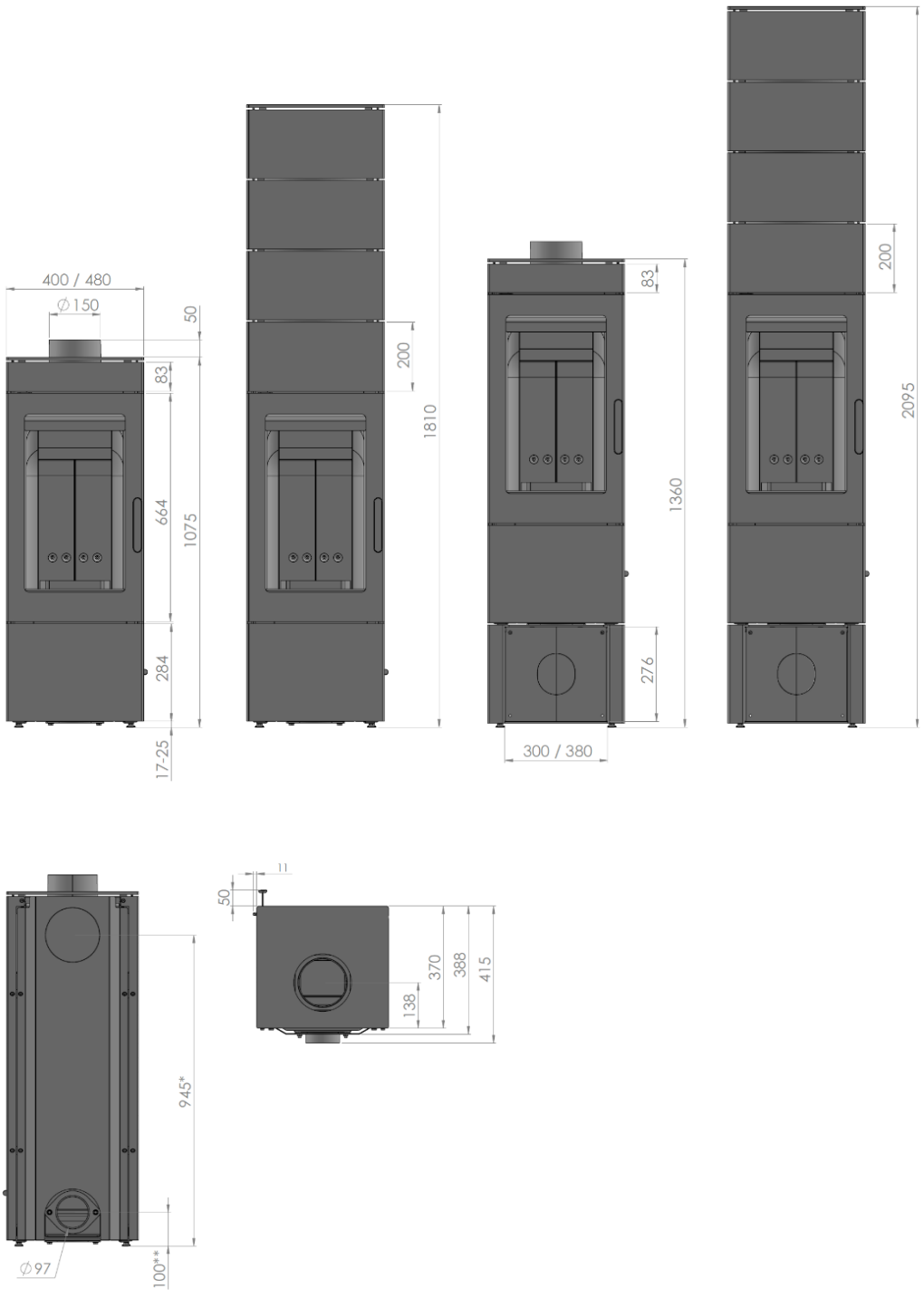
Technical data sheet

Technical parameters of the appliance in accordance with BS EN 16510-1

Property / parameter	Unit	BE04	BE07
Nominal heat output	kW	4.2	7
Power adjustment range	kW	3–7	5–11
Efficiency	%	81.9	80.5
Energy efficiency class	–	A+	A
Fuel consumption at rated output	kg/h	1.5	2.0
Fuel type	–	Wood logs	Wood logs
Max. log length	cm	25	33
Weight of basic model	kg	155	168
Inlet air pipe diameter	mm	100	100
Flue pipe diameter	mm	150	150
Required chimney draught	Pa	11	11
Flue gas temperature	°C	270	265
Mass flow rate of dry flue gas	g/s	3.2	5.9
Condensing operation	–	No	No
CO (13% O_2)	mg/Nm³	604	953
OGC (13% O_2)	mg/Nm³	32	60
