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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT334 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 70-105 kW |
| **WATER CONTENT** | 96L |
| **WATER RESISTANCE @ Δt = 20K** | 3.5mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C - 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 613mm |
| **COMBUSTION CHAMBER – Volume** | 0.096 m3 |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 178kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 187 kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 0.3mbar |
| **NET WEIGHT** | 612kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT335 |
| **REF.**  | 100004538 |
| **USEFUL OUTPUT** |  105-140kW |
| **WATER CONTENT** |  116L |
| **WATER RESISTANCE @ Δt = 20K** | 6.2mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** |  6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 718mm |
| **COMBUSTION CHAMBER – Volume** |  0.122m3 |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 238kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** |  250kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 0.6mbar |
| **NET WEIGHT** | 736kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT336 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 140-180 kW |
| **WATER CONTENT** | 136L |
| **WATER RESISTANCE @ Δt = 20K** | 11.5 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 854mm |
| **COMBUSTION CHAMBER – Volume** |  0.148m3 |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 306 kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 321 kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 1.1 mbar |
| **NET WEIGHT** | 846 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT337 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 180-230 kW |
| **WATER CONTENT** | 156L |
| **WATER RESISTANCE @ Δt = 20K** | 16.9 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** |  6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 993mm |
| **COMBUSTION CHAMBER – Volume** | 0.174mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 391 kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 410 kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 1.6 mbar |
| **NET WEIGHT** | 981 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT338 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 230-280 kW |
| **WATER CONTENT** | 176L |
| **WATER RESISTANCE @ Δt = 20K** | 25.0 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** |  6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1177Mm |
| **COMBUSTION CHAMBER – Volume** | 0.200Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** |  475kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** |  499kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.2 mbar |
| **NET WEIGHT** | 1103 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT339 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** |  280-330kW |
| **WATER CONTENT** | 196L |
| **WATER RESISTANCE @ Δt = 20K** | 36.0 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1183Mm |
| **COMBUSTION CHAMBER – Volume** | 0.310Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 560 kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 588kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.5 mbar |
| **NET WEIGHT** | 1230 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive,Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT430-8 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** |  300-390 KW |
| **WATER CONTENT** | 366 |
| **WATER RESISTANCE @ Δt = 20K** | 9.5 mbar |
| **MIN FLOW TEMP** | 40°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 40°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1183Mm |
| **COMBUSTION CHAMBER – Volume** | 0.310Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 650kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 700kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 1.1 mbar |
| **NET WEIGHT** | 1802 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT430-9 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 390-450 kW |
| **WATER CONTENT** | 409L |
| **WATER RESISTANCE @ Δt = 20K** | 13.5 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1343Mm |
| **COMBUSTION CHAMBER – Volume** | 0.354Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 750kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 810kg/h |
| **COMBUSTION CHAMBER PRESSURE** |  1.5mbar |
| **NET WEIGHT** |  2072kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT430-10 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 450-540 kW |
| **WATER CONTENT** | 452L |
| **WATER RESISTANCE @ Δt = 20K** | 22.5 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1503Mm |
| **COMBUSTION CHAMBER – Volume** | 0.396Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 900kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 972kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2 mbar |
| **NET WEIGHT** | 2238 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT 430-11 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 540-600 kW |
| **WATER CONTENT** | 495L |
| **WATER RESISTANCE @ Δt = 20K** | 27.0 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1663Mm |
| **COMBUSTION CHAMBER – Volume** | 0.439Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1000kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1080kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.5 mbar |
| **NET WEIGHT** | 2454 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT 430-12 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 600-670 kW |
| **WATER CONTENT** | 538L |
| **WATER RESISTANCE @ Δt = 20K** | 33.5 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1823Mm |
