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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 01.03.13 | **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 – Nat. Gas** |
| **TYPE** | C330 - ECO280 |
| **REF.**  | 100002414 |
| **NOMINAL OUTPUT @ 50/30°C** | 279 kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.0% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 104.8% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 109.0% |
| **WATER FLOW RATE @ ΔT = 20K** | 11.3 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 464W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 56 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 51/261 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 113mbar |
| **GAS FLOW – NAT. GAS** | 28.1 m3/hr |
| **FLUE GAS MASS FLOW RATE** | 448 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 41°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 49 L |
| **MIN. WATER FLOW**  | 3.4 |
| **FLOOR AREA** | 1.31 m2 |
| **NET WEIGHT** | 364kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 20 to 100%. |
| **Note 5.** | Boiler to be provided with castors for easy installation in boiler room. |
| **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: 16.05.13 | **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 – Nat. Gas** |
| **TYPE** | C330- ECO350 |
| **REF.**  | 100002422 |
| **NOMINAL OUTPUT @ 50/30°C** | 350 kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.1% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 105.2% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 109% |
| **WATER FLOW RATE @ ΔT = 20K** | 14.2 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 479W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 71 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 65-327 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 110mbar |
| **GAS FLOW – NAT. GAS** | 35.2 m3/hr |
| **FLUE GAS MASS FLOW RATE** | 560 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 80°C |
| **FLUE GAS PRESSURE AVAILABLE** | 120Pa |
| **WATER CONTENT** | 60 L |
| **MIN. WATER FLOW**  | none |
| **FLOOR AREA** | 1.31 m2 |
| **NET WEIGHT** | 398kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 20 to 100%. |
| **Note 5.** | Boiler to be provided with castors for easy installation in boiler room. |
| **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: 01.03.13 | **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 – Nat. Gas** |
| **TYPE** | C330- ECO430 |
| **REF.**  | 100019551 |
| **NOMINAL OUTPUT @ 50/30°C** | 425kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.2% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 105.6% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 108.6% |
| **WATER FLOW RATE @ ΔT = 20K** | 17 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 493W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 84 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 79/395 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 120mbar |
| **GAS FLOW – NAT. GAS** | 42.5 m3/hr |
| **FLUE GAS MASS FLOW RATE** | 676kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 80°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 71 L |
| **MIN. WATER FLOW**  | 5.1m3/h |
| **FLOOR AREA** | 1.31 m2 |
| **NET WEIGHT** | 433kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 20 to 100%. |
| **Note 5.** | Boiler to be provided with castors for easy installation in boiler room. |
| **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: 01.03.13 | **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 – Nat. Gas** |
| **TYPE** | C330- ECO500 |
| **REF.**  | 100019551 |
| **NOMINAL OUTPUT @ 50/30°C** | 497kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.3% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 106.0% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 108.3% |
| **WATER FLOW RATE @ ΔT = 20K** | 19.9 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 508W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** |  98kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** |  92/461kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 110mbar |
| **GAS FLOW – NAT. GAS** | 49.6 m3/hr |
| **FLUE GAS MASS FLOW RATE** | 789kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 80°C |
| **FLUE GAS PRESSURE AVAILABLE** | 150Pa |
| **WATER CONTENT** | 82 L |
| **MIN. WATER FLOW**  | 5.9m3/h |
| **FLOOR AREA** | 1.52 m2 |
| **NET WEIGHT** | 495kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 20 to 100%. |
| **Note 5.** | Boiler to be provided with castors for easy installation in boiler room. |
| **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: 01.03.13 | **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 – Nat. Gas** |
