

Joins between double layers of Skamotec sheets should be staggered and/or have blocking of at least 150mm sealed with Skamolex high temp adhesive

Wherever the cavity is placed against a combustible and/or a heat sensitive wall or material 2x 40mm sheets of Skamotec must be used as a heat barrier

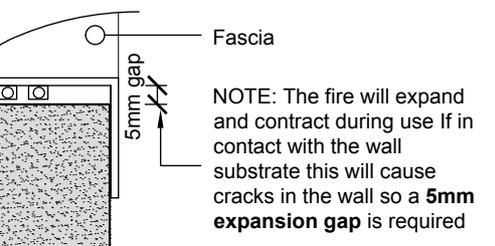
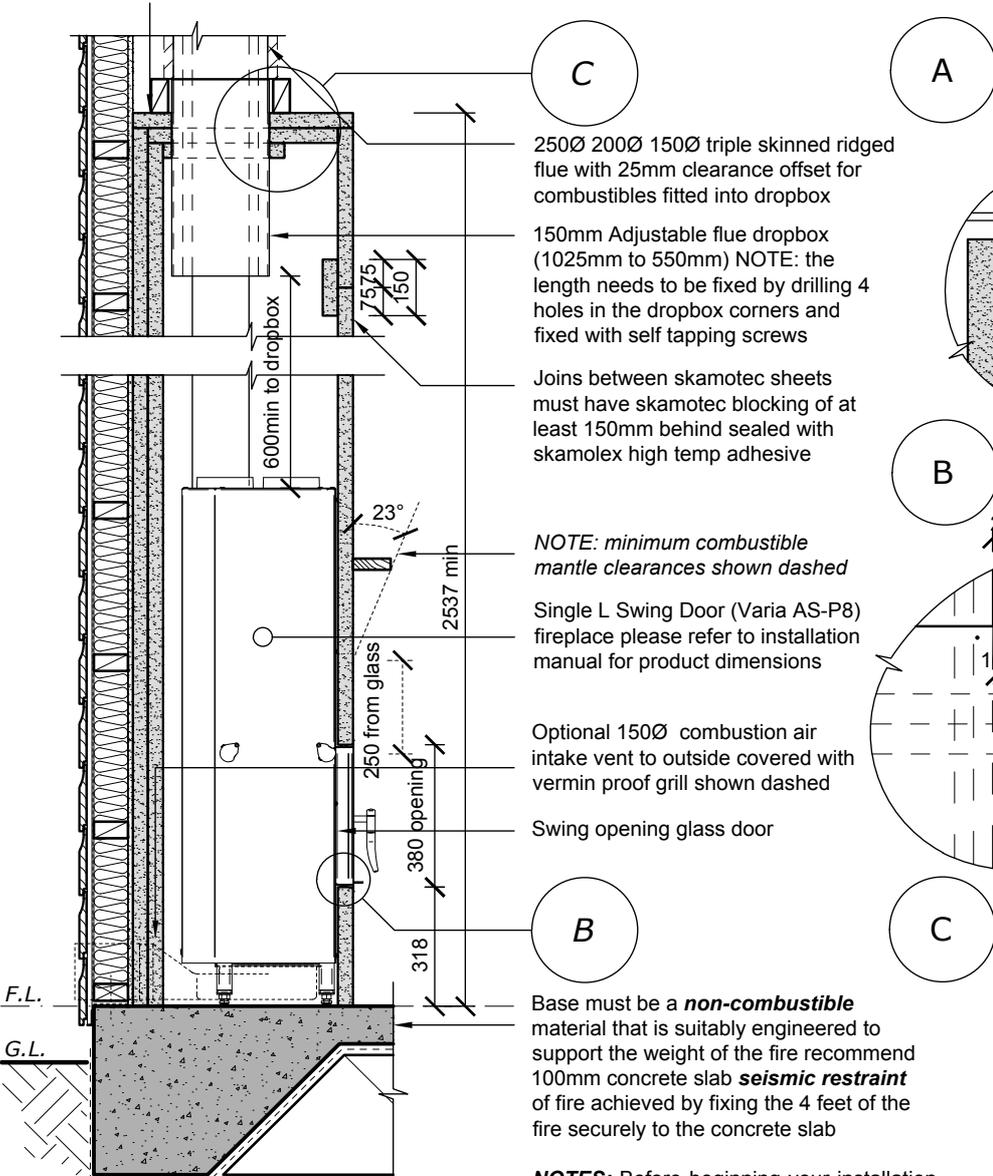
Single L SD (Varia AS-P8) fireplace please refer to installation manual for product dimensions

A hearth conforming to the size requirements listed in section 3.5 of the spartherm NZ installation manual **must** be installed unless the floor is made entirely from a non-combustible material. The hearth must be constructed from 40mm Skamotec board and finished with a suitable non-combustible material e.g. stone/ceramic tile/brick etc.

