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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:**   |  |  | | --- | --- | | **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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| **DOCUMENTATION ISSUED:**   |  |  | | --- | --- | | **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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| **DOCUMENTATION ISSUED:**   |  |  | | --- | --- | | **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% GCV  according 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 | |  | | | | |