E-Tech P

Floor standing, high output, three phase electric boiler. Use as a primary heat source or emergency back up.

Product Features

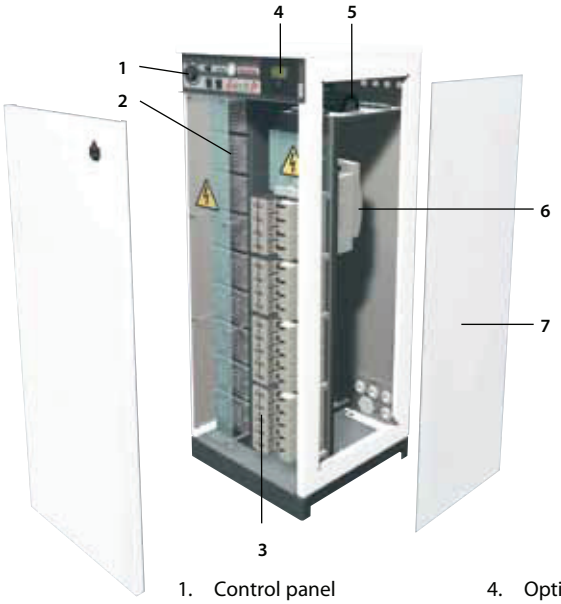
- Steel heating body and removable stainless steel heating elements
- Four standard models from 115.2 to 259.2 kW
- Four power stages – controlled by a stage delay timer
- Can easily be de-rated to provide less output if required
- Fully wired power and control circuits
- Stove enamelled casing
- Control panel including thermostats, thermometer, indicators and on/off switch
- Very little maintenance required
- Can also be used in multiple boiler installations

Technical Data

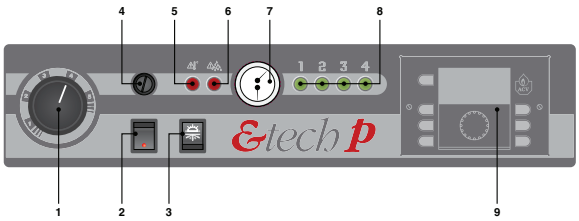
		115	144	201	259
Maximum output	kW	115.2	144	201.6	259.2
Nominal supply – Power circuit	V	3 x 400	3 x 400	3 x 400	3 x 400
Nominal supply – Control circuit	V Hz	1 x 230 50/60	1 x 230 50/60	1 x 230 50/60	1 x 230 50/60
Heating element type	kW	4 x 3 x 2.4	4 x 3 x 2.4	4 x 3 x 2.4	4 x 3 x 2.4
Number of elements	#	4	5	7	9
Ohmic value of single resistance (2.4 kW)	Ohm	22.0	22.0	22.0	22.0
Total capacity	L	60	60	102	102
Max. working pressure	Bar	4	4	4	4
Min. working pressure	Bar	0.8	0.8	0.8	0.8
Maximum operating temperature	°C	90	90	90	90
Hydraulic pressure drop	mbar [ΔT=10°C]	79	123	20	33
Primary connection (female BSP)	Ø	2" [F]	2" [F]	DN100 [*]	DN100 [*]
Weight empty	Kg	123	131	187	200

[*] DN100 flanges to be welded

Characteristics



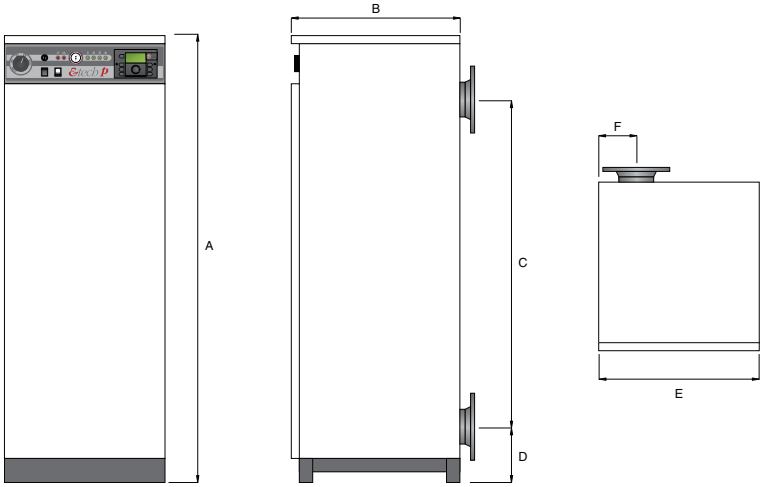
1. Control panel
2. Heating elements
3. Contactor and safety relays
4. Optional controller
5. Control circuit
6. Main fuses and power connections
7. Removable access panel



Control Panel

1. Control thermostat
   1 = 25°C
   2 = 40°C
   3 = 55°C
   4 = 70°C
   5 = 85°C
2. ON/OFF switch
3. Summer/Winter switch
4. Manual reset high limit thermostat
5. Overheating warning light
6. Minimum water pressure warning light
7. Combined temperature and pressure gauge
8. Power levels indicators
9. Optional internal controller

Dimensions



	115	144	201	259
A	1495mm	1495mm	1495mm	1495mm
B	567mm	567mm	567mm	567mm
C	550mm	550mm	1100mm	1100mm
D	183mm	183mm	183mm	183mm
E	542mm	542mm	542mm	542mm
F	125mm	125mm	125mm	125mm