NOTE: there is a **2 meter exclusion zone** from the appliances glass panel for heat sensitive materials soft furnishings etc. please refer to the spartherm NZ installation manual section 3.5 safety clearances

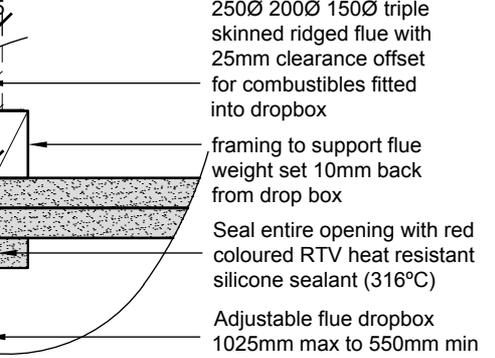
PLAN WITH CLEARANCES

Scale: 1:20



EXPANSION GAP DETAIL

Scale: 1:2



DROP BOX DETAIL

Scale: 1:10

The installation and construction of the fire/fireplace enclosure and the finishing and commissioning of the installation is a highly specialist task. Only **ESCEA trained** and **approved tradesmen** should be used. Failure to follow these requirements will void all warranty terms. **IMPORTANT:** This technical sheet should be used in conjunction with Spartherm NZ installation manual failure to do so may result in improper specification and/or design leading to an inadequate/poor installation.

SECTION D

Scale: 1:20

Base must be a **non-combustible** material that is suitably engineered to support the weight of the fire recommend 100mm concrete slab **seismic restraint** of fire achieved by fixing the 4 feet of the fire securely to the concrete slab

NOTES: Before beginning your installation, consult with your local building code agency or fire officials and insurance representative to ensure compliance.



DRAWING TITLE		WEBSITE: www.spartherm.co.nz	
SINGLE L SWING DOOR - VARIA AS-P8 CAVITY INFORMATION			
SCALE AT A4:	REV DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	13/04/2016	BC	RM
ECN NO:	DRAWING NO:	DRAWING SET:	REVISION NO:
ECN2187	EDA005S	03S	001

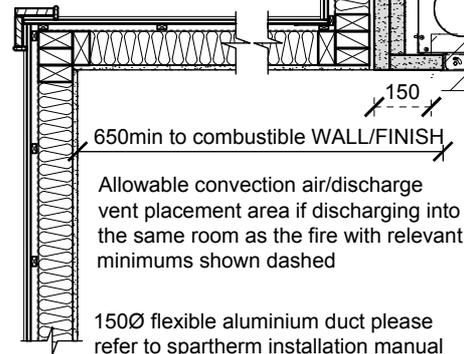
Varia AS-P8 Weight: 225kg approx.

ALL DIMENSIONS SHOWN MILLIMETERS (mm) UNLESS OTHERWISE STATED

GENERAL CONSTRUCTION AND FINISHES SHOWN INDICATIVE ONLY

Guidelines only. Installation must be undertaken by an approved installer. Refer to the installation manual for further detail.

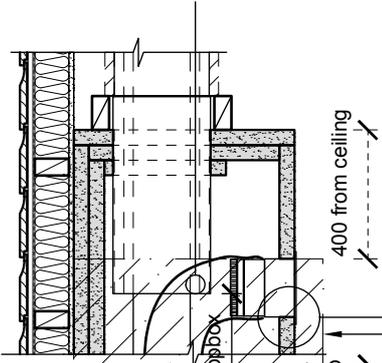
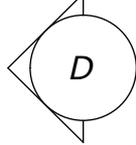
Optional 150Ø combustion air intake vent to outside covered with vermin proof grill shown dashed ensure pipe is as short and unrestricted as possible use 45° bends in lieu of 90° bends and restrict the total number of bends to 2