PM particulate matter (13 % O_2)	mg/Nm³	18	30
NOx (13 % O_2)	mg/Nm³	90	88
CO_2	%	11.69	10.42
Appliance classification according to BS EN 16510-1	–	BE	BE
Commission Regulation (EU) 2015/1185 (Ecodesign)	–	Yes	Yes

The appliance has been manufactured and tested in accordance with the applicable documentation and complies with BS EN 16510-1 (Solid fuel domestic appliances – Part 1: General requirements and test methods).

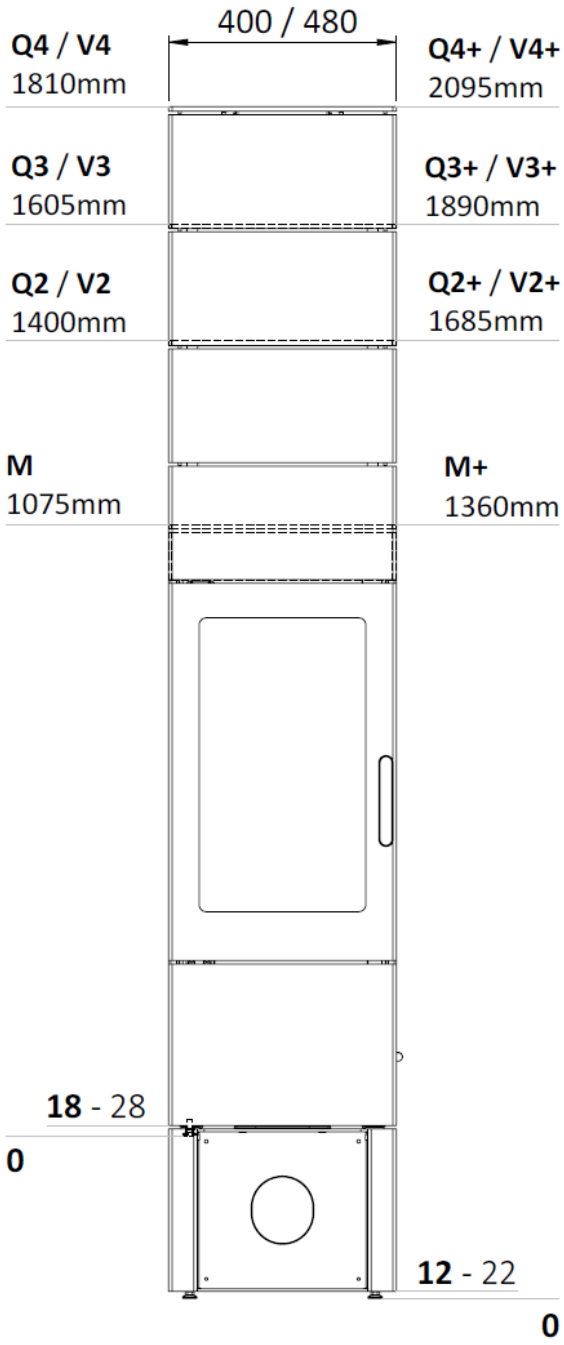
Dimensions of the stove



- overall width of the stove: BE04 - 400 mm
  BE07 - 480 mm

- with a fuel pedestal: * - 1230 mm
  ** - 385 mm

Heights and weights



The total heights given may vary slightly depending on the adjustment of the adjustable feet.

