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| **BOILER SPECIFICATION**  |
| **Equipment:** BOILERS **Supplier:** HEVAC Ltd. |
| **General Description of Equipment offered for SPECIFICATION /Approval:*** BOILER SPECIFICATION
 |
| **Drawing: Dims. as per drawing below.** | **Drawing Ref: N/A** |

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|  **DOCUMENTATION ISSUED:**

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| **SPECIFICATION** | **DEDIETRICH FLOOR WALL HUNG GAS CONDENSING BOILER** |
| **TYPE** | INNOVENS PRO  |
| **REF.**  | MCA 160 |
| **NOMINAL OUTPUT @ 50/30°C** | 161.5kW |
| **Full load central heating efficiency (Hi) (80/60°C) (92/42/EEC)** | 97.5 % |
| **Full load central heating efficiency (Hi) (50°C/30°C) (EN15502)** | 103.6% |
| **Low load central heating efficiency (Hi) (return temperature 60°C)** | 98.4 % |
| **Part load central heating efficiency (92/42/EEC)****(return temperature 30°C)** | 108.5 % |
| **NOX annual emissions G20 (H-gas) (EN 15502: O2 = 0%)** | 39 Mg/kWh |
| **NOMINALWATER FLOW RATE @ ΔT = 20K** | 1.82 l/s |
| **MIN. NECESSARY WATER FLOW** | 0.4 m3/h |
| **MIN. /MAX NOMINAL OUTPUT @ 50/30°C** | 34.6/161.5 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 31.5/152.9 kW |
| **MIN. /MAX GAS FLOW – NAT. GAS**  | 3.4-16.5 m3/hr |
| **MIN. /MAX GAS FLOW – PROPANE** | 1.4 – 6.3 m3/hr |
| **MIN / MAX FLUE GAS MASS FLOW RATE** | 57 / 277 kg/h |
| **PRESSURE AVAILABLE AT BOILER OUTLET** | 200Pa |
| **WATER CONTENT** | 17 L |
| **NET WEIGHT** | 147kg |
| **Triple E No. (ACA)** | Currently being processed  |
| **Note 1.** | Boiler to be wall hung gas condensing  |
| **Note 2.** | Useful efficiency at 30 % of rated heat output 97.2% GCVaccording to commission regulation (EU) n° 813/23013 |
| **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.** | Boiler fan to be fitted with air intake silencer. |
| **Note 6.** | Boiler t obe supplied with MK2 or MK3 controller  |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. Tel. 01-419 1919 |
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