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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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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:**   |  |  | | --- | --- | | **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. | |  | | | | |