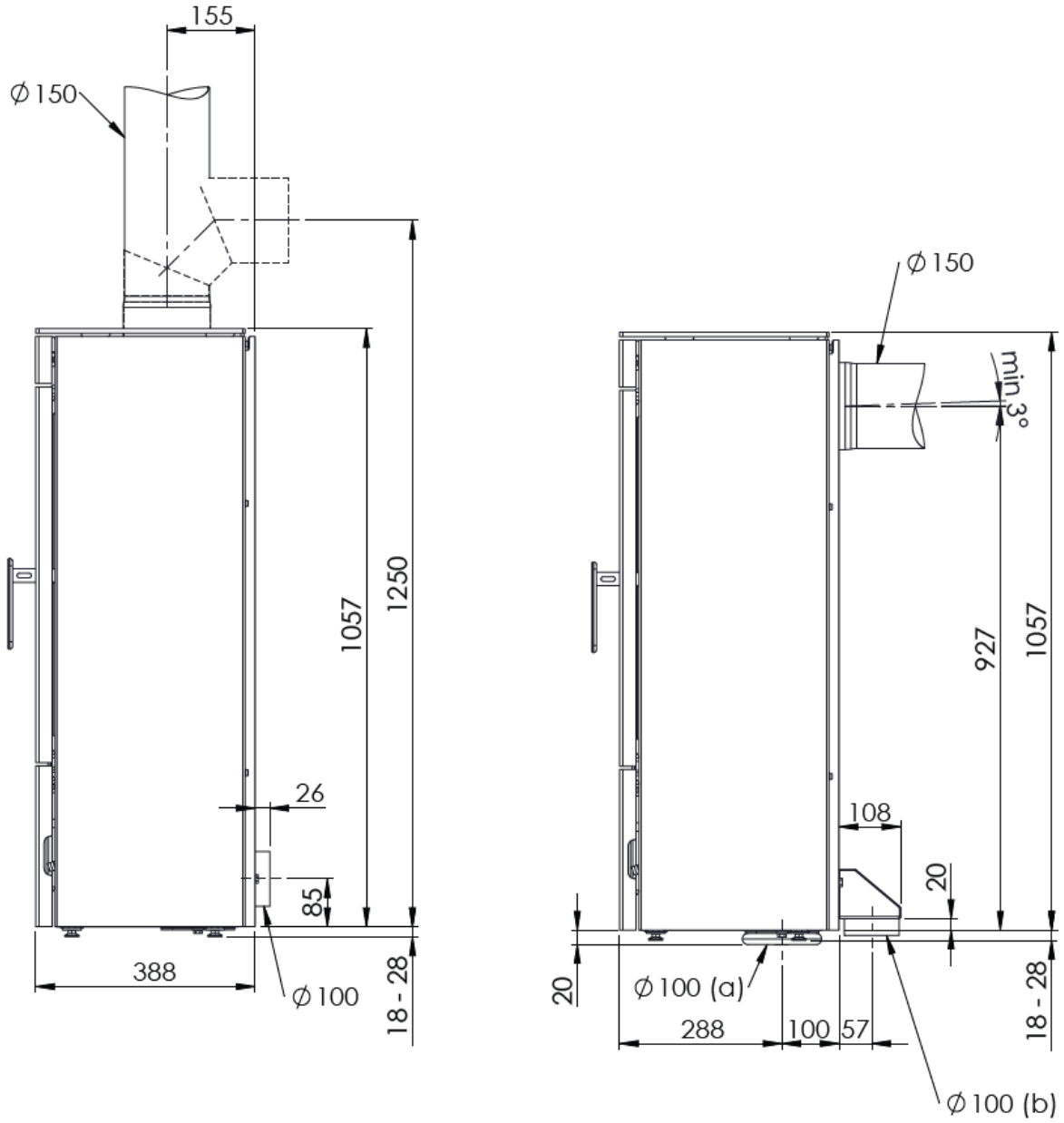
Weights of all variants (kg)

