

ATOMIC ELECTRIC HOT WATER HEATER 20kW - 480kW

SPEC SHEET

PRODUCT CODE: ATOMIC-400/600-"kW size"

KEY FEATURES

Atomic electric boilers are high-efficiency stainless steel electric hot water heaters for commercial HVAC, hydronic heating, process hot water and heat pump booster applications. Available from 20–480kW, the range combines compact packaged construction with SCR modulation and PLC/BMS-ready controls.

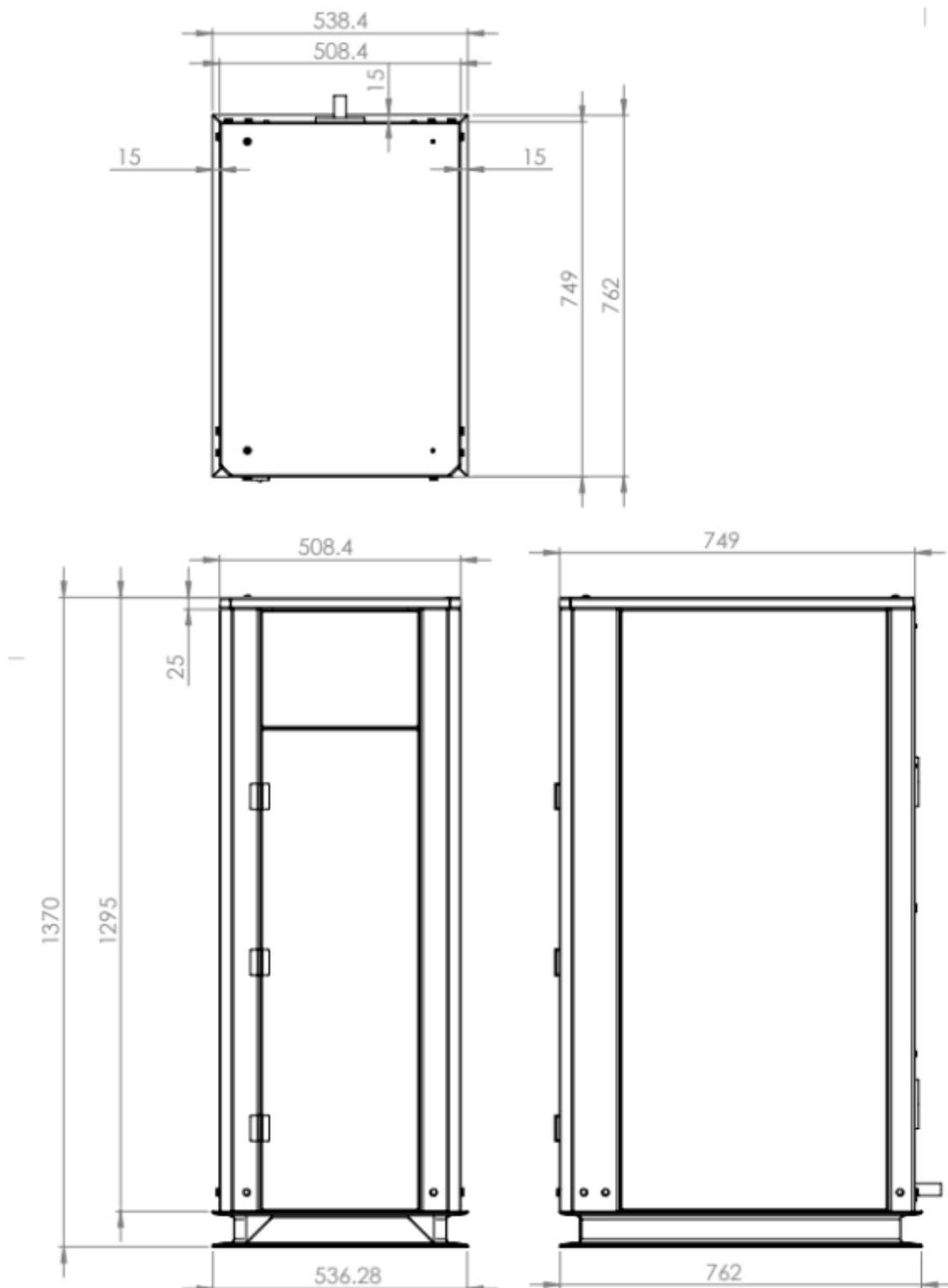
- Available in 20-480kW Capacities (400 series 20-200kW)
- 3-phase 415 Volt electric supply Complaint to NZ/AU Electrical Standards.
- 700kPa pressure rating.
- Compact footprint with front-access serviceability to all electrical components and elements.
- Native Modbus support for easy BMS integration and remote monitoring.
- Silicon Controlled Rectifier (SCR) staging delivers true step-less modulation. By matching the thermal load perfectly down to the kilowatt, the system eliminates mechanical contactor wear and slashes peak demand spikes.
- Onboard Safety valve 1", 80 or 100mm Female BSP or Flange connections on the rear of the unit.
- Controller can be programed to control external pump if required.
- HMI Touchscreen PLC control interface.