| **TYPE** | C330- ECO570 |
| **REF.**  | 10009553 |
| **NOMINAL OUTPUT @ 50/30°C** | 574kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.4% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 106.4% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 107.9% |
| **WATER FLOW RATE @ ΔT = 20K** | 22.7 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 522W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 113kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 106/530kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 125mbar |
| **GAS FLOW – NAT. GAS** | 57.0m3/hr |
| **FLUE GAS MASS FLOW RATE** | 907kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 80°C |
| **FLUE GAS PRESSURE AVAILABLE** | 150Pa |
| **WATER CONTENT** | 93L |
| **MIN. WATER FLOW**  | 6.8m3/h |
| **FLOOR AREA** | 1.53m2 |
| **NET WEIGHT** | 531kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 20 to 100%. |
| **Note 5.** | Boiler to be provided with castors for easy installation in boiler room. |
| **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: 01.03.13 | **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 – Nat. Gas** |
| **TYPE** | C330- ECO650 |
| **REF.**  | 100019555 |
| **NOMINAL OUTPUT @ 50/30°C** | 651W |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.5% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 106.8% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 107.6% |
| **WATER FLOW RATE @ ΔT = 20K** | 25.9m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 537W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 127kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 119/601kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 130mbar |
| **GAS FLOW – NAT. GAS** | 64.6m3/hr |
| **FLUE GAS MASS FLOW RATE** | 1026kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 80°C |
| **FLUE GAS PRESSURE AVAILABLE** | 150Pa |
| **WATER CONTENT** | 104L |
| **MIN. WATER FLOW**  | 7.8M3/h |
| **FLOOR AREA** | 1.53m2 |
| **NET WEIGHT** | 568kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 20 to 100%. |
| **Note 5.** | Boiler to be provided with castors for easy installation in boiler room. |
| **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: 06.03.13 | **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 – Nat. Gas** |
| **TYPE** | C630- ECO560 |
| **REF.**  | 100002438 |
| **NOMINAL OUTPUT @ 50/30°C** | 558kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.0% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 104.8% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 109.0% |
| **WATER FLOW RATE @ ΔT = 20K** | 22.5 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 928W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 74 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 69-522 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 113mbar |
| **GAS FLOW – NAT. GAS** | 56.2 m3/hr |
| **FLUE GAS MASS FLOW RATE** | 896kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 80°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 98 L |
| **MIN. WATER FLOW**  | None |
| **FLOOR AREA** | 2.68m2 |
| **NET WEIGHT** | 707kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 15 to 100%. |
| **Note 5.** | Boiler to be delivered in 2 units fully assembled and tested in factory. |
| **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: 06.03.13 | **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 – Nat. Gas** |
| **TYPE** | C630- ECO700 |
| **REF.**  | 100002438 |
| **NOMINAL OUTPUT @ 50/30°C** | 700kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.1% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 105.2% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 109.0% |
| **WATER FLOW RATE @ ΔT = 20K** | 28.9 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 1120W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 94 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 87/654 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 108mbar |
| **GAS FLOW – NAT. GAS** | 70.5 m3/hr |
| **FLUE GAS MASS FLOW RATE** | 1120 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 42°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 120 L |
| **MIN. WATER FLOW**  | None |
| **FLOOR AREA** | 2.468m2 |
| **NET WEIGHT** | 771kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 15 to 100%. |
| **Note 5.** | Boiler to be delivered in 2 units fully assembled and tested in factory. |
| **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: 06.03.13 | **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 – Nat. Gas** |
| **TYPE** | C630- ECO860 |
| **REF.**  | 100002438 |
