

**Product fiche relating to:
The Eco Design for Energy-Related Products
and Energy Information (Amendment) (EU Exit)
Regulations 2019**

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| Pro Range: Vortex Pro | Symbols | Unit | 15-26 | 26-46 | 46-70 | System 15-26 | System 26-46 |
|--|-------------|--------|-------|-------|-------|--------------|--------------|
| Condensing boiler | | | Yes | Yes | Yes | Yes | Yes |
| Low temperature boiler | | | No | No | No | No | No |
| B1 Boiler | | | No | No | No | No | No |
| Combination heater | | | No | No | No | No | No |
| Rated heat output | P_{rated} | kW | 26 | 46 | 70 | 26 | 46 |
| Useful heat output | | | | | | | |
| At rated heat output and high temp regime | P_4 | kW | 26 | 46 | 70 | 26 | 46 |
| At 30% of rated heat output and low temp regime | P_1 | kW | 7.8 | 13.8 | 21 | 7.8 | 13.8 |
| Auxiliary electricity consumption | | | | | | | |
| At Full load | e_{lmax} | kW | 0.130 | 0.148 | 0.182 | 0.130 | 0.148 |
| At part load | e_{lmin} | kW | 0.039 | 0.052 | 0.075 | 0.039 | 0.052 |
| In standby mode | P_{SB} | kW | 0 | 0 | 0 | 0 | 0 |
| Useful efficiency | | | | | | | |
| Seasonal space heating energy efficiency | η_s | % | 91.71 | 90.00 | 91.61 | 91.71 | 90.00 |
| At rated heat output and high temperature regime | η_4 | % | 93.6 | 90.8 | 90.9 | 93.6 | 90.8 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 96.4 | 94.4 | 96.2 | 96.4 | 94.4 |
| Other items | | | | | | | |
| Standby heat loss | P_{stby} | kW | 0.264 | 0.301 | 0.306 | 0.264 | 0.301 |
| Ignition burner power consumption | P_{ign} | kW | 0 | 0 | 0 | 0 | 0 |
| Annual energy consumption | Q_{HE} | kWh | - | - | - | - | - |
| Sound power level, indoors | L_{WA} | db | 50.6 | 51.1 | 55.0 | 50.6 | 51.1 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 | <120 | <120 | <120 | <120 |
| Emissions Class | | | 2 | 2 | 3 | 2 | 2 |
| Daily fuel consumption | Q_{fuel} | kWh | - | - | - | - | - |
| Annual fuel consumption | AFC | GJ | - | - | - | - | - |

| Pro Range: Vortex Pro External | Symbols | Unit | 15-26 | 26-46 | 46-70 |
|--|-------------|--------|-------|-------|-------|
| Condensing boiler | | | Yes | Yes | Yes |
| Low temperature boiler | | | No | No | No |
| B1 Boiler | | | No | No | No |
| Combination heater | | | No | No | No |
| Rated heat output | P_{rated} | kW | 26 | 46 | 70 |
| Useful heat output | | | | | |
| At rated heat output and high temp regime | P_4 | kW | 26 | 46 | 70 |
| At 30% of rated heat output and low temp regime | P_1 | kW | 7.8 | 13.8 | 21 |
| Auxiliary electricity consumption | | | | | |
| At Full load | El_{max} | kW | 0.130 | 0.148 | 0.182 |
| At part load | El_{min} | kW | 0.039 | 0.052 | 0.075 |
| In standby mode | P_{SB} | kW | 0 | 0 | 0 |
| Useful efficiency | | | | | |
| Seasonal space heating energy efficiency | η_s | % | 91.71 | 90.00 | 91.61 |
| At rated heat output and high temperature regime | η_4 | % | 93.6 | 90.8 | 90.9 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 96.4 | 94.4 | 96.2 |
| Other items | | | | | |
| Standby heat loss | P_{stby} | kW | 0.264 | 0.301 | 0.306 |
| Ignition burner power consumption | P_{ign} | kW | 0 | 0 | 0 |
| Annual energy consumption | Q_{HE} | kWh | - | - | - |
| Sound power level, indoors | L_{WA} | db | 50.6 | 51.1 | 55.0 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 | <120 | <120 |
| Emissions Class | | | 2 | 2 | 3 |
| Daily fuel consumption | Q_{fuel} | kWh | - | - | - |
| Annual fuel consumption | AFC | GJ | - | - | - |

