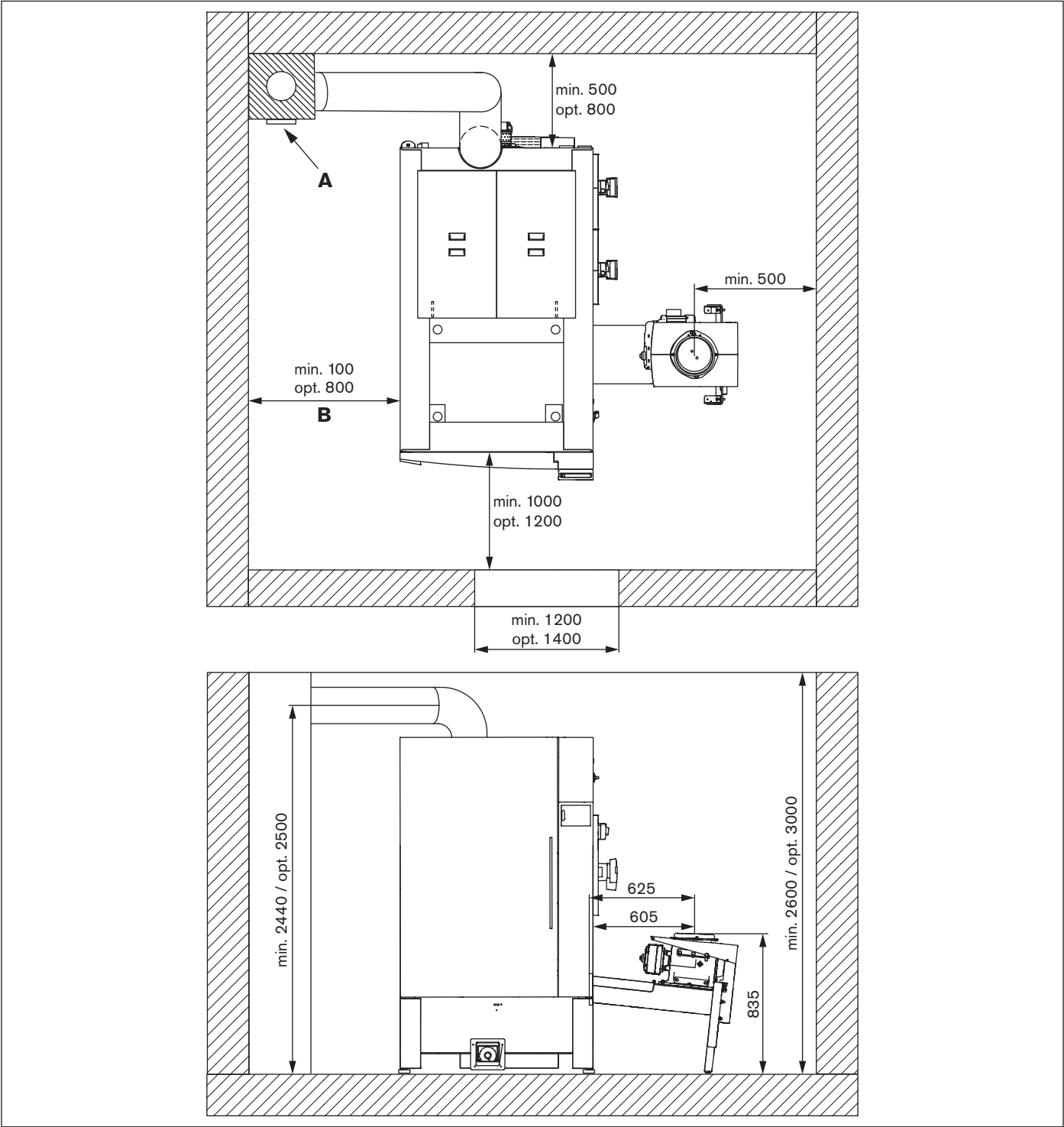


1 Installation dimensions for Eco-HK 250-330

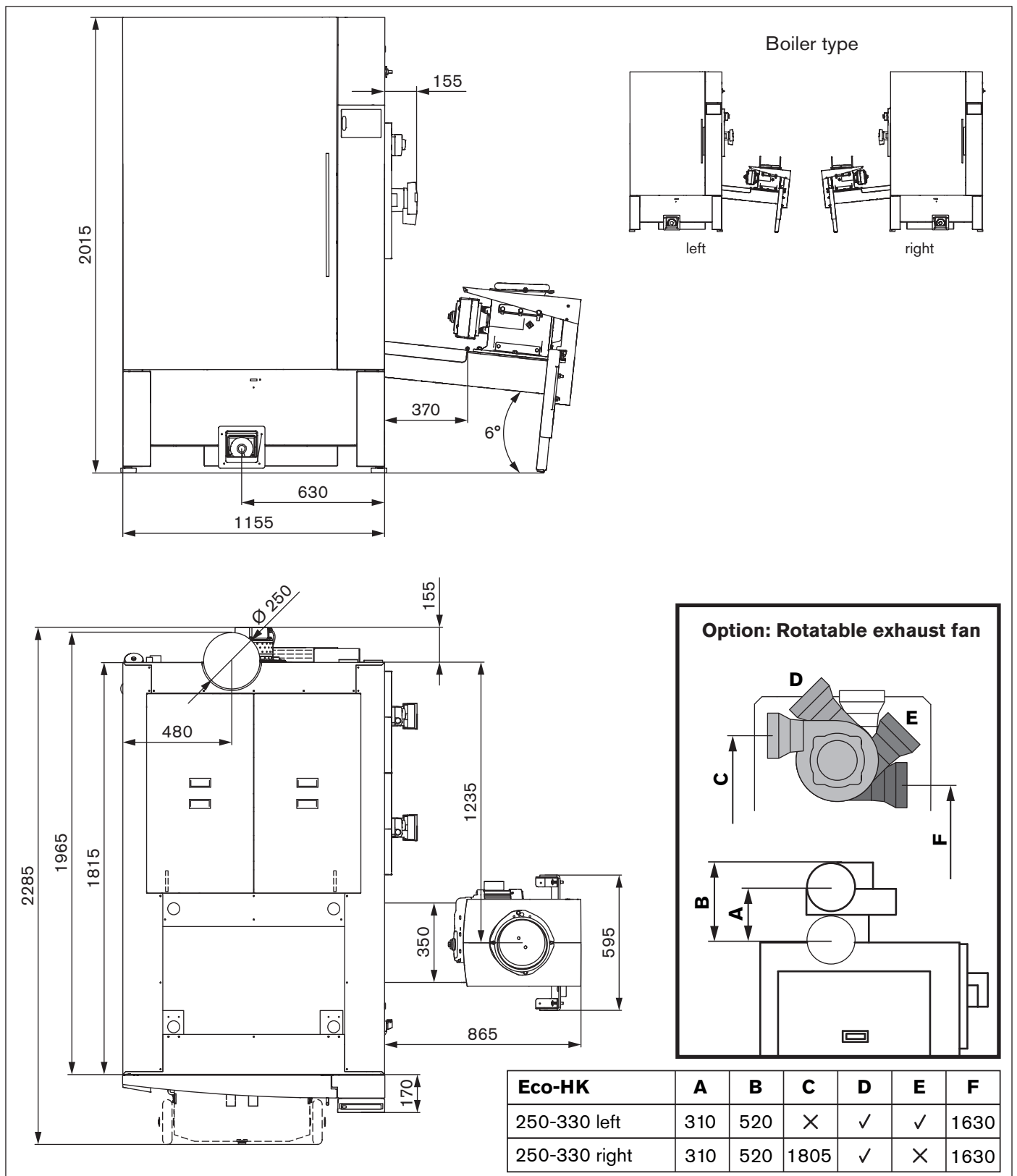
1.1 Space requirements



All dimensions in mm

Pos	Comment
A	Flue draught stabiliser
B	At least 800 mm for chimney connection.