	M	Q2	Q3	Q4	V2	V3	V4	M+	Q2+	Q3+	Q4+	V2+	V3+	V4+
BE04	155	217	257	297	167	175	183	176	239	279	319	188	195	202
BE07	168	244	285	326	193	202	211	208	261	302	343	211	220	229

Connection – standard version

The standard version of the stove allows for a top or rear connection of a Ø150 mm flue pipe, depending on the specific top plate variant. If necessary, the connection direction can be changed retrospectively by replacing the relevant plate.

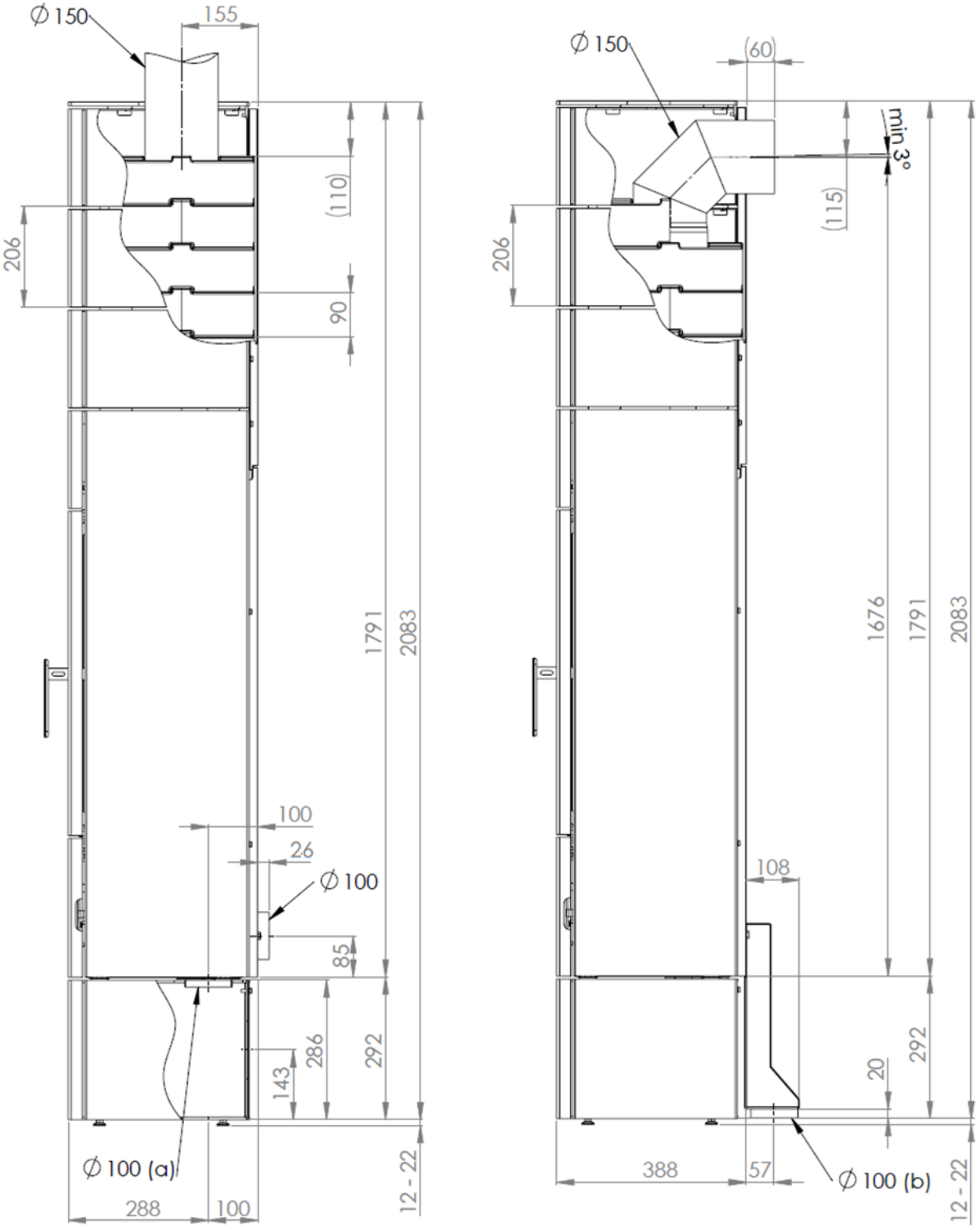
The Ø100 mm external air inlet is factory-set to face rearwards. Depending on the installation method, this can be adjusted to a bottom connection by replacing the spigot with a plug or by using an external air adapter.