| Vortex Range: Vortex Boiler House | Symbols | Unit | 15-26 | 26-46 | 46-70 |
|--|-------------|--------|-------|-------|-------|
| Condensing boiler | | | Yes | Yes | Yes |
| Low temperature boiler | | | No | No | No |
| B1 Boiler | | | No | No | No |
| Combination heater | | | No | No | No |
| Rated heat output | P_{rated} | kW | 26 | 46 | 70 |
| Useful heat output | | | | | |
| At rated heat output and high temperature regime | P_4 | kW | 26 | 46 | 70 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 7.4 | 13.8 | 21 |
| Auxiliary electricity consumption | | | | | |
| At Full load | el_{max} | kW | 0.154 | 0.155 | 0.215 |
| At part load | el_{min} | kW | 0.047 | 0.046 | 0.064 |
| In standby mode | P_{SB} | kW | 0 | 0 | 0 |
| Useful efficiency | | | | | |
| Seasonal space heating energy efficiency | η_s | % | 91.70 | 90.06 | 91.66 |
| At rated heat output and high temperature regime | η_4 | % | 92.4 | 90.8 | 90.9 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 97.2 | 94.4 | 96.2 |
| Other items | | | | | |
| Standby heat loss | P_{stby} | kW | 0.091 | 0.1 | 0.12 |
| Ignition burner power consumption | P_{ign} | kW | 0 | 0 | 0 |
| Annual energy consumption | Q_{HE} | kWh | - | - | - |
| Sound power level, indoors | L_{WA} | dB | 63 | 61 | 67 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 | <120 | <120 |
| Emissions Class | | | 2 | 2 | 3 |
| Daily fuel consumption | Q_{fuel} | kWh | - | - | - |
| Annual fuel consumption | AFC | GJ | - | - | - |

| Pro Range: Vortex Condensing Combi (Vortex Pro Combi) | Symbols | Unit | 21 | 26 | 36 |
|--|-------------|--------|--------|--------|-------|
| Condensing boiler | | | Yes | Yes | Yes |
| Low temperature boiler | | | No | No | No |
| B1 Boiler | | | No | No | No |
| Combination heater | | | Yes | Yes | Yes |
| Rated heat output | P_{rated} | kW | 21 | 26 | 36 |
| Useful heat output | | | | | |
| At rated heat output and high temperature regime | P_4 | kW | 21 | 26 | 36 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 6.3 | 7.8 | 10.8 |
| Auxiliary electricity consumption | | | | | |
| At Full load | e_{max} | kW | 0.158 | 0.13 | 0.15 |
| At part load | e_{min} | kW | 0.052 | 0.052 | 0.039 |
| In standby mode | P_{SB} | kW | 0.009 | 0.009 | 0.009 |
| Declared load profile | | | | | |
| Daily electricity consumption | Q_{elec} | | 0.293 | 0.23 | 0.205 |
| Annual electricity consumption | AEC | | 64.5 | 50.5 | 45.2 |
| Useful efficiency | | | | | |
| Seasonal space heating energy efficiency | η_s | % | 90.81 | 91.71 | 94.56 |
| At rated heat output and high temperature regime | η_4 | % | 88.9 | 93.6 | 95.1 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 97.1 | 96.4 | 99.3 |
| Other items | | | | | |
| Standby heat loss | P_{stby} | kW | 0.23 | 0.264 | 0.522 |
| Ignition burner power consumption | P_{ign} | kW | 0 | 0 | 0 |
| Annual energy consumption | Q_{HE} | kWh | - | - | - |
| Sound power level, indoors | L_{WA} | dB | 50.6 | 50.6 | 53.7 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 | <120 | <120 |
| Emissions Class | | | 2 | 2 | 2 |
| Water heating efficiency | η_{wh} | % | 68.23 | 62.6 | 60.38 |
| Daily fuel consumption | Q_{fuel} | kWh | 27.2 | 30 | 31.1 |
| Annual fuel consumption | AFC | GJ | 21.556 | 26.673 | 24.67 |

