

This manual must be kept with the appliance
Part No E517

October 2010

CSC Range

Installation Design Guide



Working towards
a cleaner future



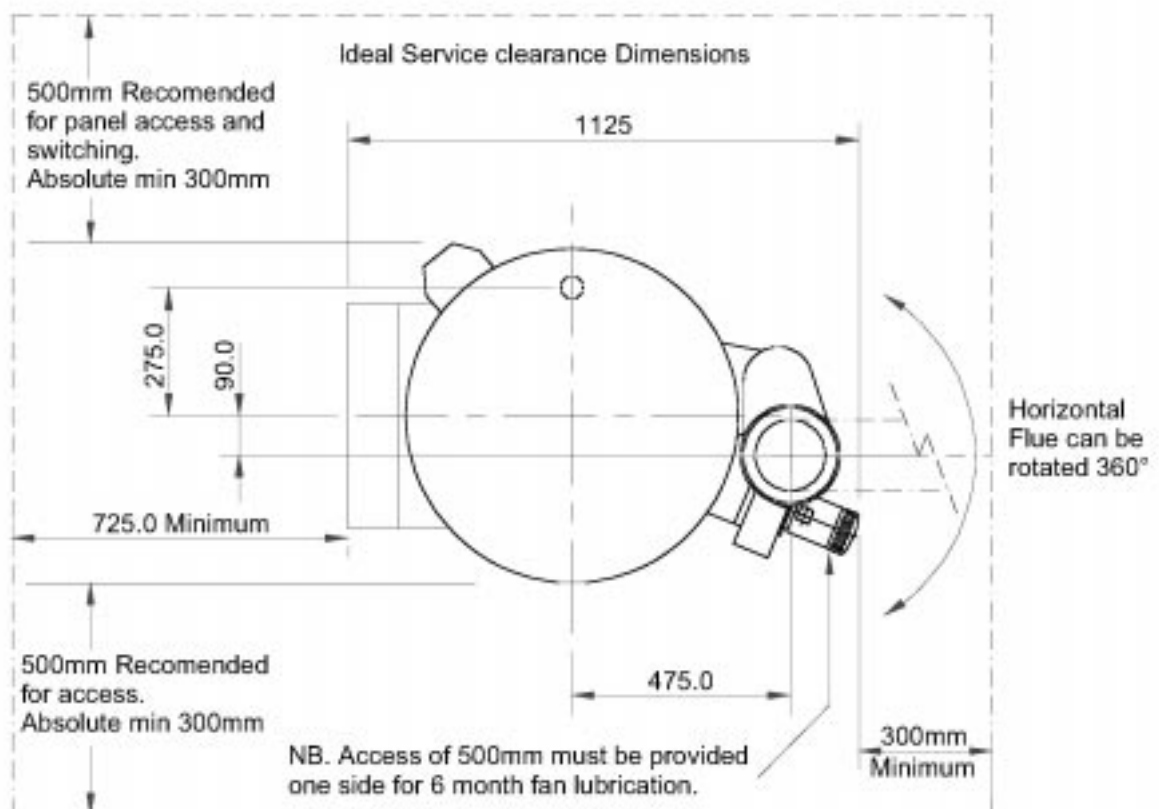
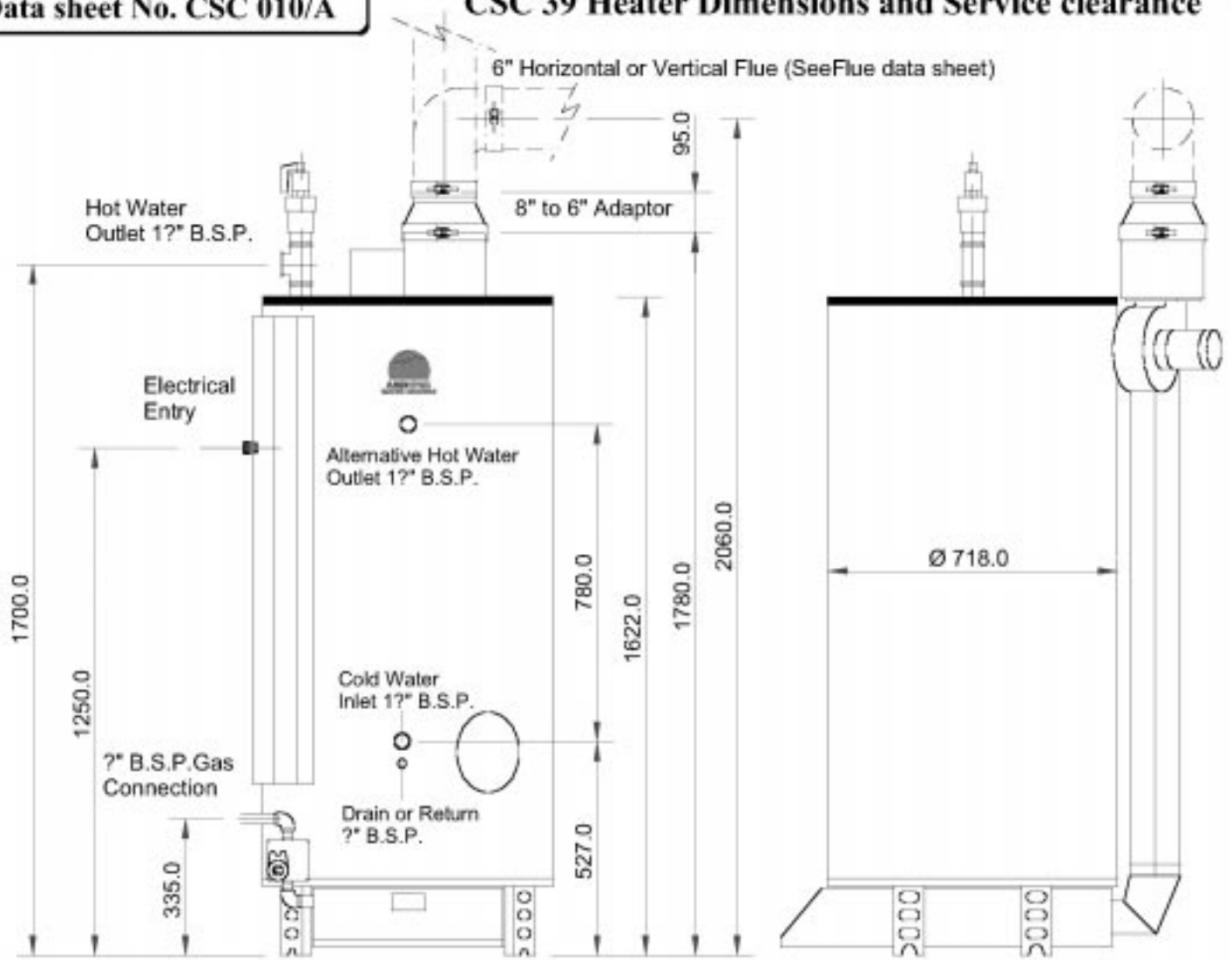
ANDREWS CSC RANGE INSTALLATION DESIGN GUIDE

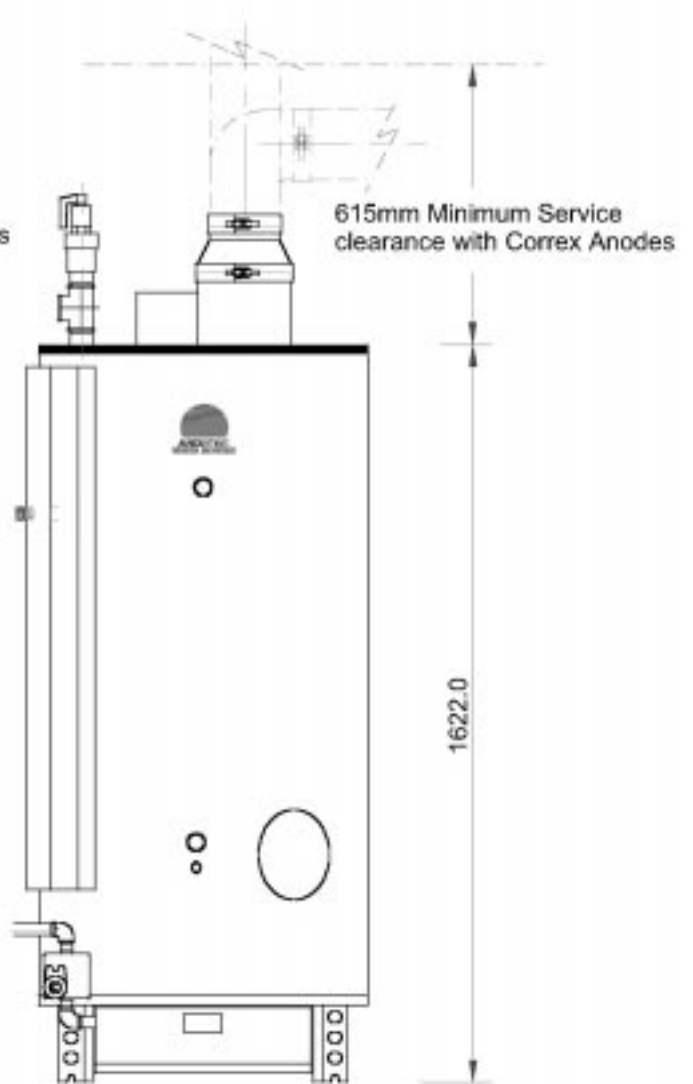
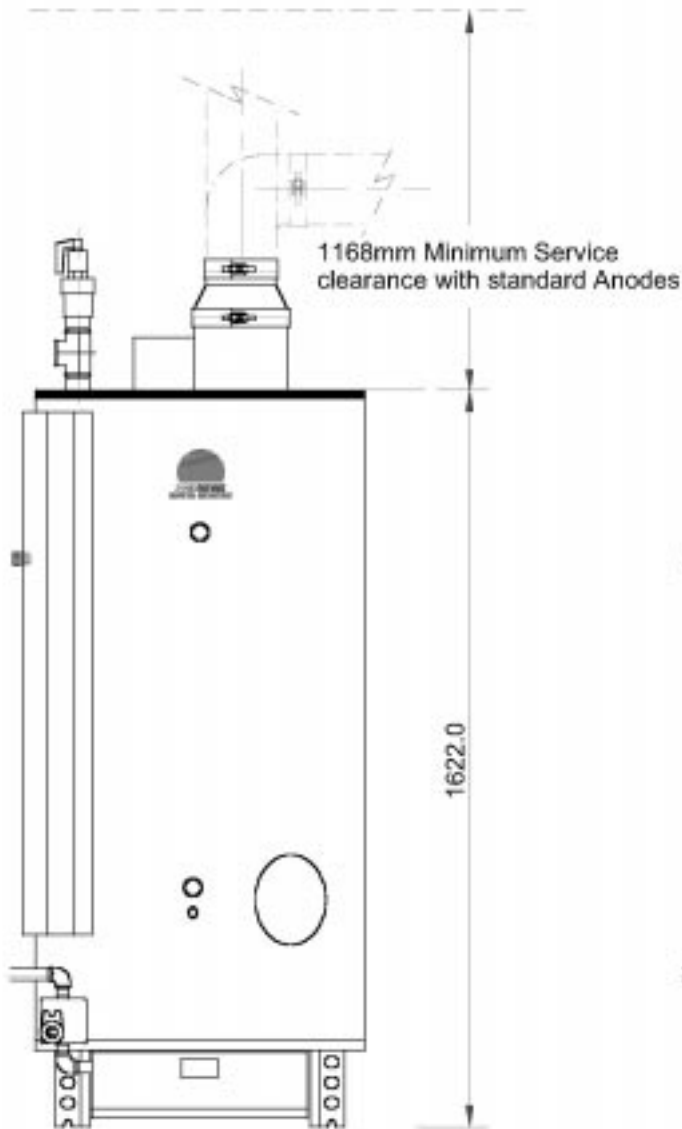
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Data sheet No. CSC 010/A

