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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 20.08.10 | **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 STANDING GAS CONDENSING BOILER – Propane/ Nat. Gas** |
| **TYPE** | C230 ECO 85 |
| **REF.**  | 100010393 |
| **NOMINAL OUTPUT @ 50/30°C** | 18-93kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 97.4% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 104.3% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 107.9% |
| **WATER FLOW RATE @ ΔT = 20K** | 3.73 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 230W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 18 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 16/87 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 165mbar |
| **GAS FLOW – NAT. GAS** | 1.8 – 9.4 m3/hr |
| **GAS FLOW – PROPANE** | 1.94 – 6.91 kg/h |
| **FLUE GAS MASS FLOW RATE** | 27.2 – 149.7 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 43°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 12 L |
| **MIN. WATER FLOW (OPERATION > 75°C)** | 1.12m3/h |
| **FLOOR AREA** | <0.54 m2 |
| **NET WEIGHT** | 115kg |
| **Note 1.** | Boiler to be floor standing gas condensing  |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be fitted & tested in factory  |
| **Note 4.** | Heat Exchanger to be cast aluminium/silicum sections |
| **Note 5.** | Burner to be of premixing type modulation from 20 to 100% |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Rd., Dublin 12. Tel. 01 – 419 1919 . |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 20.08.10 | **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 STANDING GAS CONDENSING BOILER – Propane/ Nat. Gas** |
| **TYPE** | C230- ECO 130 |
| **REF.**  | 100010393 |
| **NOMINAL OUTPUT @ 50/30°C** | 129W |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 97.5% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 104.7% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 108.1% |
| **WATER FLOW RATE @ ΔT = 20K** | 5.16 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 257W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 24 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 22/120 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 135mbar |
| **GAS FLOW – NAT. GAS** | 2.4-13.0 m3/hr |
| **GAS FLOW – PROPANE** | 1.94-9.56 kg/h |
| **FLUE GAS MASS FLOW RATE** | 36.7-206.9 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 43°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** |  16L |
| **MIN. WATER FLOW (OPERATION > 75°C)** | 1.49m3/h |
| **FLOOR AREA** | <0.54 m2 |
| **NET WEIGHT** | 135kg |
| **Note 1.** | Boiler to be floor standing gas condensing  |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be fitted & tested in factory  |
| **Note 4.** | Heat Exchanger to be cast aluminium/silicum sections |
| **Note 5.** | Burner to be of premixing type modulation from 20 to 100% |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Rd., Dublin 12. Tel. 01 – 419 1919 . |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 20.10.13 | **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 STANDING GAS CONDENSING BOILER – Propane/ Nat. Gas** |
| **TYPE** | C230 ECO 170 |
| **REF.**  | 100010393 |
| **NOMINAL OUTPUT @ 50/30°C** | 179kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 97.5% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 105.2% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 108.3% |
| **WATER FLOW RATE @ ΔT = 20K** | 7.14m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 276W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 33kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 29/166 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 170mbar |
| **GAS FLOW – NAT. GAS** | 3.3 – 18 m3/hr |
| **GAS FLOW – PROPANE** | 3.42 – 13.21 kg/h |
| **FLUE GAS MASS FLOW RATE** | 49.5 – 286 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 43°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 20 L |
| **MIN. WATER FLOW (OPERATION > 75°C)** | 2.14m3/h |
| **FLOOR AREA** | <0.54 m2 |
| **NET WEIGHT** | 165kg |
| **Note 1.** | Boiler to be floor standing gas condensing  |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be fitted & tested in factory  |
| **Note 4.** | Heat Exchanger to be cast aluminium/silicum sections |
| **Note 5.** | Burner to be of premixing type modulation from 20 to 100% |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Rd., Dublin 12. Tel. 01 – 419 1919 . |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 15.01.14 | **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 STANDING GAS CONDENSING BOILER – Propane/ Nat. Gas** |
| **TYPE** | C230 ECO 210 |
| **REF.**  | 100010393 |
| **NOMINAL OUTPUT @ 50/30°C** | 217kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 97.6% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 105.7% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 108.4% |
| **WATER FLOW RATE @ ΔT = 20K** | 8.17m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 288W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 44kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 39-200 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 180mbar |
| **GAS FLOW – NAT. GAS** | 4.3-21.7m3/hr |
| **GAS FLOW – PROPANE** | 3.19-15.93 kg/h |
| **FLUE GAS MASS FLOW RATE** | 65.5-344.9 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 43°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 24 L |
| **MIN. WATER FLOW (OPERATION > 75°C)** | 2.59m3/h |
| **FLOOR AREA** | <0.54 m2 |
| **NET WEIGHT** | 188kg |
| **Note 1.** | Boiler to be floor standing gas condensing  |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be fitted & tested in factory  |
| **Note 4.** | Heat Exchanger to be cast aluminium/silicum sections |
| **Note 5.** | Burner to be of premixing type modulation from 20 to 100% |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Rd., Dublin 12. Tel. 01 – 419 1919 . |
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