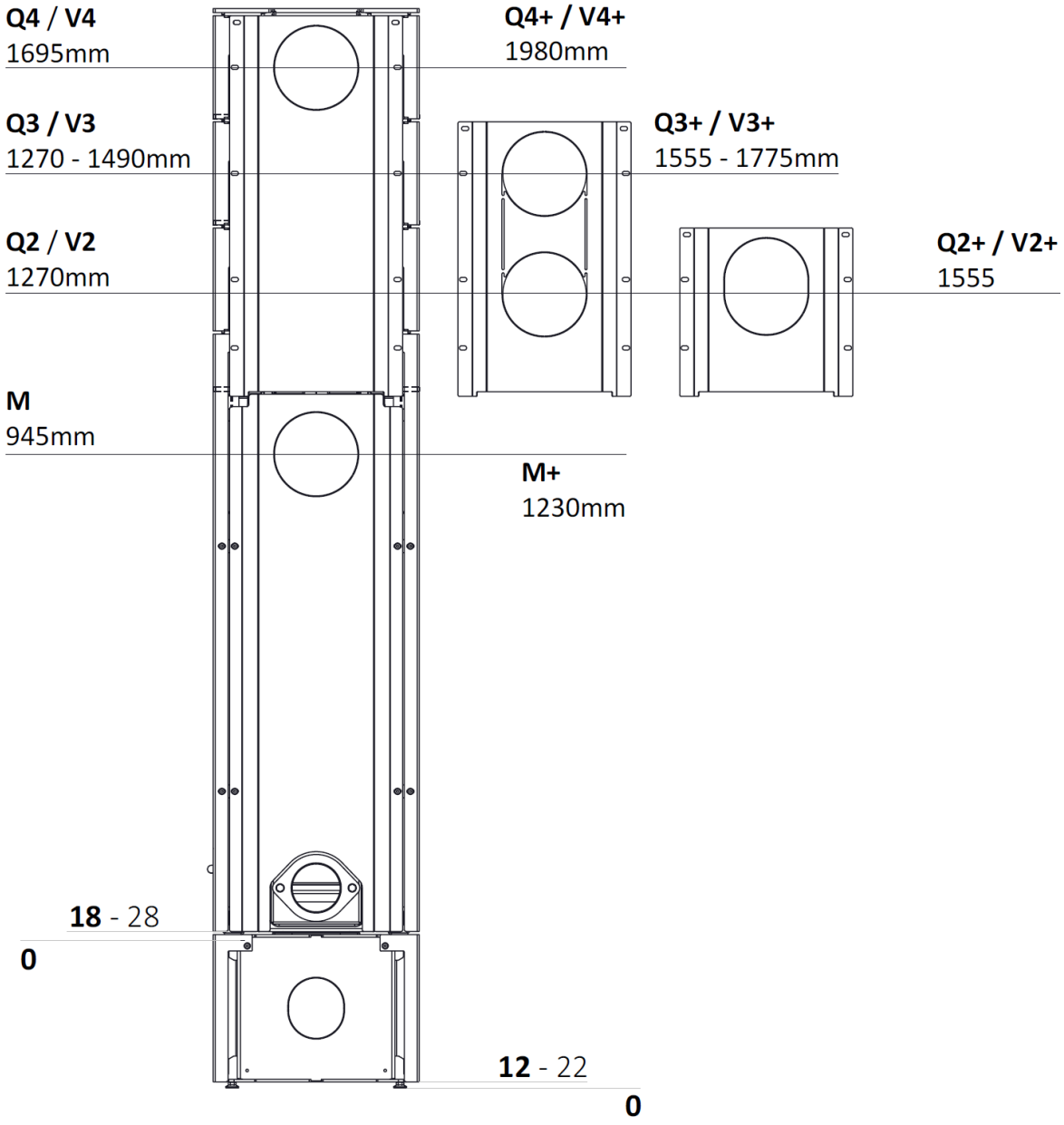
Connections – model with log-storage base and heat storage