CSC 39 Heater Dimensions and Service clearance

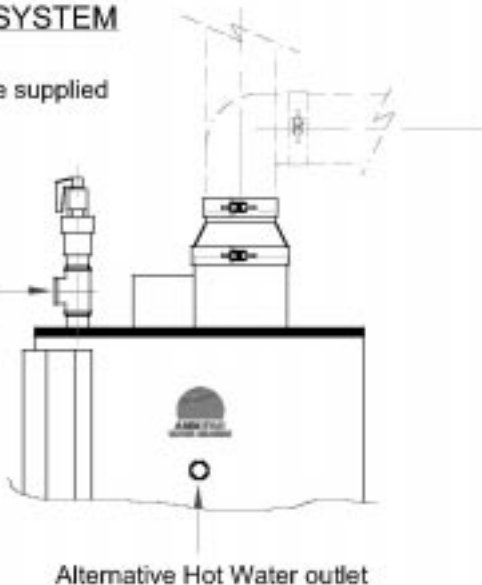




UNVENTED SYSTEM

Tee & T/P Valve supplied

Can be used for Hot Water outlet or can be capped

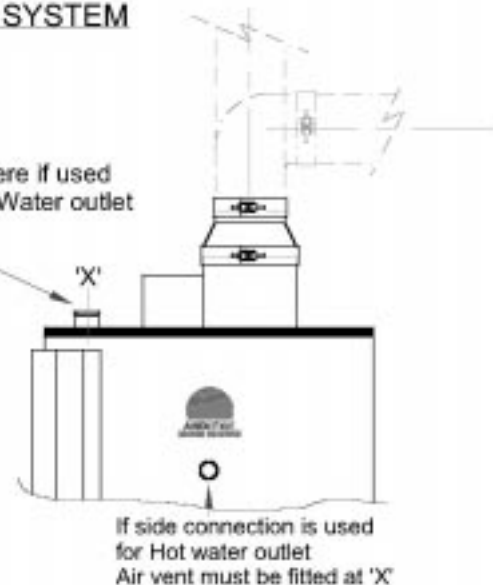


VENTED SYSTEM

Vent from here if used for Top Hot Water outlet

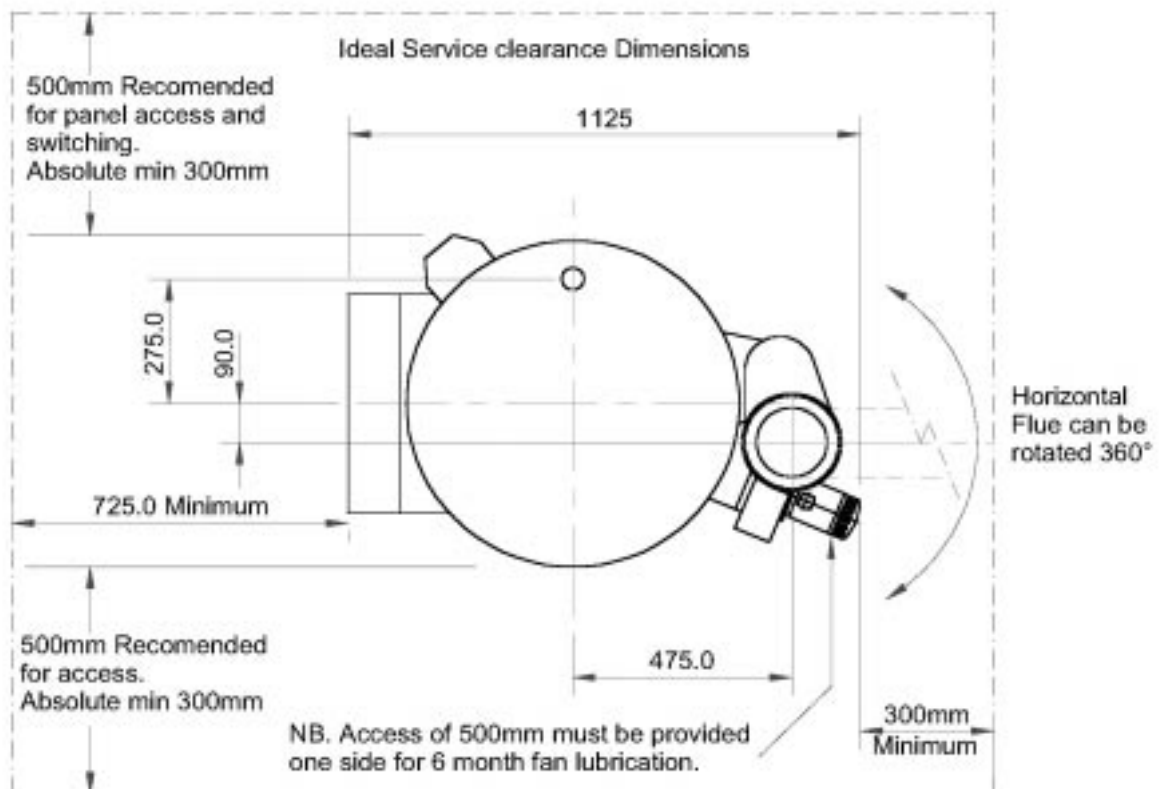
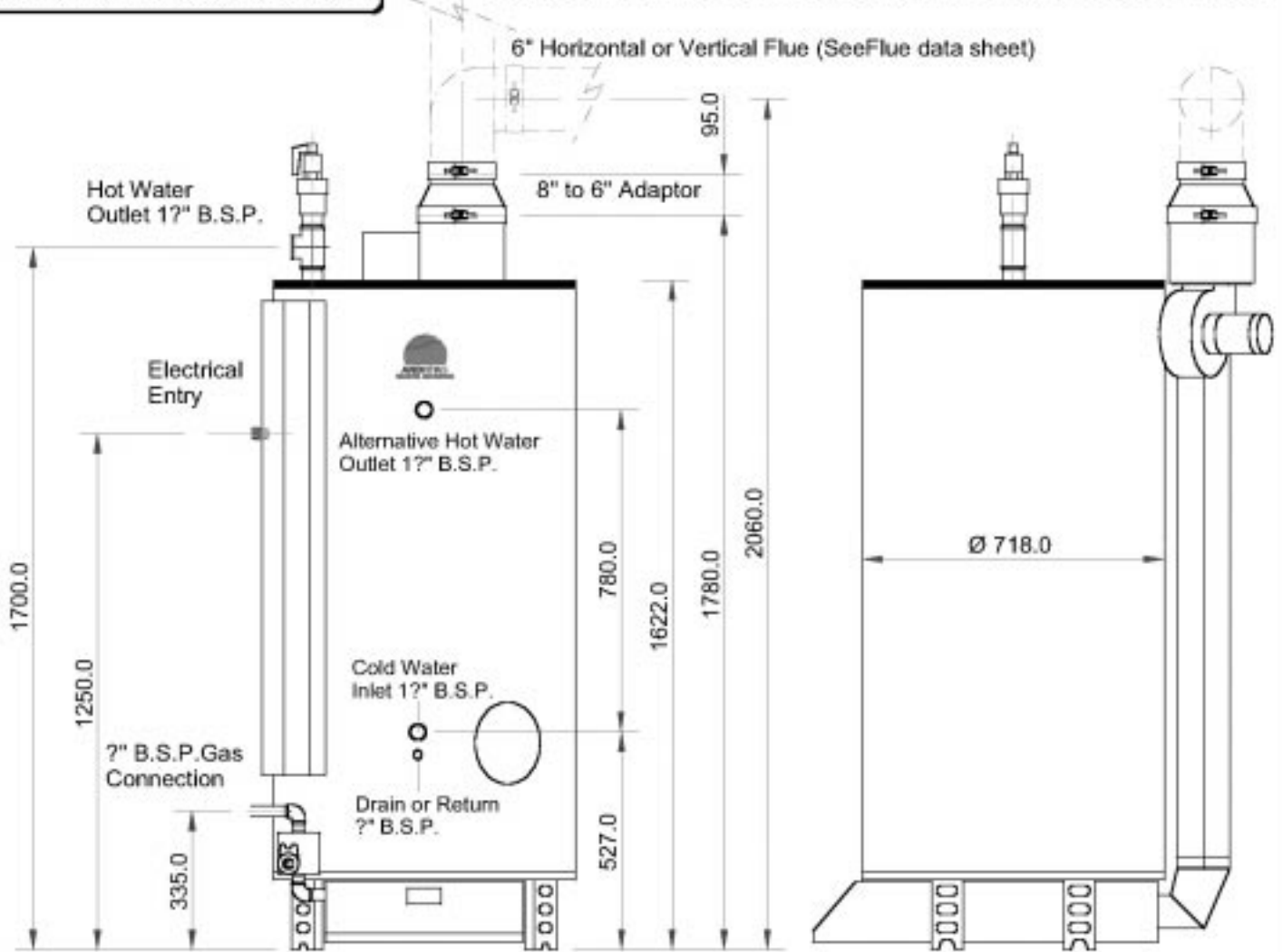
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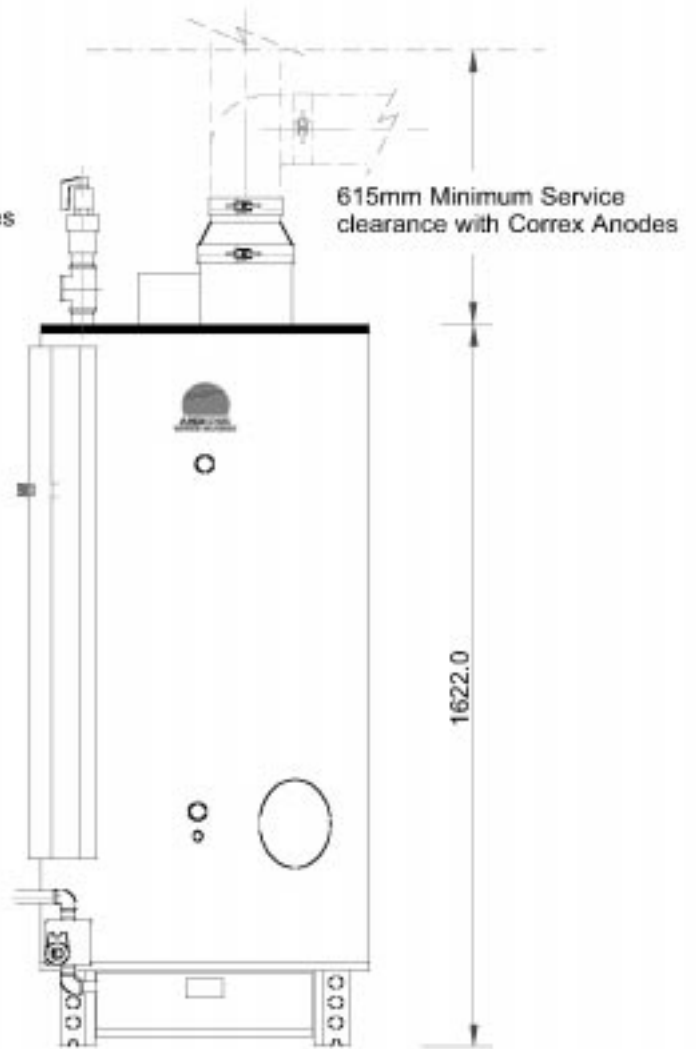
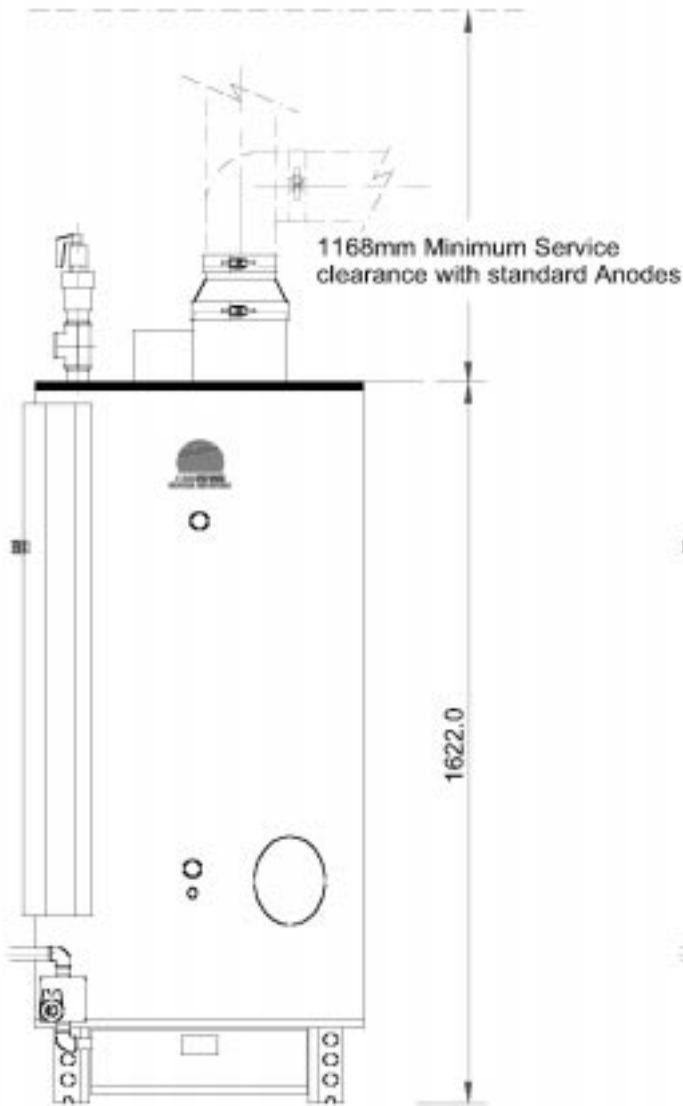
If side connection is used for Hot water outlet Air vent must be fitted at 'X'



Data sheet No. CSC 011/A

CSC 59 Heater Dimensions and Service clearance

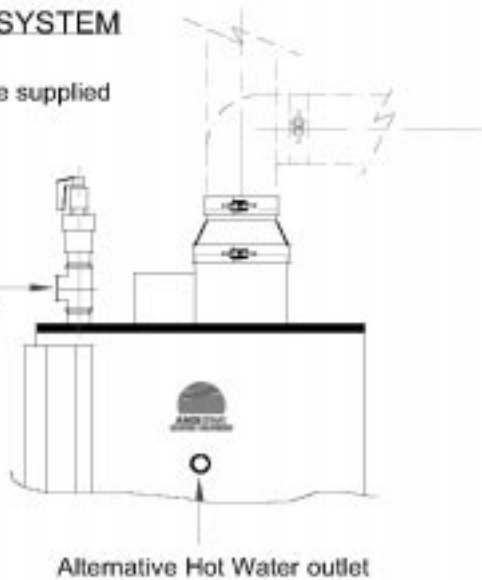