650min to combustible WALL/FINISH

Allowable convection air/discharge vent placement area if discharging into the same room as the fire with relevant minimums shown dashed

150Ø flexible aluminium duct please refer to spartherm installation manual section 3.4 ducting installation for further information



400 from ceiling

600min to dropbox

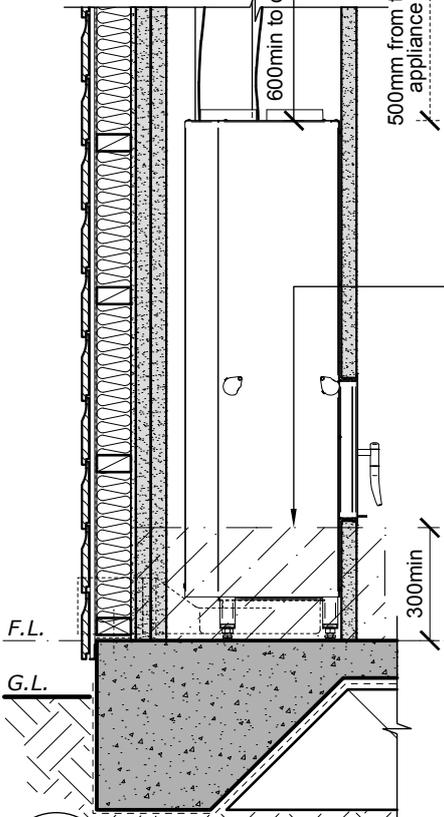
Allowable convection air/discharge vent placement area if discharging into the same room as the fire with relevant minimums shown dashed

NOTE: the hot air can be completely or partially distributed to other areas of the same room or alternative rooms via flexible aluminium ducting or vents within the cavity walls. The total convection air venting open surface area must be at least 88000mm² distributed between the aluminium ducted vents and cavity vents

Allowable intake vent placement area if taking combustion air from the immediate room as the fire

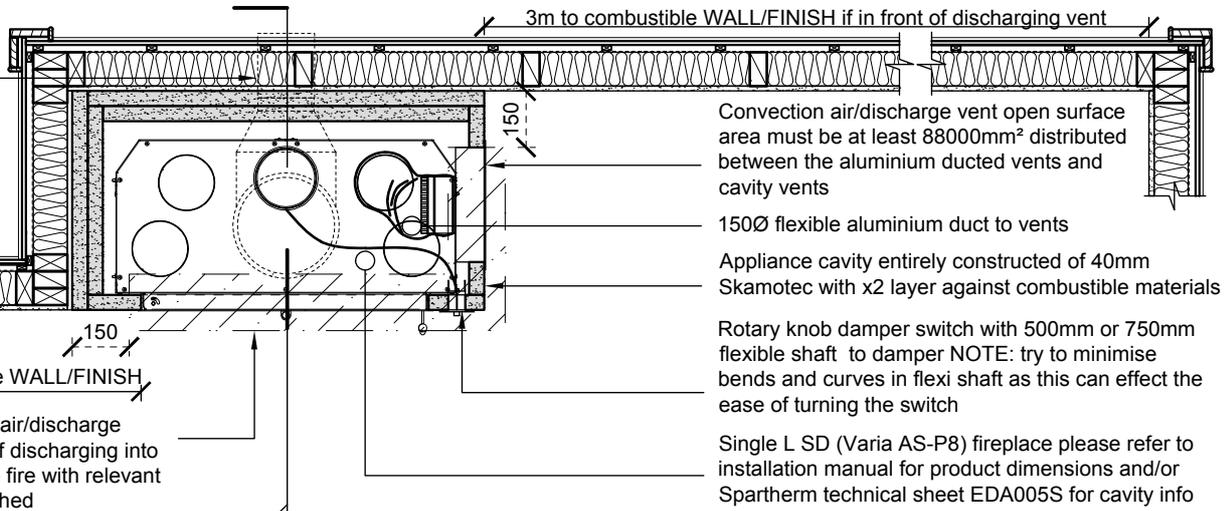
NOTE: if taking intake/combustion air from same room as the fire ensure that the room has sufficient ventilation that complies with AS/NZS 2918:2001 clause 7.1 in addition the intake vent of the cavity must be at least 44700 mm² (17700mm² area of 150Ø Pipe plus 27000mm² convection air) and must be installed at 300mm max above F.L. two vents (one each side) is preferential over one