For stoves with a log-storage base and a heat storage extension, both top and rear connections for the Ø150 mm flue are possible.

The Ø100 mm external air inlet can be routed from the rear or from the bottom. For a bottom connection, it can be routed through the interior of the log-storage base; alternatively, an external air adapter can be used.



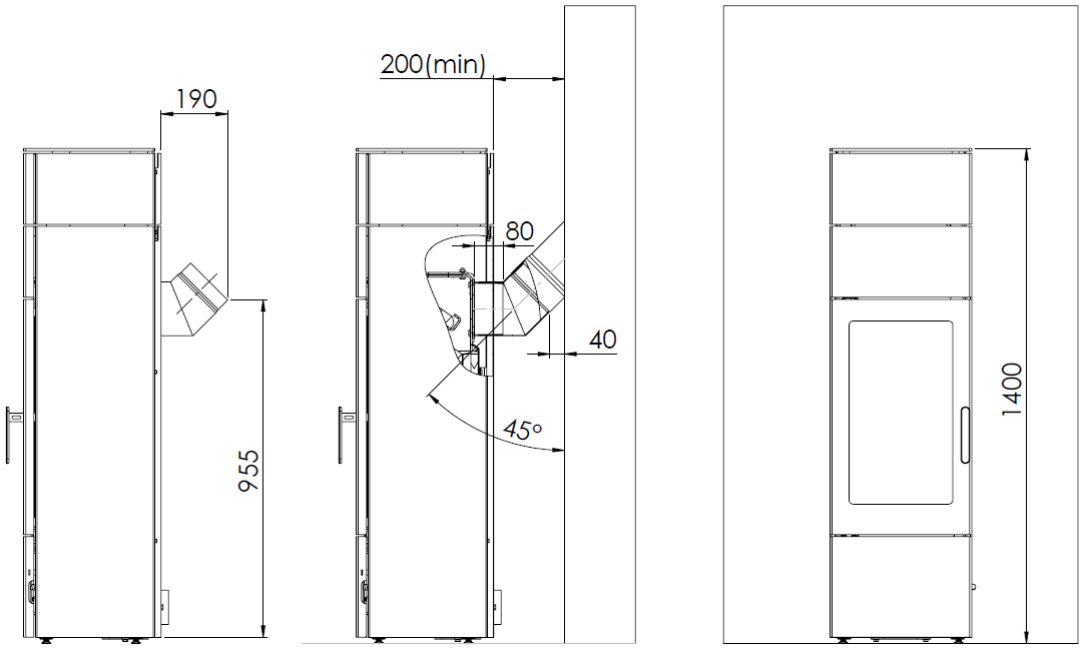
Flue connection heights for individual variants