UNVENTED SYSTEM

Tee & T/P Valve supplied

Can be used for Hot Water outlet or can be capped

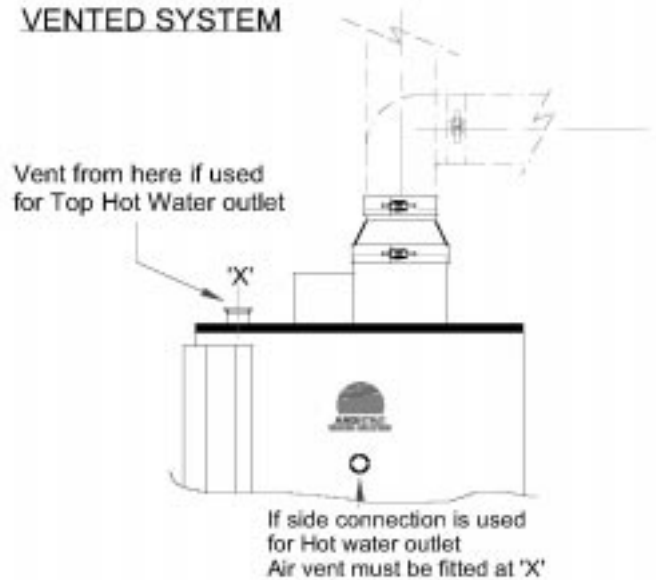


VENTED SYSTEM

Vent from here if used for Top Hot Water outlet

'X'

If side connection is used for Hot water outlet Air vent must be fitted at 'X'



Data sheet No. CSC 010 - 011/C

CSC 39 & 59 flue systems

The CSC fan-assisted sealed combustion flue system water heater uses a concentric flue system, 150mm outside diameter with an inner flue of 100mm diameter. Flue components fit together with silicon sealing rings and the flues are retained with sealing clamps. Each heater can be ordered with either a horizontal or vertical flue kit. Flue assembly instructions are also included.