| **NOMINAL OUTPUT @ 50/30°C** | 850kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.2% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 105.6% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 108.6% |
| **WATER FLOW RATE @ ΔT = 20K** | 34.1 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 986W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 131 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 123-790 kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 120mbar |
| **GAS FLOW – NAT. GAS** | 85 m3/hr |
| **FLUE GAS MASS FLOW RATE** | 1352 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 80°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 142 L |
| **MIN. WATER FLOW**  | 10.2m3/h |
| **FLOOR AREA** | 2.68 m2 |
| **NET WEIGHT** | 837kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 15 to 100%. |
| **Note 5.** | Boiler to be delivered in 2 units fully assembled and tested in factory. |
| **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: 06.03.13 | **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 – Nat. Gas** |
| **TYPE** | C630- ECO1000 |
| **REF.**  | 100002438 |
| **NOMINAL OUTPUT @ 50/30°C** | 994kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.3% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 106.0% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 108.3% |
| **WATER FLOW RATE @ ΔT = 20K** | 39.7 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 1016W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 130 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 122-922kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 110mbar |
| **GAS FLOW – NAT. GAS** | 114 m3/hr |
| **FLUE GAS MASS FLOW RATE** | 1578 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 80°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 164L |
| **MIN. WATER FLOW**  | 3.13m3/hr |
| **FLOOR AREA** | 3.13 m2 |
| **NET WEIGHT** | 957kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 15 to 100%. |
| **Note 5.** | Boiler to be delivered in 2 units fully assembled and tested in factory. |
| **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: 06.03.13 | **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 – Nat. Gas** |
| **TYPE** | C630- ECO1140 |
| **REF.**  | 100002438 |
| **NOMINAL OUTPUT @ 50/30°C** | 1148kW |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.4% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 106.4% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 109.5% |
| **WATER FLOW RATE @ ΔT = 20K** | 45.4 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 1380W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 156 kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 148-1062kWkW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 123mbar |
| **GAS FLOW – NAT. GAS** | 114 m3/hr |
| **FLUE GAS MASS FLOW RATE** | 1814 kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 45°C |
| **FLUE GAS PRESSURE AVAILABLE** | 130Pa |
| **WATER CONTENT** | 186L |
| **MIN. WATER FLOW**  | None |
| **FLOOR AREA** | 2.8 m2 |
| **NET WEIGHT** | 1125kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 15 to 100%. |
| **Note 5.** | Boiler to be delivered in 2 units fully assembled and tested in factory. |
| **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: 06.03.13 | **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 – Nat. Gas** |
| **TYPE** | C630- ECO1300 |
| **REF.**  | 100002438 |
| **NOMINAL OUTPUT @ 50/30°C** | 1303 |
| **EFFECIENCY @ 100% @ AVG TEMP 70°C** | 98.5% |
| **EFFECIENCY @ 100% @ RTN TEMP 30°C** | 106.8% |
| **EFFECIENCY @ 30% @ RTN TEMP 30°C** | 107.8% |
| **WATER FLOW RATE @ ΔT = 20K** | 51.8 m3/h |
| **STANDBY LOSSES @ ΔT = 30K** | 1074W |
| **% LOSSES THROUGH WALLS** | 75% |
| **MIN. NOMINAL OUTPUT @ 50/30°C** | 165kW |
| **MIN. /MAX NOMINAL OUTPUT @ 80/60°C** | 158/1202kW |
| **WATER RESISTANCE @ ΔT = 20K AT 80/60°C** | 130mbar |
| **GAS FLOW – NAT. GAS** | 129.2m3/hr |
| **FLUE GAS MASS FLOW RATE** | 2025kg/h |
| **MAX FLUE GAS TEMP. @ 40/30°C** | 80°C |
| **FLUE GAS PRESSURE AVAILABLE** | 150Pa |
| **WATER CONTENT** | 208L |
| **MIN. WATER FLOW**  | 15.6 |
| **FLOOR AREA** | 3.13m2 |
| **NET WEIGHT** | 1095kg |
| **Note 1.** | Boiler to be floor standing gas condensing , double body |
| **Note 2.** | Boiler annual efficiency of up to 109% |
| **Note 3.** | Boiler to be Low pollutant emissions; NOx < 60 mg/kWh, CO < 20mg/kWh  |
| **Note 4.** | Burner to be premixing modulating from 15 to 100%. |
| **Note 5.** | Boiler to be delivered in 2 units fully assembled and tested in factory. |
| **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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