| Pro Range: Vortex Outdoor Condensing Combi (Vortex Pro External Combi) | Symbols | Unit | 26 | 36 |
|---|---------------|--------|--------|-------|
| Condensing boiler | | | Yes | Yes |
| Low temperature boiler | | | No | No |
| B1 Boiler | | | No | No |
| Combination heater | | | Yes | Yes |
| Rated heat output | <i>Prated</i> | kW | 26 | 36 |
| Useful heat output | | | | |
| At rated heat output and high temperature regime | P_4 | kW | 26 | 36 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 7.8 | 10.8 |
| Auxiliary electricity consumption | | | | |
| At Full load | el_{max} | kW | 0.13 | 0.15 |
| At part load | el_{min} | kW | 0.052 | 0.039 |
| In standby mode | P_{SB} | kW | 0.009 | 0.009 |
| Declared load profile | | | | |
| Daily electricity consumption | Q_{elec} | | 0.23 | 0.205 |
| Annual electricity consumption | <i>AEC</i> | | 50.5 | 45.2 |
| Useful efficiency | | | | |
| Seasonal space heating energy efficiency | η_s | % | 91.71 | 94.56 |
| At rated heat output and high temperature regime | η_4 | % | 93.6 | 95.1 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 96.4 | 99.3 |
| Other items | | | | |
| Standby heat loss | P_{stby} | kW | 0.264 | 0.522 |
| Ignition burner power consumption | P_{ign} | kW | 0 | 0 |
| Annual energy consumption | Q_{HE} | kWh | - | - |
| Sound power level, indoors | L_{WA} | dB | 50.6 | 53.7 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 | <120 |
| Emissions Class | | | 2 | 2 |
| Water heating efficiency | η_{wh} | % | 62.6 | 60.38 |
| Daily fuel consumption | Q_{fuel} | kWh | 30.0 | 31.1 |
| Annual fuel consumption | <i>AFC</i> | GJ | 26.673 | 24.67 |

| Pro Range: Vortex Outdoor Combi (Vortex Pro External Combi) | Symbols | Unit | 21 |
|--|-------------|--------|--------|
| Condensing boiler | | | Yes |
| Low temperature boiler | | | No |
| B1 Boiler | | | No |
| Combination heater | | | Yes |
| Rated heat output | P_{rated} | kW | 21 |
| Useful heat output | | | |
| At rated heat output and high temperature regime | P_4 | kW | 21 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 6.3 |
| Auxiliary electricity consumption | | | |
| At Full load | el_{max} | kW | 0.158 |
| At part load | el_{min} | kW | 0.052 |
| In standby mode | P_{SB} | kW | 0.009 |
| Declared load profile | | | XL |
| Daily electricity consumption | Q_{elec} | | 0.293 |
| Annual electricity consumption | AEC | | 65.4 |
| Useful efficiency | | | |
| Seasonal space heating energy efficiency | η_s | % | 90.81 |
| At rated heat output and high temperature regime | η_4 | % | 88.9 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 97.1 |
| Other items | | | |
| Standby heat loss | P_{stby} | kW | 0.23 |
| Ignition burner power consumption | P_{ign} | kW | 0 |
| Annual energy consumption | Q_{HE} | kWh | - |
| Sound power level, indoors | L_{WA} | dB | 50.6 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 |
| Emissions Class | | | 2 |
| Water heating efficiency | η_{wh} | % | 68.23 |
| Daily fuel consumption | Q_{fuel} | kWh | 30.0 |
| Annual fuel consumption | AFC | GJ | 21.556 |