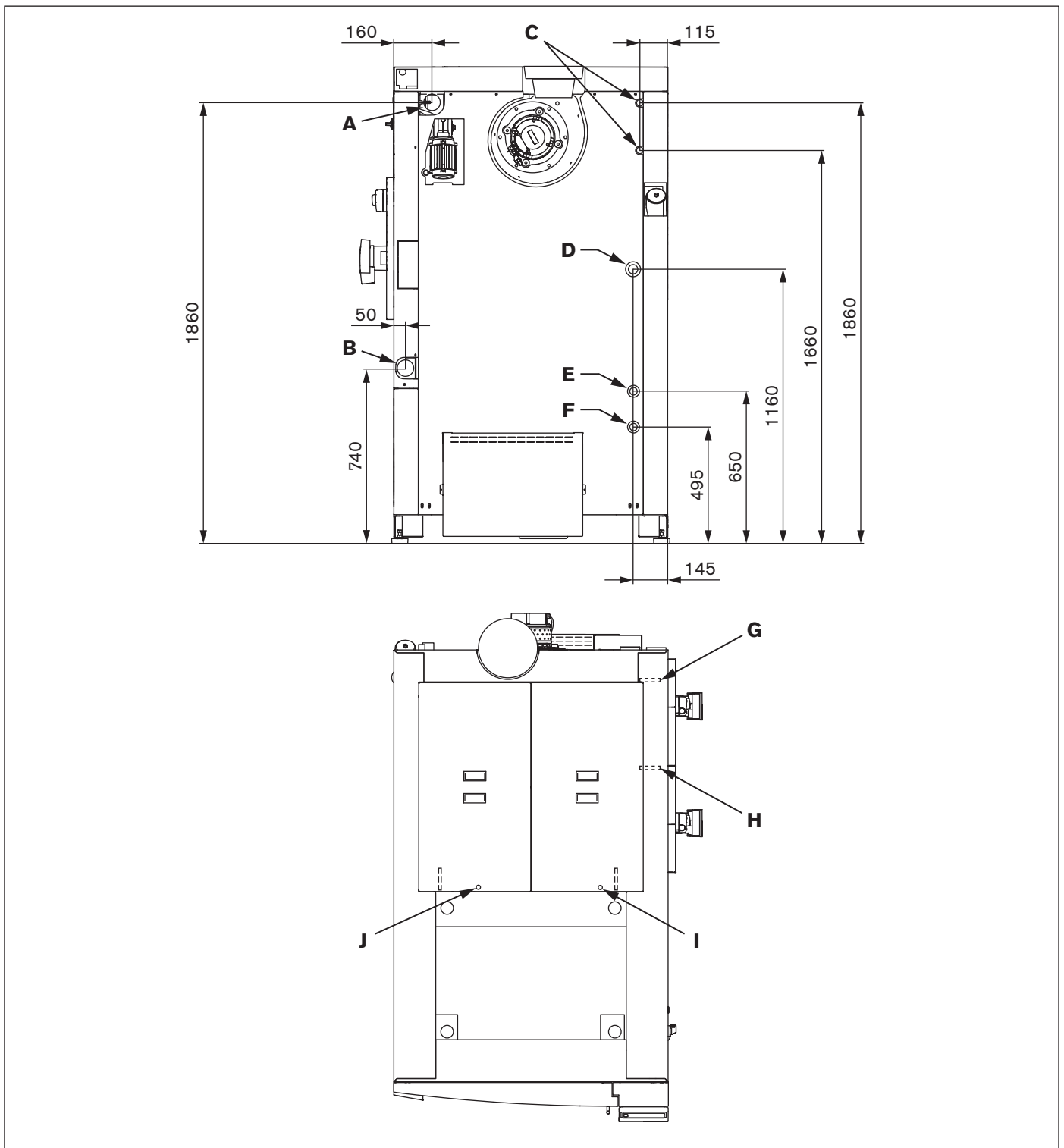
1.2 Dimensioning



All dimensions in mm

1.3 Connections

→ Connections of the right boiler are mirrored



All dimensions in mm

Pos	Description	Pos	Description	Pos	Description
A	Flow	E	Expansion vessel	I	Lambda sensor
B	Return	F	Emptying	J	Combustion chamber sensor
C	Thermal safety circuit TSC	G	Boiler sensor		
D	Safety valve	H	Return sensor		

1.4 Technical Data

Eco-HK 250-330				
Designation	Unit	Eco-HK 250	Eco-HK 300	Eco-HK 350
Nominal heat output for wood chips / pellets	kW	75 - 249	90 - 299	99 - 330
Fuel heat output for wood chips / pellets	kW	265 / 264	319 / 317	353 / 350
Boiler class (EN 303-5)		5		
Fuel and fuel classification (EN ISO 17225)		Wood chips (A1-B1) / Wood pellets (A1)		
Boiler height	mm	2015		
Boiler width	mm	1155		
Boiler depth	mm	2285		
Transport dimensions H x B x T	mm	2015 / 1155 / 1965		
FL connection height	mm	1860		
RL connection height	mm	740		
Height of cold water connection - TSC	mm	1860		
Height of drain - TSC	mm	1660		
Emptying	inches	3/4 IT		
Flow	inches	2 1/2 IT		
Return	inches	2 1/2 IT		
Expansion vessel connection	inches	3/4 IT		
Safety valve connection	inches	1 1/4 IT		
Thermal safety circuit sensor	inches	1/2 IT		
Thermal safety circuit TSC	inches	3/4 ET		
Permissible operating pressure	bar	3		
Max. operating temperature	°C	95		
Water content	l	570		
Weight	kg	2150		
Req. delivery pressure	Pa	2		
Flue draft max. limit	Pa	10		
Flue pipe diameter	mm	250		
Flue gas temperature	°C	140	150	
CO ₂	%	14		
Flue gas mass flow rate	kg/sec	0.1454	0.1752	0.1937
Water-side resistance dT 10°	mbar	228	296	356
Water-side resistance dT 20°	mbar	57	74	89
Power consumption	W	342	360	371
Electric supply		400 V AC, 50 Hz, 16 A		
Noise emission (operation) ¹	dBA	55		

¹ Emission of airborne noise from the wood chip system in the boiler room; no significance for noise emissions at the chimney outlet or in the surrounding area