

Grant Vortex **Eco External** Range

Introduction

Grant developed the first oil-fired external boiler in 1986 and although the concept was new to the oil market, it quickly became a popular addition to the range. Today, as around one in four oil boiler installations are external, Grant have expanded the number of options available with the launch of three competitively priced Eco External modules. The models have outputs between 15kW and 35kW (50-120,000Btu/h) and SAP 2009 gross seasonal efficiencies of 90.3 - 90.8% gross.

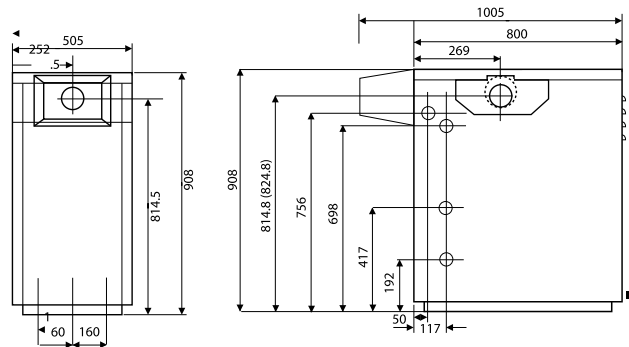
External Finish

This high efficiency Eco External range has some unique features including multi-directional flueing options, high quality external powder coated paint finish, built-in boiler frost protection, mains isolating switch and a test switch.



Dimensions (mm)

Grant Vortex Eco External 15-21, 21-26, 26-35



Sealed System Kits

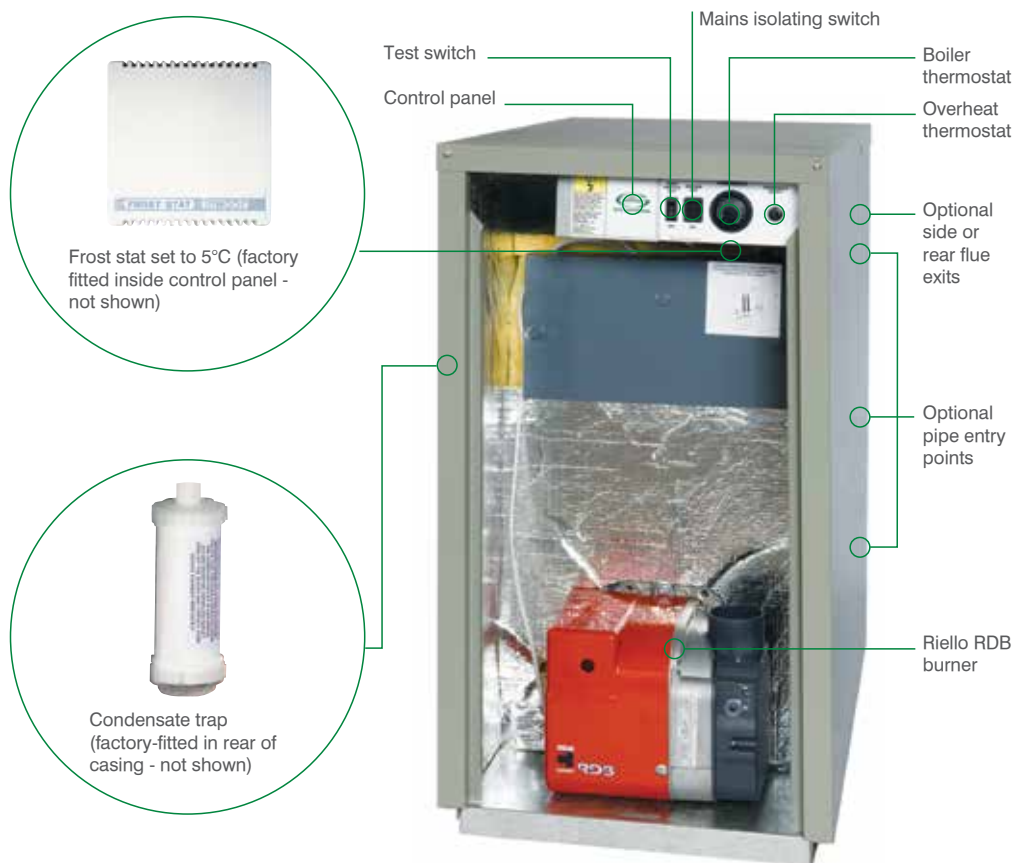
Eco External boilers can be converted to sealed system operation by purchasing a pre-assembled kit from Grant UK (Product code: VTXECOSSKIT35). The sealed system kit includes an expansion vessel, automatic air vent, pressure relief valve and circulating pump. A filling loop and pressure gauge are also supplied as part of the kit. These can be fitted within the module casing, or ideally in a convenient site within the building, located between the cold main and central heating return.



Model shown: Grant Vortex Eco External Module

Grant Vortex Eco External Modules

VTXOMECO1521 / VTXOMECO2126 / VTXOMECO2635



Model shown: **VTXOMECO1521** (front view)

Technical Specifications			
Model	Eco External modules		
	15-21	21-26	26-35
Output kW	15 to 21	21 to 26	26 to 35
Output Btu/h	50-70,000	70-90,000	90-120,000
Flow connection	22mm	22mm	22mm
Return connection	22mm	22mm	22mm
Cold water in (system kit)	15mm	15mm	15mm
Pressure relief (system kit)	15mm	15mm	15mm
Weight (dry)	127kg	117kg	143kg
Condensate pipe	21.5mm OD plastic overflow pipe		

Note 1: All boiler connections can be positioned to the left or right of the appliance.

Note 2: Grant Vortex Eco External modules are suitable for fully pumped systems only.



Vortex Eco Wall-Mounted Programmer Options



Optional Grant ES Kit, Wall-Mounted Twin-Channel Programmer.



Optional Grant RS Kit Wall-Mounted Programmable Room Thermostat.