| Pro Range: Vortex Pro Combi XS | Symbols | Unit | 26 |
|--|-------------|--------|-------|
| Condensing boiler | | | Yes |
| Low temperature boiler | | | No |
| B1 Boiler | | | No |
| Combination heater | | | Yes |
| Rated heat output | P_{rated} | kW | 26 |
| Useful heat output | | | |
| At rated heat output and high temperature regime | P_4 | kW | 26 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 8.3 |
| Auxiliary electricity consumption | | | |
| At Full load | e_{lmax} | kW | 0.167 |
| At part load | e_{lmin} | kW | 0.049 |
| In standby mode | P_{SB} | kW | 0.001 |
| Declared load profile | | | |
| Daily electricity consumption | Q_{elec} | | 0.269 |
| Annual electricity consumption | AEC | | 59.2 |
| Useful efficiency | | | |
| Seasonal space heating energy efficiency | η_s | % | 92.00 |
| At rated heat output and high temperature regime | η_4 | % | 91.92 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 97.64 |
| Other items | | | |
| Standby heat loss | P_{stby} | kW | 0.135 |
| Ignition burner power consumption | P_{ign} | kW | 0 |
| Annual energy consumption | Q_{HE} | kWh | - |
| Sound power level, indoors | L_{WA} | dB | 49.6 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 |
| Emissions Class | | | 2 |
| Water heating efficiency | η_{wh} | % | 68.11 |
| Daily fuel consumption | Q_{fuel} | kWh | 27.3 |
| Annual fuel consumption | AFC | GJ | 21.6 |

| Vortex Range: Vortex Air | Symbols | Unit | 15-26 Boiler |
|--|-------------|--------|--------------|
| Condensing boiler | | | Yes |
| Low temperature boiler | | | No |
| B1 Boiler | | | No |
| Combination heater | | | No |
| Rated heat output | P_{rated} | kW | 26 |
| Useful heat output | | | |
| At rated heat output and high temperature regime | P_4 | kW | 26 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 8.3 |
| Auxiliary electricity consumption | | | |
| At Full load | el_{max} | kW | 0.167 |
| At part load | el_{min} | kW | 0.049 |
| In standby mode | P_{SB} | kW | 0.001 |
| Useful efficiency | | | |
| Seasonal space heating energy efficiency | η_s | % | 92.00 |
| At rated heat output and high temperature regime | η_4 | % | 91.92 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 97.64 |
| Other items | | | |
| Standby heat loss | P_{stby} | kW | 0.135 |
| Ignition burner power consumption | P_{ign} | kW | 0 |
| Annual energy consumption | Q_{HE} | kWh | - |
| Sound power level, indoors | L_{WA} | dB | 49.6 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 |
| Emissions Class | | | 2 |
| Daily fuel consumption | Q_{fuel} | kWh | 27.3 |
| Annual fuel consumption | AFC | GJ | 21.6 |

| Eco Range: Vortex Eco Utility | Symbols | Unit | 15-21 | 21-26 | 26-35 | SYSTEM 15-21 | SYSTEM 21-26 | SYSTEM 26-35 |
|--|-------------|--------|-------|-------|-------|--------------|--------------|--------------|
| Condensing boiler | | | Yes | Yes | Yes | Yes | Yes | Yes |
| Low temperature boiler | | | No | No | No | No | No | No |
| B1 Boiler | | | No | No | No | No | No | No |
| Combination heater | | | No | No | No | No | No | No |
| Rated heat output | P_{rated} | kW | 21 | 26 | 35 | 21 | 26 | 35 |
| Useful heat output | | | | | | | | |
| At rated heat output and high temperature regime | P_4 | kW | 21 | 26 | 35 | 21 | 26 | 35 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 5.8 | 7.4 | 9.6 | 5.8 | 7.4 | 9.6 |
| Auxiliary electricity consumption | | | | | | | | |
| At Full load | el_{max} | kW | 0.113 | 0.154 | 0.146 | 0.113 | 0.154 | 0.146 |
| At part load | el_{min} | kW | 0.035 | 0.047 | 0.045 | 0.035 | 0.047 | 0.045 |
| In standby mode | P_{SB} | kW | 0 | 0 | 0 | 0 | 0 | 0 |
| Useful efficiency | | | | | | | | |
| Seasonal space heating energy efficiency | η_s | % | 92.7 | 91.7 | 92.4 | 92.7 | 91.7 | 92.4 |
| At rated heat output and high temperature regime | η_4 | % | 92.2 | 92.4 | 92.4 | 92.2 | 92.4 | 92.4 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 98.4 | 97.2 | 97.5 | 98.4 | 97.2 | 97.5 |
| Other items | | | | | | | | |
| Standby heat loss | P_{stby} | kW | 0.082 | 0.091 | 0.09 | 0.082 | 0.091 | 0.09 |
| Ignition burner power consumption | P_{ign} | kW | 0 | 0 | 0 | 0 | 0 | 0 |
| Annual energy consumption | Q_{HE} | kWh | - | - | - | - | - | - |
| Sound power level, indoors | L_{WA} | dB | 50.6 | 50.6 | 53.7 | 50.6 | 50.6 | 53.7 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 | <120 | <120 | <120 | <120 | <120 |
| Emissions Class | | | 2 | 2 | 2 | 2 | 2 | 2 |
| Daily fuel consumption | Q_{fuel} | kWh | - | - | - | - | - | - |
| Annual fuel consumption | AFC | GJ | - | - | - | - | - | - |

