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| **DOMESTIC BOILER SPECIFICATION** | | |
| **Ref:** TS 001 Issue Date: 21.02.13 | **Equipment:** BOILERS **Supplier:** HEVAC Ltd. | |
| **General Description of Equipment offered for SPECIFICATION /Approval:**   * BOILER SPECIFICATION | | |
| **Drawing: On request** | | **Drawing Ref: N/A** |
| **DOCUMENTATION ISSUED:**   |  |  | | --- | --- | | **SPECIFICATION** | **DeDIETRICH WALL HUNG GAS CONDENSING COMBI BOILER** | | **TYPE** | De Dietrich NANEO range | | **REF.** | EMC-**M 24/28** MI | | **NOMINAL OUTPUT @ 50/30°C** | 6.1 - 24.8kW | | **NOMINAL OUTPUT DHW Setting** | 5.5 – 27.5 kW | | **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 97.6% | | **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 109.2% | | **NOX Annual Emission (n=1)** | 58 mg/kWh | | **NOX Classification EN 297 pr A3, EN 483** | 5 | | **Mass flue gas flow rate** | 9.4 kg/h – 45.5 kg/h | | **Flue Gas Temperature** | 32 – 84 C | | **Specific HW Flow rate. ∆T = 30K.** | 14 l/min. | | **Domestic Water resistance** | 123 mbar | | **Max Operating Pressure** | 8 Bar | | **Electrical Protection** | X4D | | **Acoustic level @ 1m** | 38dB A – 42dB A | | **Nett Weight (excluding DHW tank)** | 26 kg | | **Note 1.** | Boiler to be wall hung gas condensing | | **Note 2.** | Boiler annual efficiency of up to 109% | | **Note 3.** | Boiler to have monoblock heating body in aluminium/silicium | | **Note 4.** | Boiler, gas premix burner in stainless steel with a surface in woven metallic fibres, modulating from 18 to 100% of output. | | **Note 5.** | Manufacturer to be DeDietrich as supplied by **Hevac Ltd**., Muirfield Drive, Naas Road, Dublin 12. Tel. 01-419 1919. Contact - David Doherty | |  | | | | |