Common Applications:

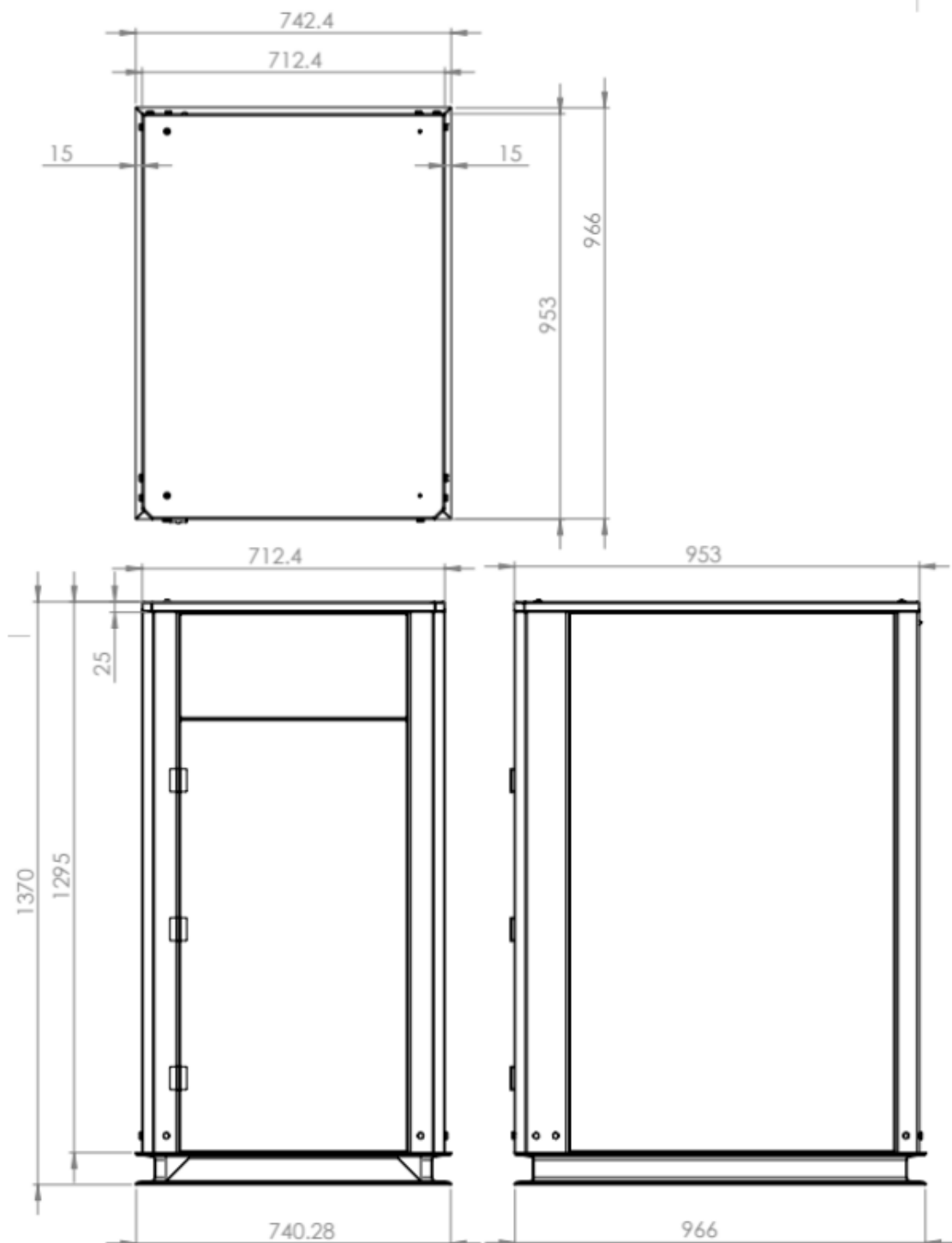
- Electrification and decarbonisation projects.
- Commercial HVAC & Hydronic Heating
- Industrial Process Hot Water
- Food and Beverage Processing
- Sustainable Building Electrification Upgrades
- Heatpump Booster applications

ATOMIC ELECTRIC HOT WATER ATOMIC 400 Series



ATOMIC-400 SERIES

ATOMIC ELECTRIC HOT WATER ATOMIC 600 Series



ATOMIC-600 SERIES

BOILER MODEL	kW	DEPTH (mm)	W(mm)	H (mm)	AMPS	OP. WEIGHT (kg)	SHIPPING WEIGHT (kg)	Water cont. (litres)	Flow & Return Sizes (mm)
EB-AT-400-20	20	762mm	536mm	1370mm	28	340kg	195kg	145L	80mm
EB-AT-400-40	40	762mm	536mm	1370mm	56	340kg	195kg	145L	80mm
EB-AT-400-60	60	762mm	536mm	1370mm	83	340kg	195kg	145L	80mm
EB-AT-400-80	80	762mm	536mm	1370mm	111	340kg	195kg	145L	80mm
EB-AT-400-100	100	762mm	536mm	1370mm	139	340kg	195kg	145L	80mm
EB-AT-400-120	120	762mm	536mm	1370mm	167	340kg	195kg	145L	80mm
EB-AT-400-140	140	762mm	536mm	1370mm	195	340kg	195kg	145L	80mm
EB-AT-400-160	160	762mm	536mm	1370mm	222	340kg	195kg	145L	80mm
EB-AT-400-180	180	762mm	536mm	1370mm	250	340kg	195kg	145L	80mm
EB-AT-400-200	200	762mm	536mm	1370mm	278	340kg	195kg	145L	80mm
EB-AT-600-240	240	966mm	740mm	1370mm	333	567kg	285kg	282L	100mm
EB-AT-600-280	280	966mm	740mm	1370mm	389	567kg	285kg	282L	100mm
EB-AT-600-320	320	966mm	740mm	1370mm	444	567kg	285kg	282L	100mm
EB-AT-600-360	360	966mm	740mm	1370mm	500	567kg	285kg	282L	100mm
EB-AT-600-400	400	966mm	740mm	1370mm	556	567kg	285kg	282L	100mm
EB-AT-600-440	440	966mm	740mm	1370mm	611	567kg	285kg	282L	100mm
EB-AT-600-480	480	966mm	740mm	1370mm	667	567kg	285kg	282L	100mm