| Eco Range: Vortex Eco External | Symbols | Unit | 15-21 | 21-26 | 26-35 | SYSTEM 15-21 | SYSTEM 21-26 | SYSTEM 26-35 |
|--|-------------|--------|-------|-------|-------|--------------|--------------|--------------|
| Condensing boiler | | | Yes | Yes | Yes | Yes | Yes | Yes |
| Low temperature boiler | | | No | No | No | No | No | No |
| B1 Boiler | | | No | No | No | No | No | No |
| Combination heater | | | No | No | No | No | No | No |
| Rated heat output | P_{rated} | kW | 21 | 26 | 35 | 21 | 26 | 35 |
| Useful heat output | | | | | | | | |
| At rated heat output and high temperature regime | P_4 | kW | 21 | 26 | 35 | 21 | 26 | 35 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 5.8 | 7.4 | 9.6 | 5.8 | 7.4 | 9.6 |
| Auxiliary electricity consumption | | | | | | | | |
| At Full load | el_{max} | kW | 0.113 | 0.154 | 0.146 | 0.113 | 0.154 | 0.146 |
| At Part load | el_{min} | kW | 0.035 | 0.047 | 0.045 | 0.035 | 0.047 | 0.045 |
| In standby mode | P_{SB} | kW | 0 | 0 | 0 | 0 | 0 | 0 |
| Useful efficiency | | | | | | | | |
| Seasonal space heating energy efficiency | η_s | % | 92.7 | 91.7 | 92.4 | 92.7 | 91.7 | 92.4 |
| At rated heat output and high temperature regime | η_4 | % | 92.2 | 92.4 | 92.4 | 92.2 | 92.4 | 92.4 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 98.4 | 97.2 | 97.5 | 98.4 | 97.2 | 97.5 |
| Other items | | | | | | | | |
| Standby heat loss | P_{stby} | kW | 0.082 | 0.091 | 0.09 | 0.082 | 0.091 | 0.09 |
| Ignition burner power consumption | P_{ign} | kW | 0 | 0 | 0 | 0 | 0 | 0 |
| Annual energy consumption | Q_{HE} | kWh | - | - | - | - | - | - |
| Sound power level, indoors | L_{WA} | dB | 50.6 | 50.6 | 53.7 | 50.6 | 50.6 | 53.7 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 | <120 | <120 | <120 | <120 | <120 |
| Emissions Class | | | 2 | 2 | 2 | 2 | 2 | 2 |
| Daily fuel consumption | Q_{fuel} | kWh | - | - | - | - | - | - |
| Annual fuel consumption | AFC | GJ | | | | | | |

