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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:**

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| **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 |
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