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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 03.01.17 | **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** |
| **DOCUMENTATION ISSUED:**

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| **SPECIFICATION** | **DEDIETRICH FLOOR WALL HUNG GAS CONDENSING BOILER** |
| **TYPE** | INNOVENS PRO  |
| **REF.**  | MCA45 |
| **NOMINAL OUTPUT @ 50/30°C**  | 43kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 99.1% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 110.6% |
| **WATER FLOW RATE @ ΔT = 20K** | 1.72 m3/h |
| **MIN. NECESSARY WATER FLOW** | 0.4 m3/h |   |
| **MIN. /MAX NOMINAL OUTPUT @ 50/30°C** | 8.9-43 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 8-40.8 kW |
| **GAS FLOW – NAT. GAS** | 4.4 m3/hr |
| **GAS FLOW – PROPANE** | 1.7m3/hr  |
| **MIN / MAX FLUE GAS MASS FLOW RATE** | 14/69 kg/h |
| **FLUE GAS PRESSURE AVAILABLE** | 150Pa |
| **WATER CONTENT** | 5.5 L |
| **NET WEIGHT** | 53kg |
| **Triple E No. (ACA)** | HWG66561  |
| **Energy Efficiency Class in heating** | A |
| **Note 1.** | Boiler to be wall hung gas condensing  |
| **Note 2.** | Boiler annual efficiency up to 110% |
| **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.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. Tel. 01-419 1919 |
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| **Drawing: Dims. as per drawing below.** | **Drawing Ref: N/A** |
| **DOCUMENTATION ISSUED:**

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| **SPECIFICATION** | **DEDIETRICH FLOOR WALL HUNG GAS CONDENSING BOILER** |
| **TYPE** | INNOVENS PRO |
| **REF.**  | MCA 65 |
| **NOMINAL OUTPUT @ 50/30°C** | 65kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 99.2% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 110.4% |
| **NOMINALWATER FLOW RATE @ ΔT = 20K** | 2.62 m3/h |
| **MIN. NECESSARY WATER FLOW** | 0.4 m3/h |
| **MIN. /MAX NOMINAL OUTPUT @ 50/30°C** | 13.3/65 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 12/61.5 kW |
| **GAS FLOW – NAT. GAS** | 6.6 m3/hr |
| **GAS FLOW – PROPANE** | 2.5 m3/hr |
| **MIN / MAX FLUE GAS MASS FLOW RATE** | 21 / 104 kg/h |
| **PRESSURE AVAILABLE AT BOILER OUTLET** | 100Pa |
| **WATER CONTENT** | 6.5 L |
| **NET WEIGHT** | 60kg |
| **Triple E No. (ACA)** | HWG66563 |
| **Energy Efficiency Class in heating** | A |
| **Note 1.** | Boiler to be wall hung gas condensing  |
| **Note 2.** | Boiler annual efficiency of up to 110% |
| **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.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. Tel. 01-419 1919 |
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| **Ref:** TS 001 Issue Date: 03.01.17 | **Equipment:** BOILERS **Supplier:** HEVAC Ltd. |
| **General Description of Equipment offered for SPECIFICATION /Approval:*** BOILER SPECIFICATION
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| **Drawing: Dims. as per drawing below.** | **Drawing Ref: N/A** |
| **DOCUMENTATION ISSUED:**

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| **SPECIFICATION** | **DEDIETRICH FLOOR WALL HUNG GAS CONDENSING BOILER** |
| **TYPE** | INNOVENS PRO  |
| **REF.**  | MCA 90 |
| **NOMINAL OUTPUT @ 50/30°C** | 15.8-89.5kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 97.9% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 108.1% |
| **NOMINALWATER FLOW RATE @ ΔT = 20K** | 3.62 m3/h |
| **MIN. NECESSARY WATER FLOW** | 123W |
| **MIN. /MAX NOMINAL OUTPUT @ 50/30°C** | 75% |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 15.8-89.5 kW |
| **GAS FLOW – NAT. GAS** | 9.1 m3/hr |
| **GAS FLOW – PROPANE** | 3.5m3/hr  |
| **MIN / MAX FLUE GAS MASS FLOW RATE** | 28/138 kg/h |
| **PRESSURE AVAILABLE AT BOILER OUTLET** | 160Pa |
| **WATER CONTENT** | 7.5 L |
| **NET WEIGHT** | 68kg |
| **Triple E No. (ACA)** | HWG66562 |
| **Note 1.** | Boiler to be wall hung gas condensing  |
| **Note 2.** | Useful efficiency at 30 % of rated heat output 97.4% 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.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. Tel. 01-419 1919 |
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| **Drawing: Dims. as per drawing below.** | **Drawing Ref: N/A** |
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| **SPECIFICATION** | **DEDIETRICH FLOOR WALL HUNG GAS CONDENSING BOILER** |
| **TYPE** | INNOVENS PRO  |
| **REF.**  | MCA 115 |
| **NOMINAL OUTPUT @ 50/30°C** | 114kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 97.1% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 108% |
| **NOMINALWATER FLOW RATE @ ΔT = 20K** | 4.6 m3/h |
| **MIN. NECESSARY WATER FLOW** | 0.4 m3/h |
| **MIN. /MAX NOMINAL OUTPUT @ 50/30°C** | 18.4/114 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 16.6/107 kW |
| **GAS FLOW – NAT. GAS** | 11.7 m3/hr |
| **GAS FLOW – PROPANE** | 4.7 m3/hr |
| **MIN / MAX FLUE GAS MASS FLOW RATE** | 36 / 178 kg/h |
| **PRESSURE AVAILABLE AT BOILER OUTLET** | 220Pa |
| **WATER CONTENT** | 7.5 L |
| **NET WEIGHT** | 69kg |
| **Triple E No. (ACA)** | HWG66564 |
| **Note 1.** | Boiler to be wall hung gas condensing  |
| **Note 2.** | Useful efficiency at 30 % of rated heat output 97.3% 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.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. Tel. 01-419 1919 |
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