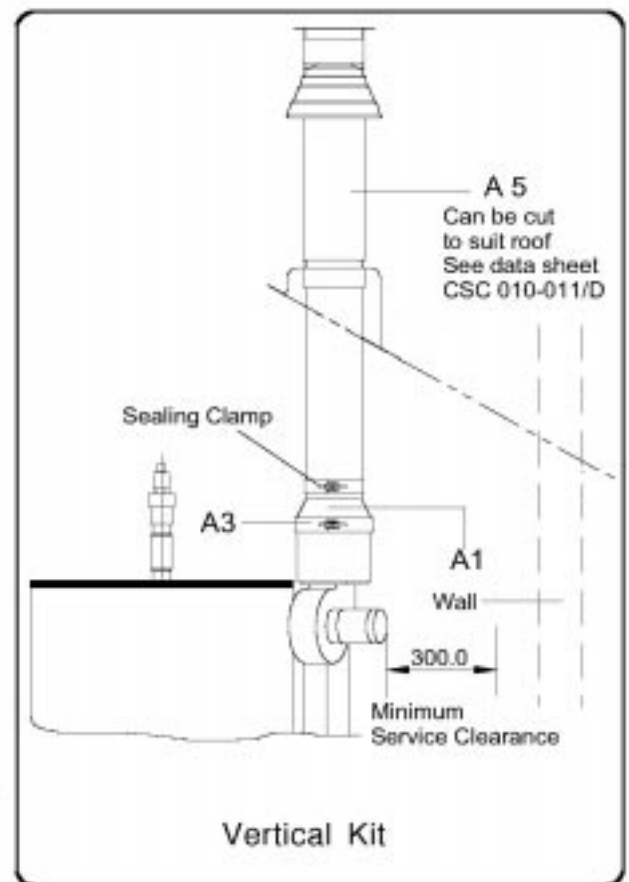
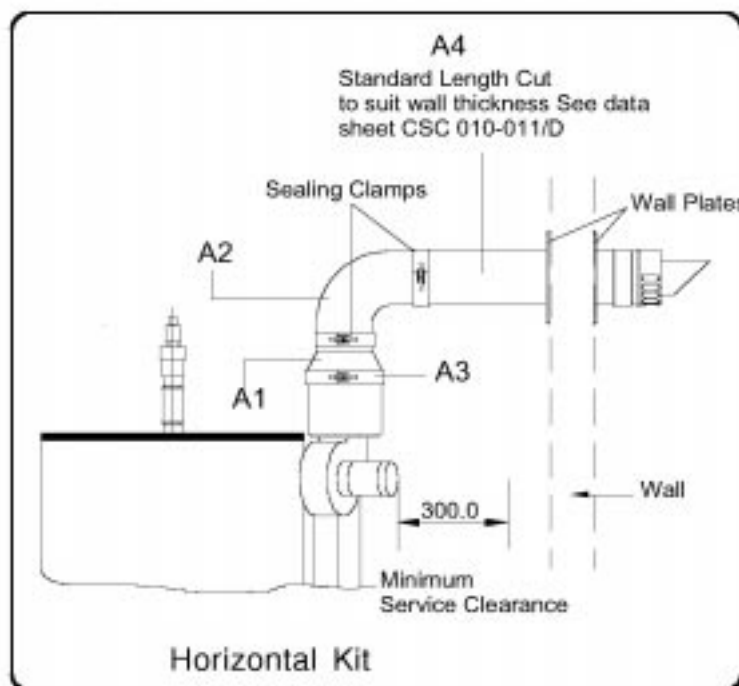
Horizontal flue kits include the following.

- A1 - Reducer (Part No. E238)
- A2 - 90° bend with sealing clamp (Part No. E205)
- A3 - Stepped clamp (Part No. E237)
- A4 - Wall outlet terminal with sealing clamp complete with inner and outer wall plates, fixing screws and plugs. (Part No. E236)

Additional flue components are available

Vertical kits include the following.

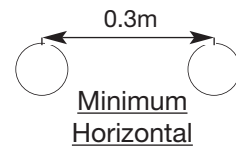
- A1 - Reducer (Part No. E238)
 - A3 - Stepped clamp (Part No. E237)
 - A5 - Roof outlet terminal with sealing clamp. (Part No. E239)
- Roof flashing plates and additional flue components are available.



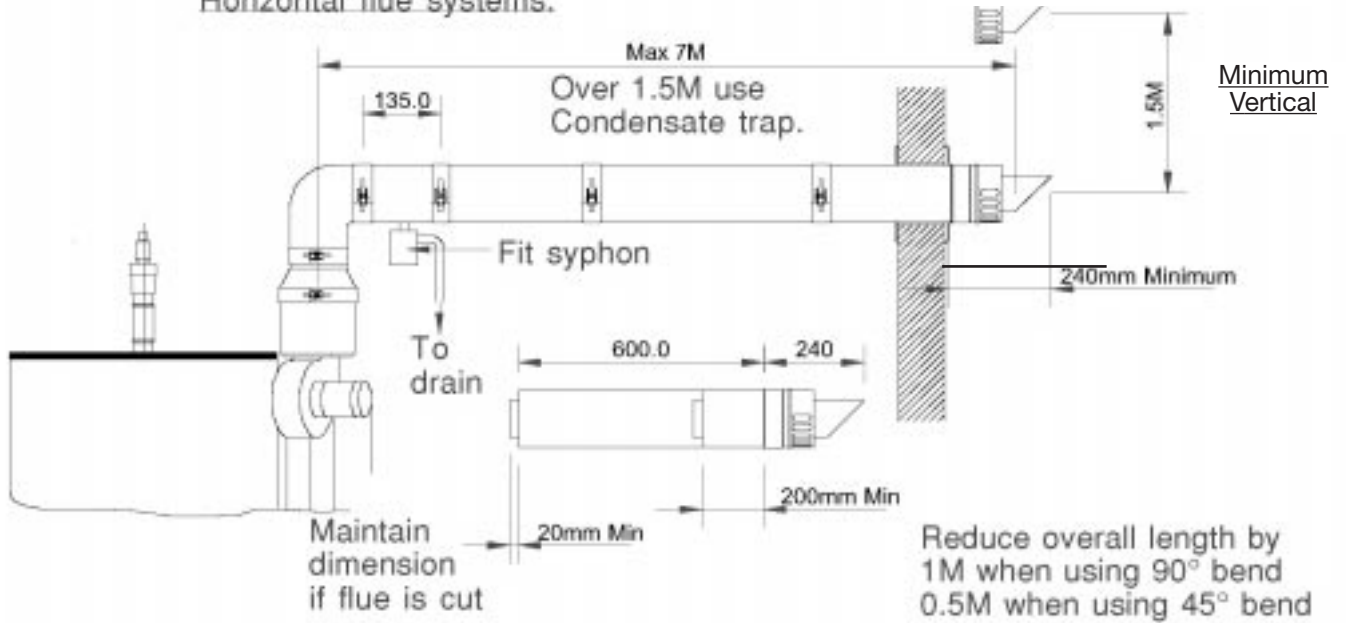
See data sheet CSC 010-011/D for alternative flue options.

Data sheet No. CSC 010-011/D

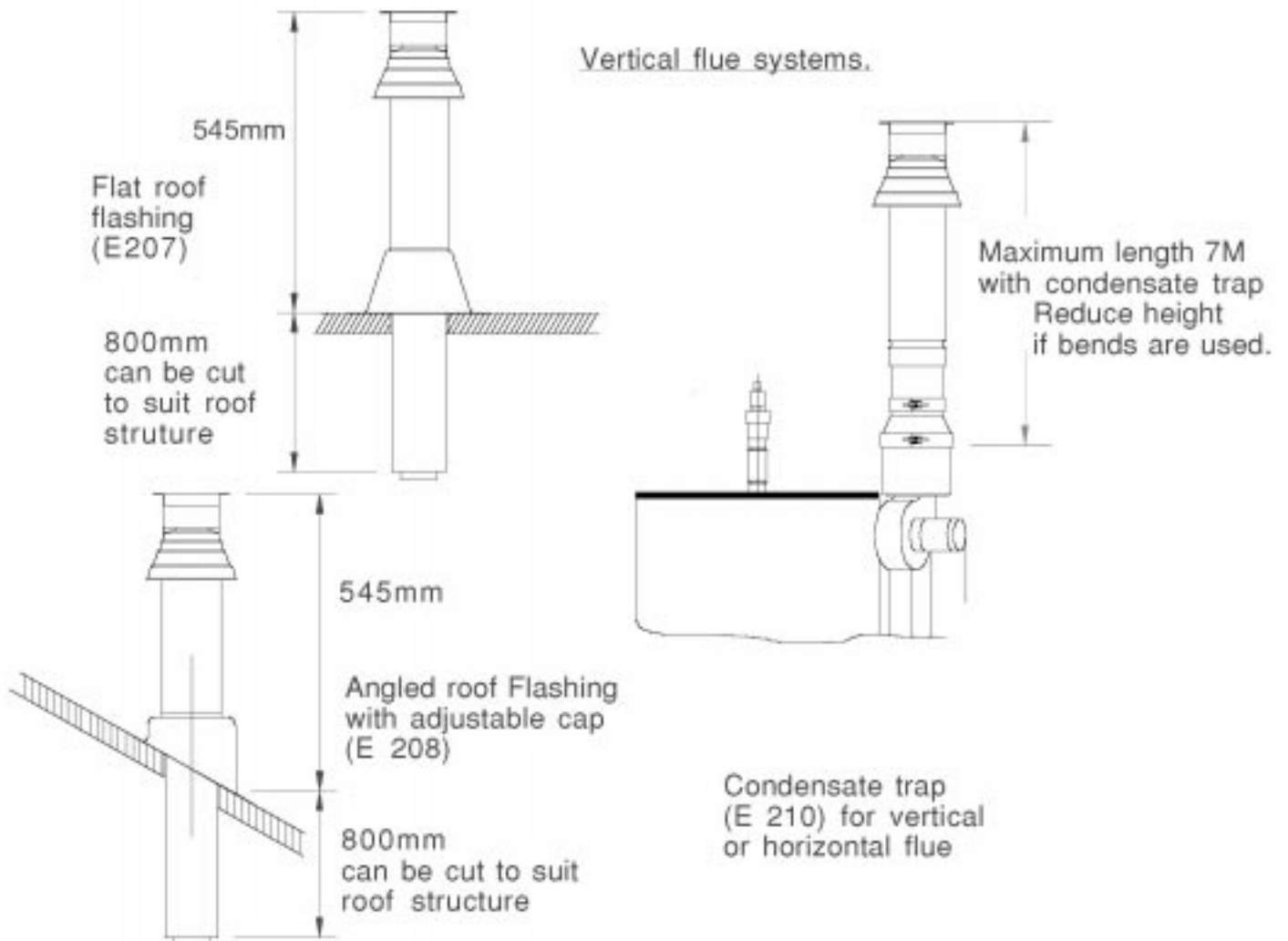
CSC 39 & 59 Alternative flue systems (6" Flue)

