements for Combustible (e.g. Wood Mantel) are different to a Non Combustible (e.g. Stone Surround). Refer to the Relevant Diagram Below.

Important: Due to the High Heat Output of the Synergy Perspective Balanced Flue Fire The Installation Requirements of this Data Sheet Must Be Adhered To For Wall Mounted Television Applications. This will Also Determine the Possible Television Height Position Options.

Fire Installation Requirements

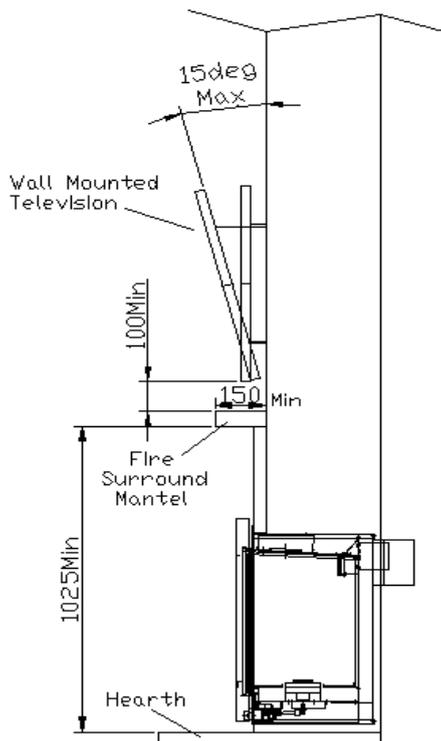
Note: The Sizes Required For The Building Enclosure Are Detailed In The Installation Instructions.

- The Chimney and specifically the area above the fire enclosure Must be sealed off to ensure no heat is transferred to the wall and structure above the fire.
- It is **Very Important** in the case of Dry Lined property that the air gap above and around the Building Enclosure is also sealed off.

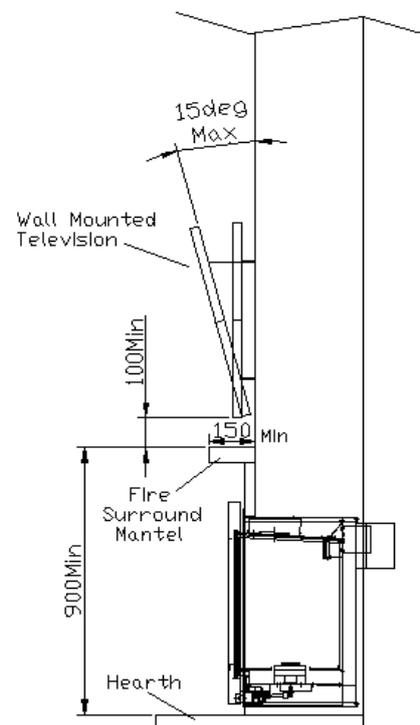
Wall Mounted Television Requirements above a Fire with a Fire Surround Installation

- The Temperature above a Fire Surround has been checked to provide an actual Ambient Temperature of 90° Fahrenheit (32° Centigrade) when the Synergy Perspective BF is Installed as detailed in the Fire's Installation Instructions and the Fire Surround meets the Minimum Dimensions as detailed in the Diagrams Below.
- You **Must** take account of the Television Manufacturer's Installation requirements provided within their Instructions.
- The preferred height position for a Wall Mounted TV may only be possible with a specific design of Fire Surround.
- The Fire surround **Must** meet the Minimum Dimensions shown in the Diagrams to be suitable for a Wall Mounted Television.
- The Television can be Mounted Vertically if desired with a suitable Wall Bracket.
- Alternatively to help provide the preferred viewing position a 15° Angled Wall Mounting Bracket can be used for the Television Installation. A wall bracket with a larger angle **Must Not** be used.
- The television needs a natural air flow to keep cool therefore we do not recommend that the television is sunk into the wall unless additional forced air cooling is provided.
- It is recommended that, for aesthetic reasons, due consideration is given prior to Installation for the provision of mains electric, aerial, sound and any other Connections that you may wish hidden behind the Television.
- Check First for the positions of any wires within the wall before drilling for the fixings.
- Ensure the wall is sound and the wall fixings are secure and able to take the weight of the Television.
- The Fire Surround and fixing requirements provided will ensure thermal protection through the critical central area therefore will still be suitable for Wider televisions, however all other requirements of these instructions must also be adhered too.

Combustible Fire Surround Installation e.g. Wood Mantel



Non Combustible Fire Surround e.g. Stone, Marble



Section 4

Synergy Perspective Balanced Flue Being Wall Mounted and Used to Overcome a Faulty Chimney Installation (Refer to the Diagrams Below)

Note: The Synergy Perspective BF Steel Model is not suitable for a Wall Mounted Television.

Important: For Wall Mounted Installations the Fire Must have been specified as a Wall Mounted Installation and for Use with a Wall Mounted Television therefore the Fire should have therefore then been Ordered and Supplied With A Top Glass Shield Bracket and Television Bracket. These Parts Must Be Obtained before the Installation can be started.

Important: Due to the High Heat Output of the Synergy Perspective Balanced Flue Fire The Installation Requirements of this Data Sheet Must Be Adhered To For Wall Mounted Television Applications. This will Also Determine the Possible Television Height Position Options.

Fire Installation Requirements

Note: The Sizes Required For The Building Enclosure Are Detailed In The Installation Instructions.

- a. The Chimney and specifically the area above the fire enclosure Must be sealed off to ensure no heat is transferred to the wall and structure above the fire.
- b. It is **Very Important** in the case of Dry Lined property that the air gap above and around the Building Enclosure is also sealed off.

Wall Mounted Television Requirements above a Wall Mounted Fire

- a. The Temperature above the Wall Mounted Fire with Top Glass Shield and Television Brackets have been verified by BSI to provide an actual Ambient Temperature of 90° Fahrenheit (32° Centigrade) when the Synergy is Installed as detailed in the Fire's Installation Instructions and the Installation meets the Minimum Dimensions as detailed in the Diagrams Below.
- b. You **Must** take account of the Television Manufacturer's Installation requirements provided within their Instructions.
- c. The Top Glass Shield Bracket with Television Bracket **Must** always be used if a Television is to be Mounted above the Synergy Range of Gas Fires.
- d. The preferred height position for a Wall Mounted Television **Must** meet the Installation Requirements of these Instructions.
- e. The Nu-Flame Television Shelf is only suitable for the Nu-Flame Synergy Range of Gas Fires.
- f. The Television Shelf fixings will be hidden behind the Television so this should be fixed prior to the final fixing of the Television.
- g. Check First for the positions of any wires within the wall before drilling for the fixings.
- h. The **Minimum** Dimensions for the position of the Television Shelf and Television **Must** be used as shown in the diagrams.
- i. The Television can be Mounted Vertically if desired with a suitable Wall Bracket.
- j. Alternatively to help provide the preferred viewing position a 15° Angled Wall Mounting Bracket can be used for the Television Installation. A wall bracket with a larger angle **Must Not** be used.
- k. It is recommended that, for aesthetic reasons, due consideration is given prior to Installation for the provision of mains electric, aerial, sound and any other Connections that you may wish hidden behind the Television.
- l. Ensure the wall is sound and the wall fixings are secure and able to take the weight of the Television.
- m. The Top Glass Shield and Television Bracket ensure thermal protection through the critical central area therefore will still be suitable for Wider televisions, however all other requirements of these instructions must also be adhered too.

Wall Mounted Fire with Television Installations