| **COMBUSTION CHAMBER – Volume** | 0.481Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1116kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1207kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.5 mbar |
| **NET WEIGHT** | 2638 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT 430-13 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** |  670-720kW |
| **WATER CONTENT** | 581L |
| **WATER RESISTANCE @ Δt = 20K** | 40.0 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1983Mm |
| **COMBUSTION CHAMBER – Volume** | 0.523Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1200kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1297kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.5 mbar |
| **NET WEIGHT** | 2880 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT430-14 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 720-780 kW |
| **WATER CONTENT** | 624L |
| **WATER RESISTANCE @ Δt = 20K** | 54.0 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 2143Mm |
| **COMBUSTION CHAMBER – Volume** | 0.565Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1405kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1450kg/h |
| **COMBUSTION CHAMBER PRESSURE** |  3.5mbar |
| **NET WEIGHT** | 3057 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-7 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 348-406 kW |
| **WATER CONTENT** | 389L |
| **WATER RESISTANCE @ Δt = 20K** | 4.2 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 706Mm |
| **COMBUSTION CHAMBER – Volume** | 0.28Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 620kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 650kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 1.7 mbar |
| **NET WEIGHT** | 1852 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-8 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 406-464 kW |
| **WATER CONTENT** | 427L |
| **WATER RESISTANCE @ Δt = 20K** | 5.5 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 817Mm |
| **COMBUSTION CHAMBER – Volume** | 0.32Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 700kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 730kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 1.75 mbar |
| **NET WEIGHT** | 2046 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-9 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** |  464-522kW |
| **WATER CONTENT** | 465L |
| **WATER RESISTANCE @ Δt = 20K** | 7.1 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 928Mm |
| **COMBUSTION CHAMBER – Volume** | 0.36Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 770kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 810kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 1.8 mbar |
| **NET WEIGHT** | 2237 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-10 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 522-580 kW |
| **WATER CONTENT** | 503L |
| **WATER RESISTANCE @ Δt = 20K** | 8.7 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1039Mm |
| **COMBUSTION CHAMBER – Volume** | 0.40Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 850kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 890kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 1.9 mbar |
| **NET WEIGHT** | 2412 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-11 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 580-638 kW |
| **WATER CONTENT** | 541L |
| **WATER RESISTANCE @ Δt = 20K** | 10.5 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1150Mm |
| **COMBUSTION CHAMBER – Volume** | 0.45Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 920kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 970kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.0 mbar |
| **NET WEIGHT** | 2601 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-12 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 638-696 kW |
| **WATER CONTENT** | 579L |
| **WATER RESISTANCE @ Δt = 20K** | 12.5 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1261Mm |
| **COMBUSTION CHAMBER – Volume** | 0.49Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1000kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1040kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.1 mbar |
| **NET WEIGHT** | 2810 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-13 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 696-754 kW |
| **WATER CONTENT** | 617L |
| **WATER RESISTANCE @ Δt = 20K** | 14.4 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1372Mm |
| **COMBUSTION CHAMBER – Volume** | 0.53Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1070kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1120kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.2 mbar |
| **NET WEIGHT** | 3000 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-14 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 752-812 kW |
| **WATER CONTENT** | 655L |
| **WATER RESISTANCE @ Δt = 20K** | 16.8 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1483Mm |
| **COMBUSTION CHAMBER – Volume** | 0.57Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1150kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1200kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.3 mbar |
| **NET WEIGHT** | 3171 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-15 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 812-870 kW |
| **WATER CONTENT** | 693L |
| **WATER RESISTANCE @ Δt = 20K** | 19.4 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1594Mm |
| **COMBUSTION CHAMBER – Volume** | 0.61Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1220kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1280kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.4 mbar |
| **NET WEIGHT** | 3364 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-16 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 870-928 kW |
| **WATER CONTENT** | 731L |
| **WATER RESISTANCE @ Δt = 20K** | 6.5 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1705Mm |