If taking combustion air/intake from outside of the building (Direct vent) through 150Ø pipe and into the appliance via the optional appliance adaptor ensure that the run of the Ø150mm pipe is as short and unrestricted as possible use 45° bends in lieu of 90° bends and restrict the total number of bends to 2. In addition the cavity must have a 27000mm² convection air vent that must be installed at 300mm max above F.L. two vents (one each side) is preferential over one



SECTION D
Scale: 1:20

D



3m to combustible WALL/FINISH if in front of discharging vent

Convection air/discharge vent open surface area must be at least 88000mm² distributed between the aluminium ducted vents and cavity vents

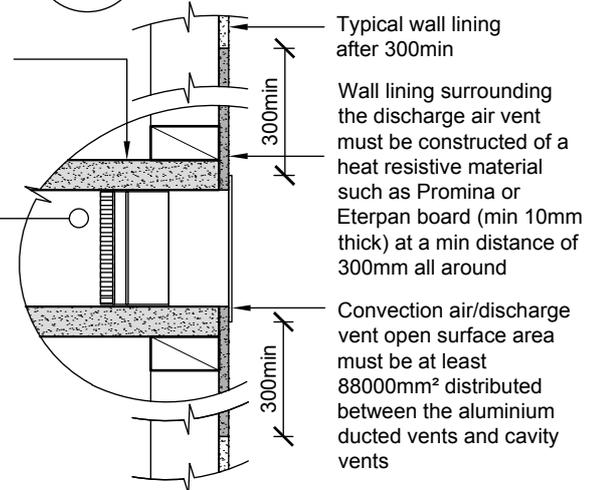
150Ø flexible aluminium duct to vents

Appliance cavity entirely constructed of 40mm Skamotec with x2 layer against combustible materials

Rotary knob damper switch with 500mm or 750mm flexible shaft to damper NOTE: try to minimise bends and curves in flexi shaft as this can effect the ease of turning the switch

Single L SD (Varia AS-P8) fireplace please refer to installation manual for product dimensions and/or Spartherm technical sheet EDA005S for cavity info

A PLAN
Scale: 1:20

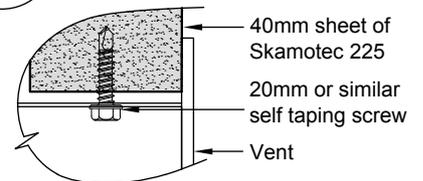


Typical wall lining after 300min

Wall lining surrounding the discharge air vent must be constructed of a heat resistive material such as Promina or Eterpan board (min 10mm thick) at a min distance of 300mm all around

Convection air/discharge vent open surface area must be at least 88000mm² distributed between the aluminium ducted vents and cavity vents

B OTHER ROOM VENT
Scale: 1:10



C VENT FIXING DETAIL
Scale: 1:2

NOTES: the installation and construction of the fire/fireplace enclosure and the finishing and commissioning of the installation is a highly specialist task. only **ESCEA trained** and **approved tradesmen** should be used. failure to follow these requirements will void all warranty terms.

Before beginning your installation, consult with your local building code agency or fire officials and insurance representative to ensure compliance.

IMPORTANT: This technical sheet should be used in conjunction with Spartherm NZ installation manual failure to do so may result in improper specification and/or design leading to an inadequate/poor installation.



DRAWING TITLE:		WEBSITE: www.spartherm.co.nz	
SINGLE L SWING DOOR - VARIA AS-P8 VENT INFORMATION			
SCALE AT A4:	REV DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	13/04/2016	BC	RM
ECN NO:	DRAWING NO:	DRAWING SET:	REVISION NO:
ECN2187	EDA006S	03S	001

Varia AS-P8 Weight: 225kg approx.

ALL DIMENSIONS SHOWN MILLIMETERS (mm) UNLESS OTHERWISE STATED

GENERAL CONSTRUCTION AND FINISHES SHOWN INDICATIVE ONLY

Guidelines only. Installation must be undertaken by an approved installer. Refer to the installation manual for further detail.