

Technical data

	Unit	Logic 15	Logic 20	Logic 25	Logic 30	Logic 37	Logic 44
Performance data							
Heat output range	kW	5.6 – 17.5	5.6 – 20	8 - 25	7.5-30	10.5 - 37	10.5 - 44
Partial load / rated power	%	91-.91.3	91-91.7	92.6-93.6	92.4-93.8	92.3-94.6	92.3-94.6
Energy label (boiler + adjustment)							
Power consumption operation	W	125					
Standby power consumption	W	8					
Electrical connection (voltage/frequency)	V, Hz	230/50					
Rated current (fuse)	A	10					
Exhaust gas values (based on 13% O2)							
Temperature of exhaust gases partial load / rated power	°C	58-130	33-137	56-137	62-123	69.5-139.7	69.5-139.7
Dust content at partial load / rated power	mg/Nm³	6-8	7-8	6-7	4	4.5	5.5
CO content at partial load / rated power	mg/Nm³	29-137	33-137	72-39	41-25	28-34	28-24
Exhaust gas mass flow at partial load / rated power	g/s	4.6 - 9.1	4.6 - 10.4	6.6 - 16.9	7.74 – 15.7	8.5 – 23.19	8.5 – 23.19
Chimney draft required	Pa	12					
Maximum permissible draft in the chimney ¹	Pa	20					
Min. cross-section of the supply air in the boiler room	cm²	200					
Boiler class according to EN 303-5:2012	-	5					
Water							
Maximum allowable operating pressure	Bar	3					
Water resistance (at 20°C)	Pa	240					
Maximum supply temperature	°C	85					
Minimum return temperature	°C	55					
Water content	L	55	55	55	68	68	80
Weight	kg	370	370	370	370	395	415
Fuel							
Permitted fuel	-	EN ISO 17225-2:2014, quality class A1, ENplus-A1					
Pellet consumption (partial load / nominal performance)	kg/h	1.7 – 5.7	2.4 – 7.5	1.7 / 5.7	2.0 / 6.7	2.4 / 8.3	2.8 / 10.0
Pellet tank capacity	kg	165					