| **COMBUSTION CHAMBER – Volume** | 0.65Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1300kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1360kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.5 mbar |
| **NET WEIGHT** | 3561 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-17 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 928-986 kW |
| **WATER CONTENT** | 769L |
| **WATER RESISTANCE @ Δt = 20K** | 7.6 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1816Mm |
| **COMBUSTION CHAMBER – Volume** | 0.70Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1370kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1440kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.6 mbar |
| **NET WEIGHT** | 3756 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-18 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 986-1044 kW |
| **WATER CONTENT** | 807L |
| **WATER RESISTANCE @ Δt = 20K** | 9.0 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 1927Mm |
| **COMBUSTION CHAMBER – Volume** | 0.74Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1450kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1520kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.7 mbar |
| **NET WEIGHT** | 3955 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-19 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 1044-1102 kW |
| **WATER CONTENT** | 845L |
| **WATER RESISTANCE @ Δt = 20K** | 10.4 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 2038Mm |
| **COMBUSTION CHAMBER – Volume** | 0.78Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1520kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1590kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 2.85 mbar |
| **NET WEIGHT** | 4124 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-20 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 1102-1160 kW |
| **WATER CONTENT** | 905L |
| **WATER RESISTANCE @ Δt = 20K** | 12.0 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 2189Mm |
| **COMBUSTION CHAMBER – Volume** | 0.84Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1600kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1670kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 3.0 mbar |
| **NET WEIGHT** | 4343 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-21 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 1160-1218 kW |
| **WATER CONTENT** | 943L |
| **WATER RESISTANCE @ Δt = 20K** | 13.4 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 2300Mm |
| **COMBUSTION CHAMBER – Volume** | 0.88Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1670kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1750kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 3.1 mbar |
| **NET WEIGHT** | 4538 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT530-22 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 1218-1276 kW |
| **WATER CONTENT** | 981L |
| **WATER RESISTANCE @ Δt = 20K** | 14.8 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 2411Mm |
| **COMBUSTION CHAMBER – Volume** | 0.92Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1750kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1830kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 3.2 mbar |
| **NET WEIGHT** | 4734 Kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT 530-23 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 1276-1334 kW |
| **WATER CONTENT** | 1019L |
| **WATER RESISTANCE @ Δt = 20K** | 16.3 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 2522Mm |
| **COMBUSTION CHAMBER – Volume** | 0.96Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1820kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1910kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 3.4mbar |
| **NET WEIGHT** | 4930 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT 530-24 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 1334-1400 kW |
| **WATER CONTENT** | 1057L |
| **WATER RESISTANCE @ Δt = 20K** | 18.1 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 2633Mm |
| **COMBUSTION CHAMBER – Volume** | 1.00Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1900kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 1990kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 3.4mbar |
| **NET WEIGHT** | 5107 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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| **BOILER SPECIFICATION**  |
| **Ref:** TS 001 Issue Date: 19.12.13 | **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 CAST IRON BOILER – Oil / Gas** |
| **TYPE** | GT 530-25 |
| **REF.**  | 100004537 |
| **USEFUL OUTPUT** | 1400-1450 kW |
| **WATER CONTENT** | 1095L |
| **WATER RESISTANCE @ Δt = 20K** | 19.6 mbar |
| **MIN FLOW TEMP** | 30°C |
| **MIN RETURN TEMP** | 20°C |
| **MAX OPERATING TEMP** | 90°C |
| **MAX OPERATING PRESSURE** | 6 bar |
| **THERMOSTAT** | 30°C – 85°C adjustable |
| **SAFETY THERMOSTAT** | 110°C |
| **ANNUAL OPERATING EFFICIENCY** | 95.1% |
| **COMBUSTION CHAMBER – Depth** | 2744Mm |
| **COMBUSTION CHAMBER – Volume** | 1.05Mm |
| **FLUE GAS MASS FLOWRATE – Domestic fuel oil** | 1970kg/h |
| **FLUE GAS MASS FLOWRATE – Natural Gas** | 2070kg/h |
| **COMBUSTION CHAMBER PRESSURE** | 3.5 mbar |
| **NET WEIGHT** | 5297 kg |
| **Note 1.** | Boiler to have an annual operating efficiency up to 95.1%  |
| **Note 2.** | Min. flow temp. = 30°C |
| **Note 3.** | Boiler heating body elements to be eutectic cast iron  |
| **Note 4.** | Boiler to be 4 path flue way |
| **Note 5.** | Door to be hinged and reversible |
| **Note 6.** | Boiler to be supplied with reinforced insulation ensuring low stand by losses. |
| **Note 7.** | Manufacturer to be DeDietrich as supplied by Hevac Ltd., Muirfield Drive, Naas Road, Dublin 12. 01 – 419 1919. |
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