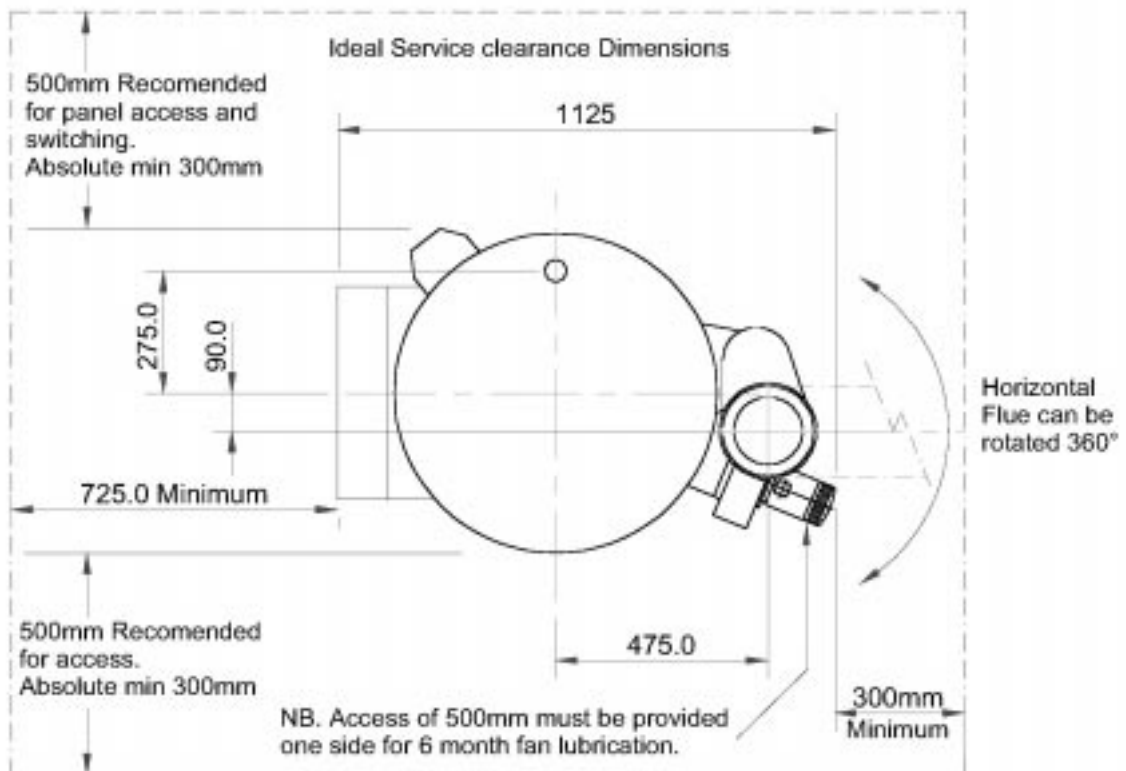
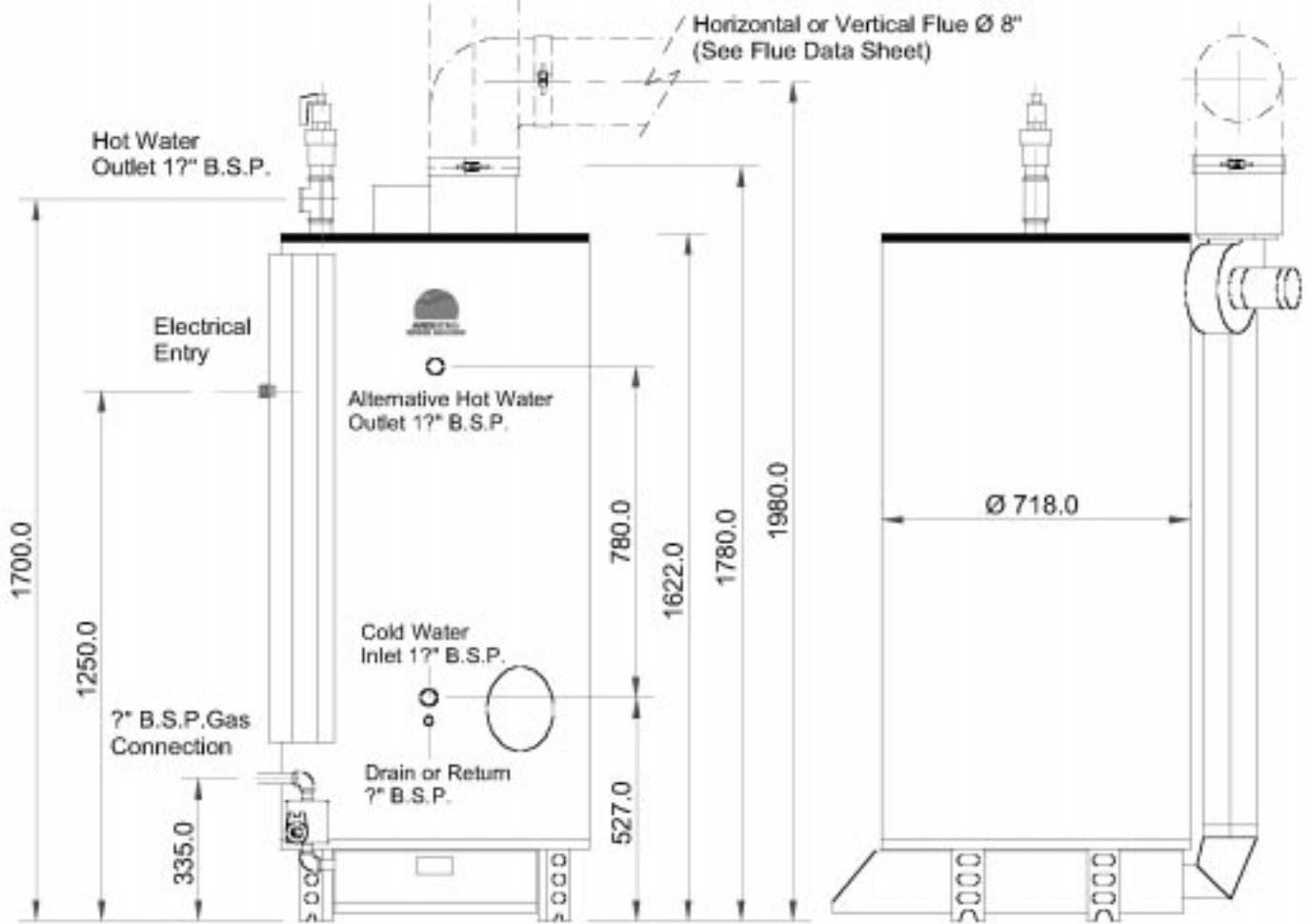