| Eco Range: | | | | |
|--|-------------|--------|-------|--------------|
| Vortex Eco Wall Hung | Symbols | Unit | 16-21 | SYSTEM 16-21 |
| Condensing boiler | | | Yes | Yes |
| Low temperature boiler | | | No | No |
| B1 Boiler | | | No | No |
| Combination heater | | | No | No |
| Rated heat output | P_{rated} | kW | 21 | 21 |
| Useful heat output | | | | |
| At rated heat output and high temperature regime | P_4 | kW | 21 | 21 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 6.3 | 6.3 |
| Auxiliary electricity consumption | | | | |
| At Full load | el_{max} | kW | 0.150 | 0.150 |
| At part load | el_{min} | kW | 0.07 | 0.07 |
| In standby mode | P_{SB} | kW | 0 | 0 |
| Useful efficiency | | | | |
| Seasonal space heating energy efficiency | η_s | % | 90.52 | 90.52 |
| At rated heat output and high temperature regime | η_4 | % | 90.8 | 90.8 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 96.9 | 96.9 |
| Other items | | | | |
| Standby heat loss | P_{stby} | kW | 0.236 | 0.236 |
| Ignition burner power consumption | P_{ign} | kW | 0 | 0 |
| Annual energy consumption | Q_{HE} | kWh | - | - |
| Sound power level, indoors | L_{WA} | dB | 51.7 | 51.7 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 | <120 |
| Emissions Class | | | 2 | 2 |
| Daily fuel consumption | Q_{fuel} | kWh | - | - |
| Annual fuel consumption | AFC | GJ | - | - |

| Eco Range: | | | | |
|--|-------------|--------|-------|--------------|
| Vortex Eco Wall Hung External | Symbols | Unit | 16-21 | SYSTEM 16-21 |
| Condensing boiler | | | Yes | Yes |
| Low temperature boiler | | | No | No |
| B1 Boiler | | | No | No |
| Combination heater | | | No | No |
| Rated heat output | P_{rated} | kW | 21 | 21 |
| Useful heat output | | | | |
| At rated heat output and high temperature regime | P_4 | kW | 21 | 21 |
| At 30% of rated heat output and low temperature regime | P_1 | kW | 6.3 | 6.3 |
| Auxiliary electricity consumption | | | | |
| At Full load | el_{max} | kW | 0.150 | 0.150 |
| At part load | el_{min} | kW | 0.07 | 0.07 |
| In standby mode | P_{SB} | kW | 0 | 0 |
| Useful efficiency | | | | |
| Seasonal space heating energy efficiency | η_s | % | 90.52 | 90.52 |
| At rated heat output and high temperature regime | η_4 | % | 90.8 | 90.8 |
| At 30% of rated heat output and low temperature regime | η_1 | % | 96.9 | 96.9 |
| Other items | | | | |
| Standby heat loss | P_{stby} | kW | 0.236 | 0.236 |
| Ignition burner power consumption | P_{ign} | kW | 0 | 0 |
| Annual energy consumption | Q_{HE} | kWh | - | - |
| Sound power level, indoors | L_{WA} | dB | 51.7 | 51.7 |
| Emissions of nitrogen oxides | NO_x | mg/kWh | <120 | <120 |
| Emissions Class | | | 2 | 2 |
| Daily fuel consumption | Q_{fuel} | kWh | - | - |
| Annual fuel consumption | AFC | GJ | - | - |

End of Life Information

General

Grant oil boilers incorporate components manufactured from a variety of different materials. The majority of these materials can be recycled whilst the smaller remainder cannot.

Materials that cannot be recycled must be disposed of according to local regulations using appropriate waste collection and/or disposal services.

Disassembly

There is little risk to those involved in the disassembly of this product. Please refer to and follow the Health and Safety Information given in the Installation & Servicing Instructions provided with the boiler.

For guidance on the disassembly of the boiler refer to the information given in the Servicing section of the Installation & Servicing Instructions provided with the boiler.

Recycling

Many of the materials used in Grant oil boilers can be recycled, these are listed in the table below:

| Component | Material |
|------------------------------------|--------------------------------------|
| Outer casing panels | Mild steel (polyester powder coated) |
| Primary heat exchanger and baffles | Mild steel |
| Secondary heat exchanger | Stainless steel |
| Secondary heat exchanger spirals | Aluminium alloy |
| Pipework | Copper |
| Burner body/flange | Aluminium alloy |
| Burner oil pump | Aluminium alloy/steel |
| Riello oil burner cover | Plastic |
| Electrical wiring | Copper/plastic |
| Thermostats | Copper/plastic |
| Printed Circuit boards | Copper/plastic |

Disposal

All materials other than those listed above must be disposed of responsibly as general waste.



Neil Sawers
Commercial Technical Manager