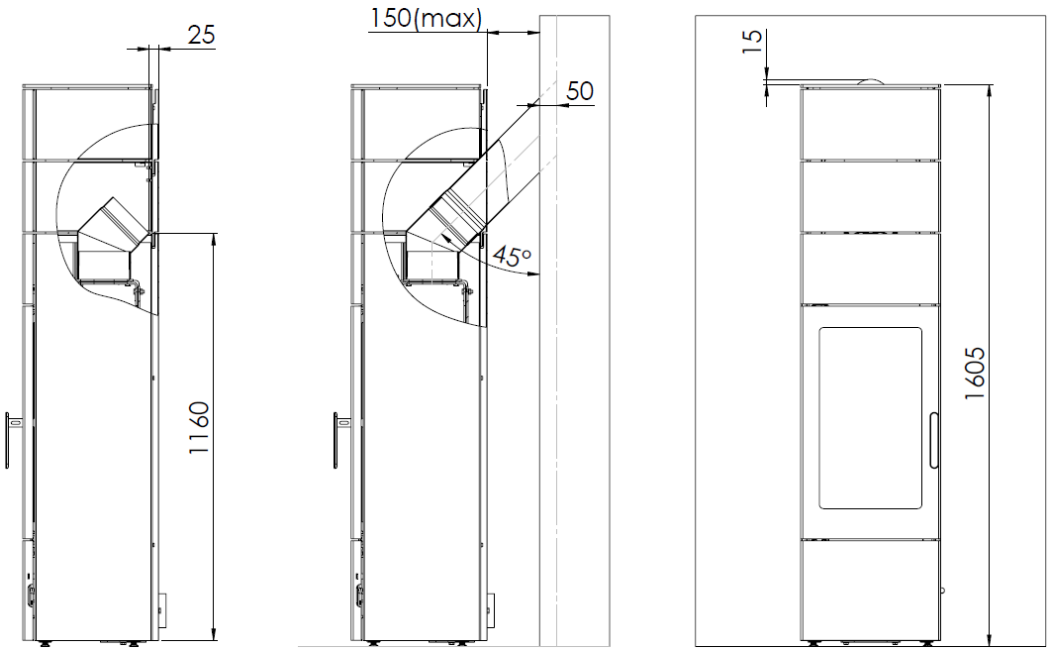
Visibility of the flue pipe with a 45° connection

The clearances to combustible materials specified in Section 2.1 must always be maintained.

For a rear connection, the minimum installation clearance of 200 mm from the rear wall is determined by the geometry of the 45° connection, assuming that the chimney outlet protrudes 40 mm from the wall. At this distance, the flue remains completely concealed when viewed from the front; this applies to models V2 or higher.



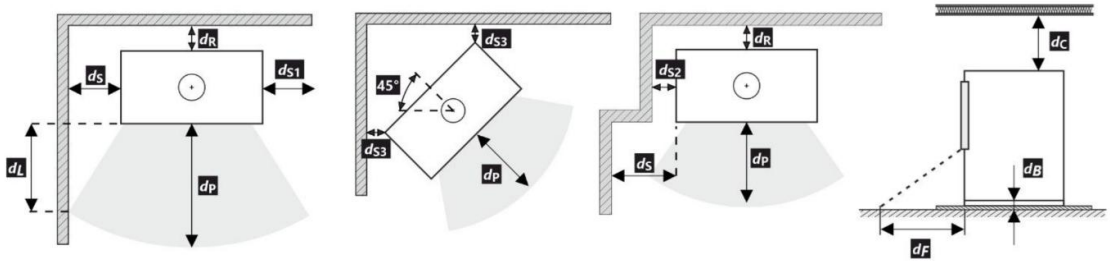
For the top connection, the maximum dimension of 150 mm is specified so that, on V3 models, the flue remains completely concealed when viewed from the front. On V4 models, this value is higher. If this dimension is exceeded by 50 mm, the flue will be partially visible when viewed from the front and will protrude approximately 15 mm above the top edge of the stove.



Minimum clearances to combustible materials

Direction / location	Minimum distance (mm)
Bottom (dB)	0
Front floor (dF)	430
Ceiling (dC)	750
Rear (dR)	250
Side (dS)	300
Lateral radiation area (dL)	390
Minimum distance from combustible materials (e.g. furniture) (dP)	1250

The distances given apply to building materials with fire reaction classes **B, C and D** (e.g. expanded polystyrene, structural timber or wood-based panels).



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Revision date: 18 September 2026