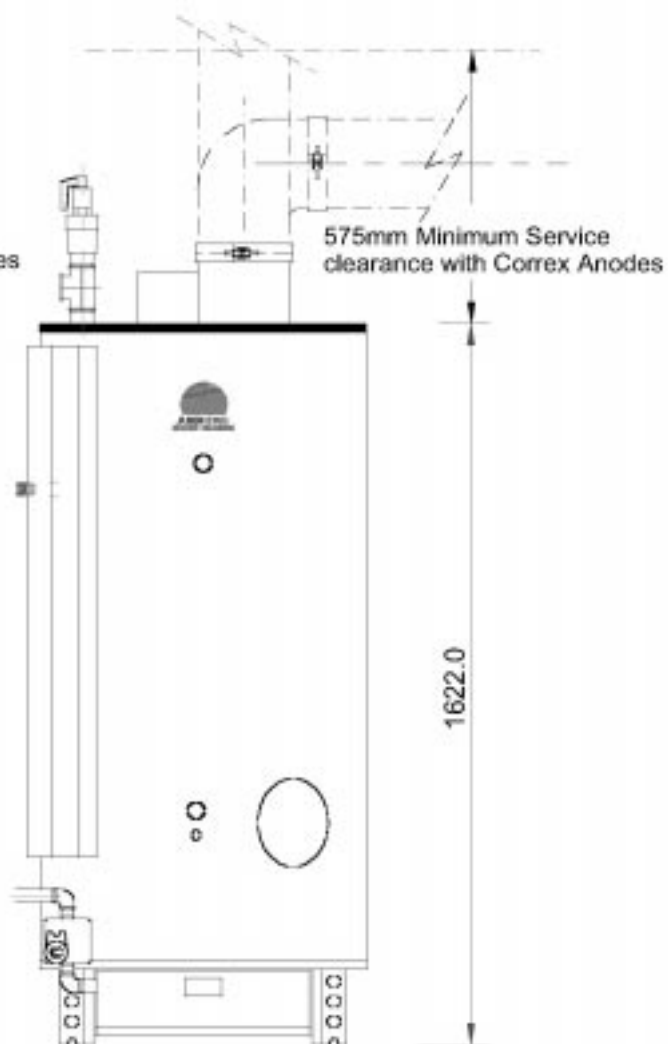
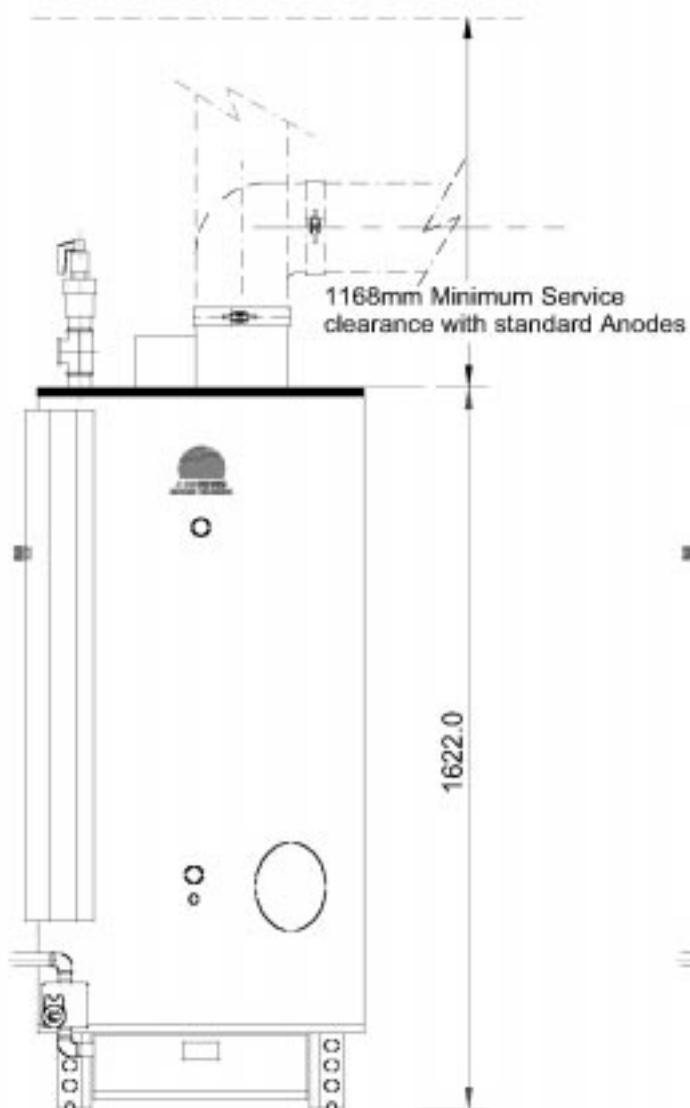
Horizontal flue systems.



Vertical flue systems.



