

ecoTEC system technical specifications

System boilers - ecoTEC plus 612 / 615 / 618 / 624 / 630 / 637

Technical data	Unit	ecoTEC plus					
		612	615	618	624	630	637
Article number		0010018531	0010018532	0010018533 0010018534	0010018535	0010018536 0010018537	0010018538
Gas inlet connection	mm	15					22
Connections heating flow and return	mm	22					
Connector expansion relief valve (minimum)	mm	15					
Flue size (concentric)	mm	60/100					
Condensate drain (minimum internal diameter drain)	mm	19					
Inlet gas working pressure (G20, natural gas)	mbar	20					
Inlet gas working pressure (G31, propane)	mbar	-		37			
Gas flow rate at 15°C and 1013 mbar (based on hot water generation, if applicable), G20	m ³ /h	1.3	1.6	2	2.6	3.7	4.1
Gas flow rate at 15 °C and 1013 mbar (based on hot water generation, if applicable), G31	kg/h	-	-	1.5	1.9	2.4	3
Approved flue type		C13, C33, C43, C53					
NOx class		5					
SEDBUK SAP seasonal efficiency 2009	%	89.0	89.1	89.3	89.4		89.2
ErP rating		A					
Boiler dimensions (WxHxD)	mm	440x720x338				440x720x372	440x720x406
Weight (boiler only)	kg	36			37	38	43
Nominal heat output range of central heating at 50°C flow/30°C return	kW	3.3 - 12.9	3.3 - 16.1	4.2 - 19.3 9.4 - 32.1 (LPG)	5.7 - 25.7	6.4 - 32.2 5.5 - 19.3 (LPG)	7.1 - 39.6
Nominal heat output range of central heating at 80°C flow/60°C return	kW	3.0 - 12.2	3.0 - 15.4	3.8 - 18.5 5.0 - 18.5 (LPG)	5.2 - 24.4	5.8 - 30.4 8.5 - 30.4(LPG)	6.4 - 37.6
Maximum DHW output	kW	12.2	15.4	18.5	24.4	30.4	37.6
Maximum DHW input	kW	12.4	15.7	18.9	24.9	31	38.4