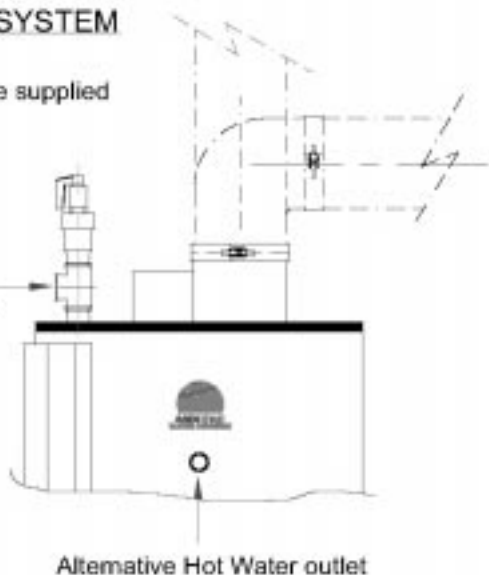




UNVENTED SYSTEM

Tee & T/P Valve supplied

Can be used for Hot Water outlet or can be capped

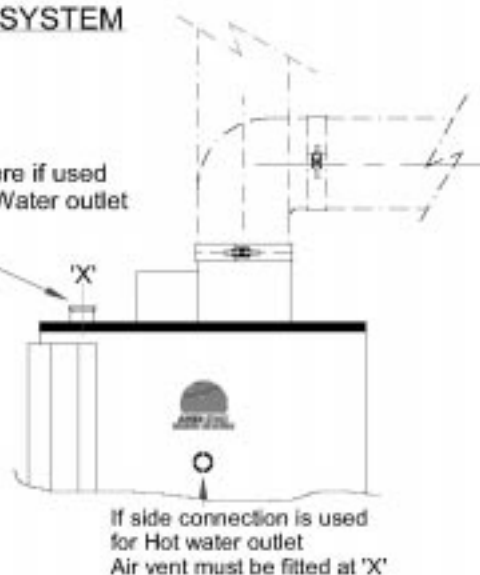


VENTED SYSTEM

Vent from here if used for Top Hot Water outlet

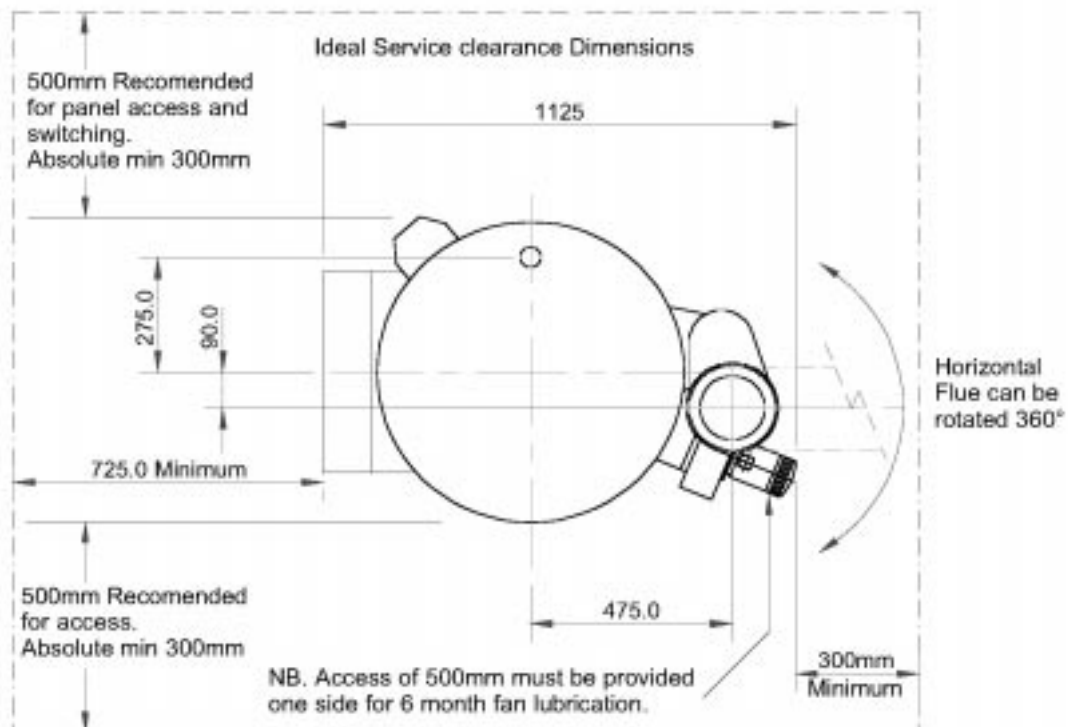
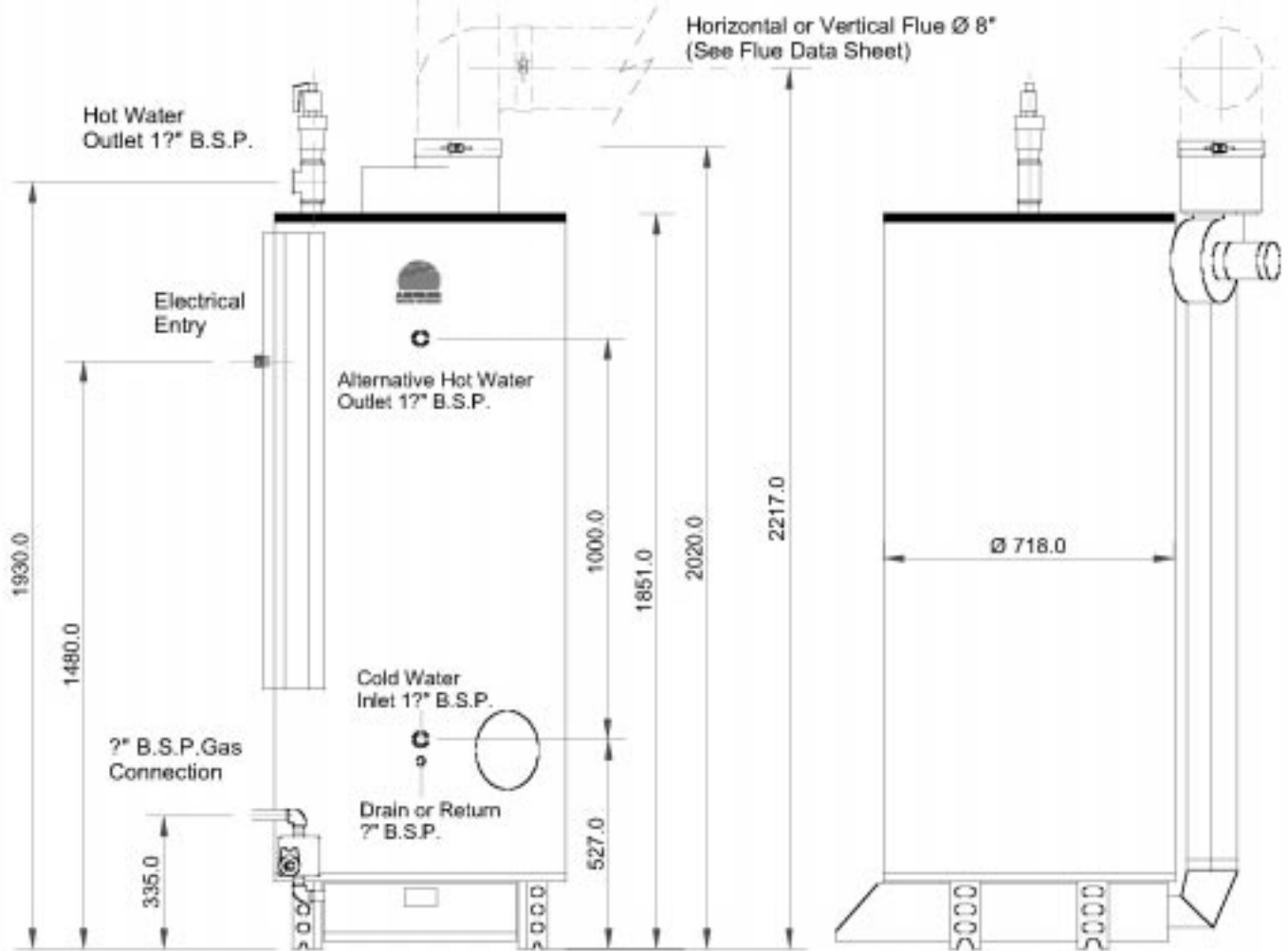
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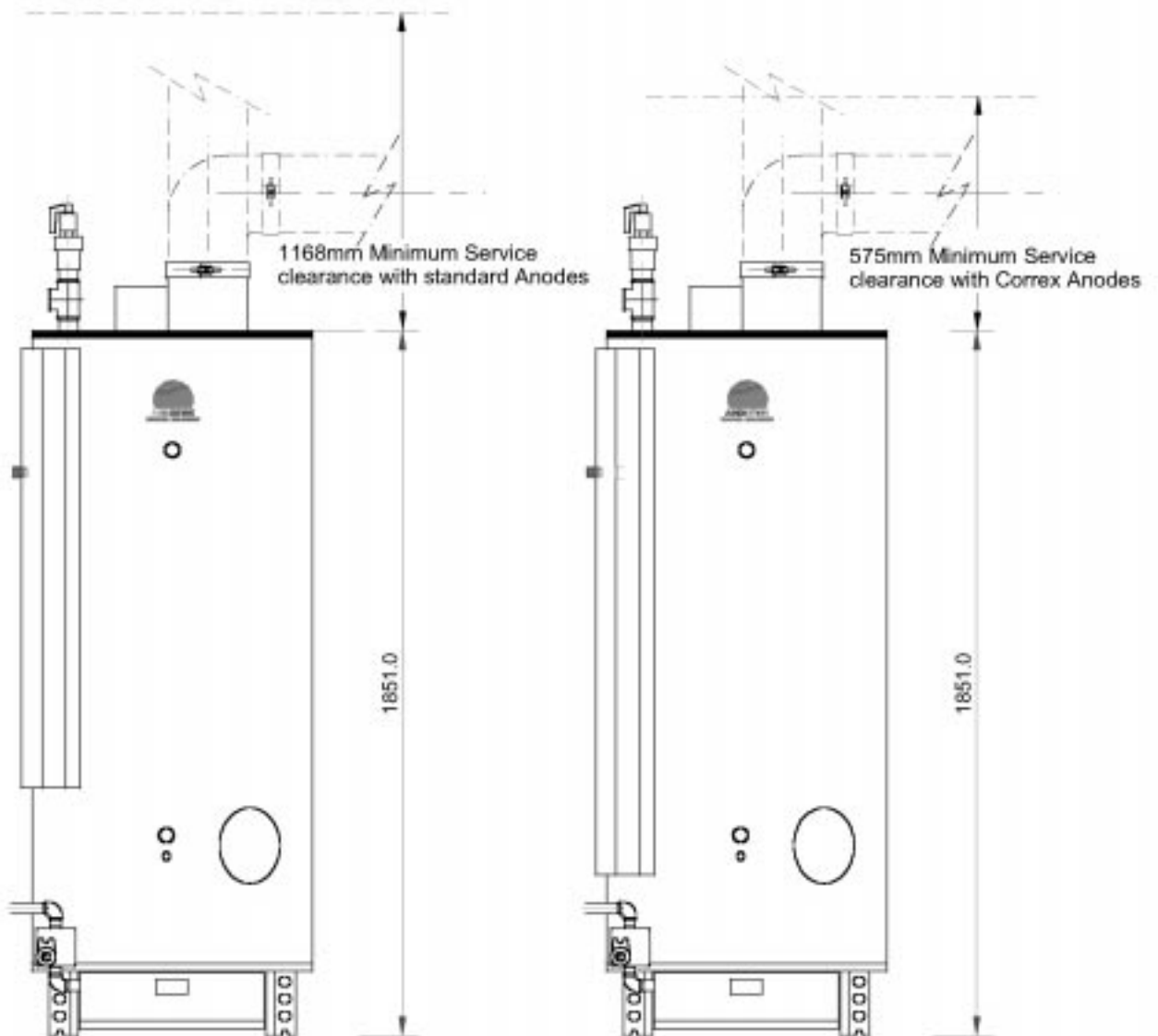
If side connection is used for Hot water outlet Air vent must be fitted at 'X'



Data sheet No. CSC 013/A

CSC 93 Heater Dimensions and Service clearance

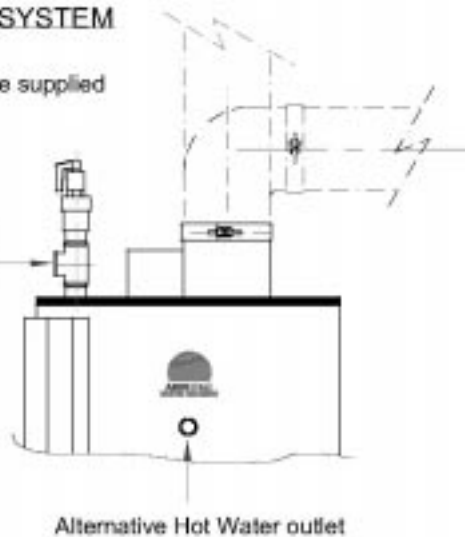




UNVENTED SYSTEM

Tee & T/P Valve supplied

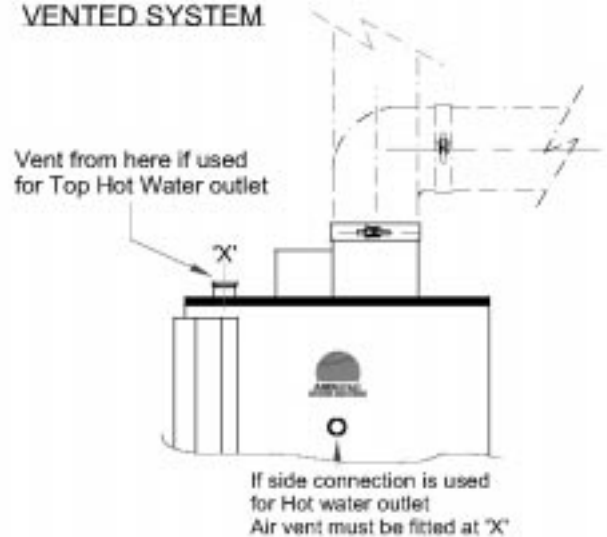
Can be used for Hot Water outlet or can be capped



VENTED SYSTEM

Vent from here if used for Top Hot Water outlet

If side connection is used for Hot water outlet Air vent must be fitted at 'X'



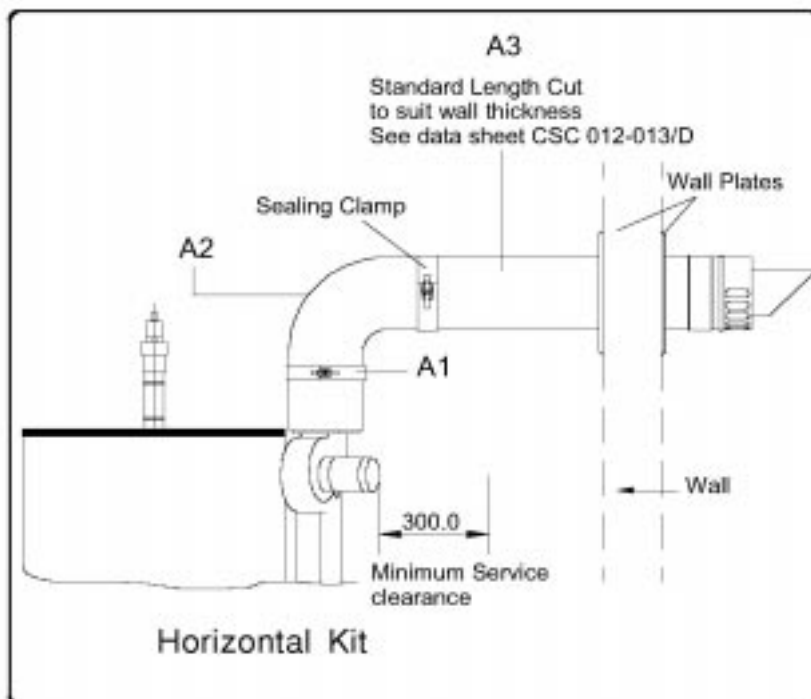
Data sheet No. CSC 012-13/C

CSC 78 & 93 flue systems

The CSC fan-assisted sealed combustion flue system water heater uses a concentric flue system, 200mm outside diameter with an inner flue of 130mm diameter. Flue components fit together with silicon sealing rings and the flues are retained with sealing clamps. Each heater can be ordered with either a horizontal or vertical flue kit. Flue assembly instructions are also included.

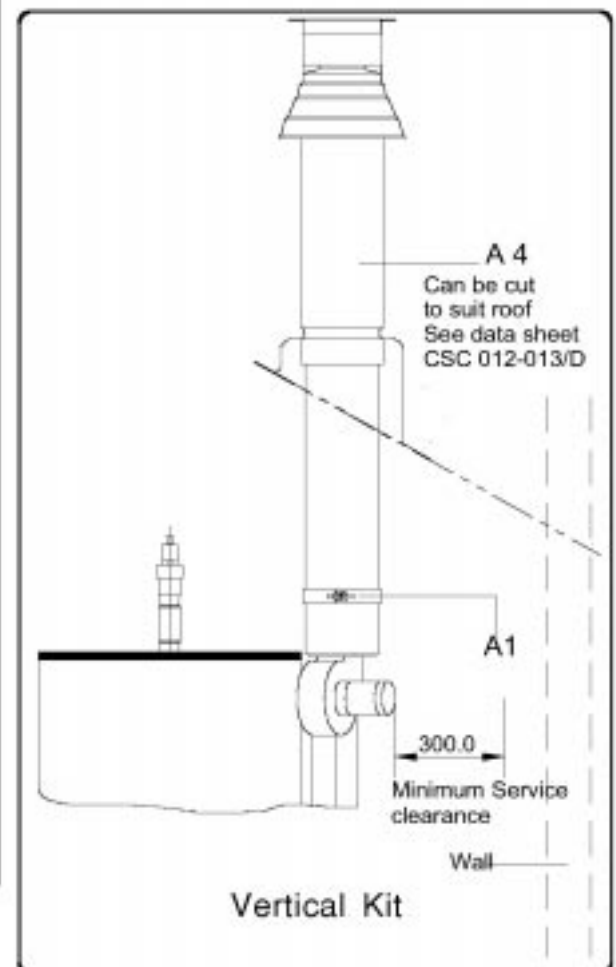
Horizontal flue kits include the following.

- A1 - Stepped clamp (Part No. E237)
 - A2 - 90° bend with sealing clamp (Part No. E215)
 - A3 - Wall outlet terminal with sealing clamp complete with inner and outer wall plates, fixing screws and plugs. (Part No. E240)
- Additional flue components are available



Vertical kits include the following.

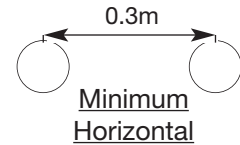
- A1 - Stepped clamp (Part No. E237)
 - A5 - Roof outlet terminal with sealing clamp. (Part No. E241)
- Roof flashing plates and additional flue components are available.



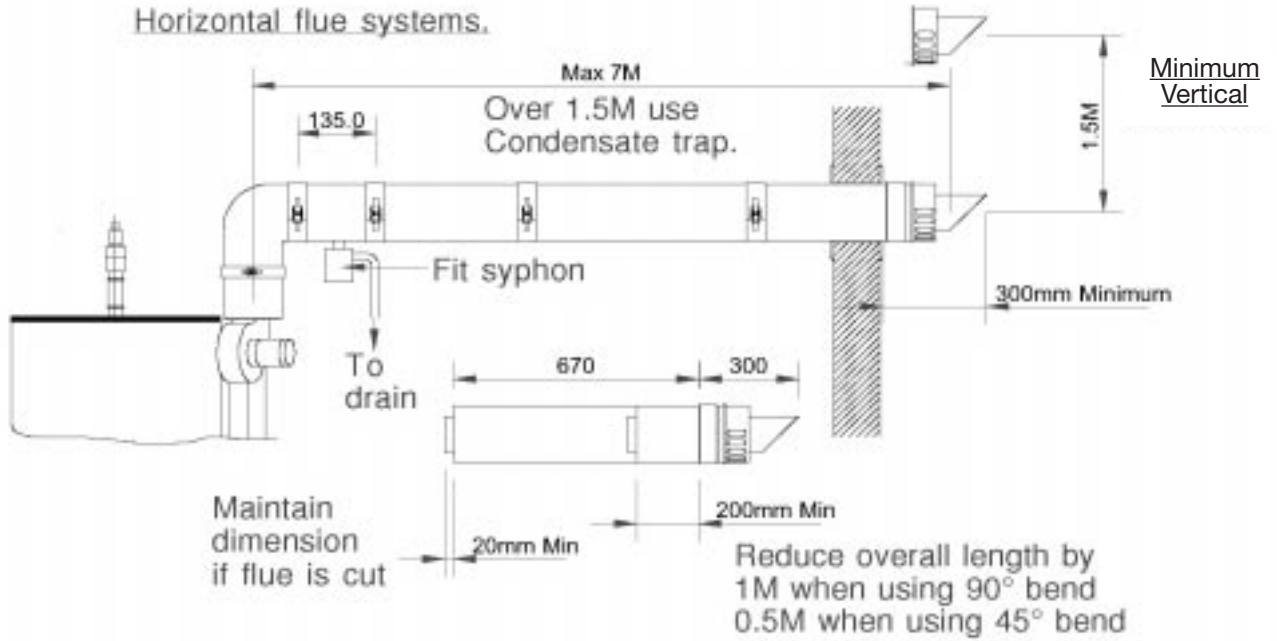
See data sheet CSC 012-013D for alternative flue options.

Data sheet No. CSC 012-013/D

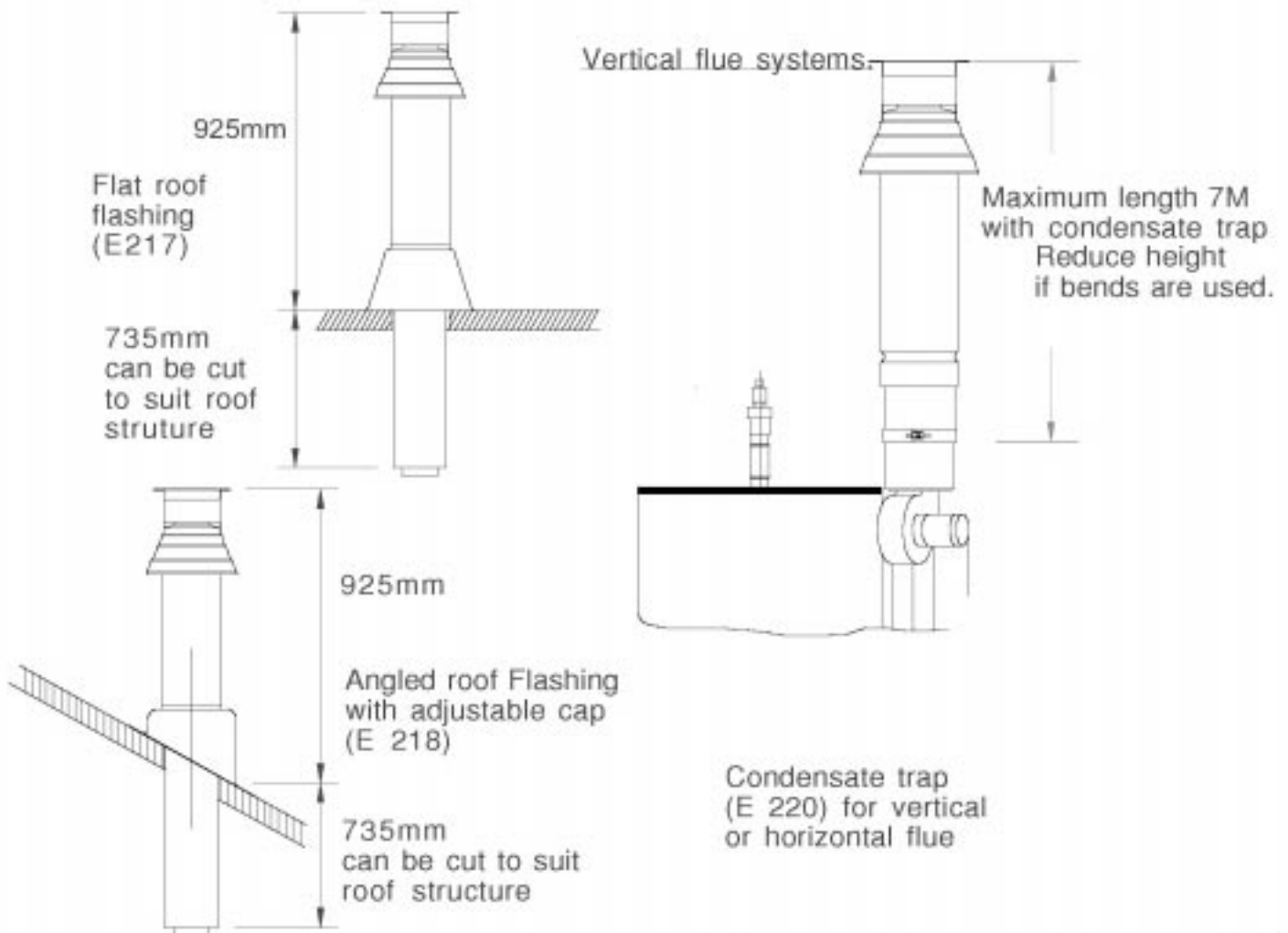
CSC 78 & 93 Alternative flue systems (8" Flue)



Horizontal flue systems.



Vertical flue systems.



Data Sheet CSC 014

Noise levels - all CSC models.

The dB (A weighted) sound pressure levels were measured using a calibrated Castle GA206 sound level meter with burner running

Measurement location	Sound level
Inside boiler house @ 4m from heater, no flue	65 dBA
Inside boiler house @ 1m from heater, no flue	70 dBA
Wall outlet fitted @2m from outlet	62 dBA
Wall outlet fitted @ 7m from outlet	60 dBA
Comparison Exhausto fan @ 2m from outlet	55 dBA

NOTES

NOTES

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