



BOSS™ 38CHKIT / 38HKIT - Heat Meter Kits

Data Sheet



General Description

BOSS Heat meter kits include a water meter (Multi-Jet or Woltmann) alongside a Heat Meter integrator including a pair of 1.5m temperature sensors and stainless steel pockets.

Features & Benefits

- EN1434, MID R80 (ISO4064 Class B) approved
- RHI approved
- IP54 protection rating
- Threaded and flanged versions available
- Pulsed versions as standard
- Temperature range up to 90°C

Technical Data

- | | |
|------------------------------------|--|
| • Temperature Range LTHW | 1°C to 90°C |
| • Temperature Range Chilled Water | 1°C to 30°C |
| • Ambient Temperature (Integrator) | 0°C to 55°C |
| • Integrator Enclosure Rating | IP54 |
| • Display | LCD 7-Segment |
| • Power Supply | Lithium battery – 7 year battery life |
| • Temperature Sensors | PT500, silicone covered 3 metre length |
| • Sensor Pockets | • (5 & 10 metre versions available) |
| • Integrator Dimensions | 15mm BSP male, stainless steel |
| • Pulse Output Value | 159mm x 100mm x 54mm |
| • Pulse Length | 1 pulse per 1 unit of display |
| | 0.5 second |

Approvals

- MID EN 1434 parts 1 to 6
- RHI Compliant

Standard Features

- Displays energy consumption in kWh
- Large 8 digit display
- Supplied with 3 metre PT500 flow/return sensors & 2 pockets (5 and 10 metres optional)
- Versions for heating and chilled water circuits
- Suitable for mechanical flow sensors
- 10 year lithium battery power supply
- Supplied with pulse output as standard
- 2 button system for easy access of functions/memory

***Note** – Please refer to the relevant data sheet for either the BOSS™ Multi-jet or BOSS™ Woltmann Water Meters.

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BOSS Heat meter integrator

IP54

LCD 7-Segment

Lithium battery – 7 year battery life PT500, silicone covered 3 metre length

- (5 & 10 metre versions available)
- 15mm BSP male, stainless steel
- 159mm x 100mm x 54mm
- 1 pulse per 1 unit of display
- 0.5 second

Optional power supply modules*

- 230VAC
- 24VAC

Optional output modules *

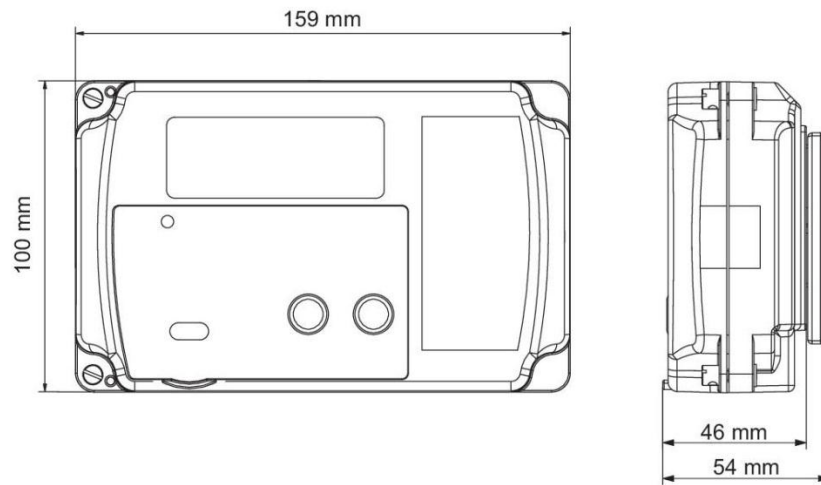
- Wired M-bus
- Wireless M-bus
- Modbus
- LonWorks
- Analogue 4-20mA or 0-10V

* Available upon request, contact BSS for more information

Component Codes

BSS Code	Description	Meter Type	Component 1 Integrator	Component 2 Water Meter
CHILLED WATER HEAT METERS				
38400952	25MM BOSS 38CHKIT HEAT METER KIT	Multi-jet (Cold 30°C)	38401334	38400439
38400963	32MM BOSS 38CHKIT HEAT METER KIT	Multi-jet (Cold 30°C)	38401334	38400450
38400974	40MM BOSS 38CHKIT HEAT METER KIT	Multi-jet (Cold 30°C)	38401334	38400461
38400985	50MM BOSS 38CHKIT HEAT METER KIT	Multi-jet (Cold 30°C)	38401345	38400472
38400996	50MM BOSS 38CHKIT HEAT METER KIT	Woltmann (Cold 30°C)	38401345	38400494
38401002	65MM BOSS 38CHKIT HEAT METER KIT	Woltmann (Cold 30°C)	38401345	38400502
38401013	80MM BOSS 38CHKIT HEAT METER KIT	Woltmann (Cold 30°C)	38401345	38400513
38401024	100MM BOSS 38CHKIT HEAT METER KIT	Woltmann (Cold 30°C)	38401345	38400524
38401035	125MM BOSS 38CHKIT HEAT METER KIT	Woltmann (Cold 30°C)	38401345	38400535
38401046	150MM BOSS 38CHKIT HEAT METER KIT	Woltmann (Cold 30°C)	38401356	38400546
38401057	200MM BOSS 38CHKIT HEAT METER KIT	Woltmann (Cold 30°C)	38401356	38400557
LTHW HEAT METER KITS				
38401068	25MM BOSS 38HKIT HEAT METER KIT	Multi-jet (Hot 90°C)	38400782	38400590
38401079	32MM BOSS 38HKIT HEAT METER KIT	Multi-jet (Hot 90°C)	38400782	38400609
38401090	40MM BOSS 38HKIT HEAT METER KIT	Multi-jet (Hot 90°C)	38400793	38400620
38401109	50MM BOSS 38HKIT HEAT METER KIT	Multi-jet (Hot 90°C)	38400793	38400631
38401120	50MM BOSS 38HKIT HEAT METER KIT	Woltmann (Hot 90°C)	38400793	38400653
38401131	65MM BOSS 38HKIT HEAT METER KIT	Woltmann (Hot 90°C)	38400793	38400664
38401142	80MM BOSS 38HKIT HEAT METER KIT	Woltmann (Hot 90°C)	38400793	38400675
38401153	100MM BOSS 38HKIT HEAT METER KIT	Woltmann (Hot 90°C)	38400793	38400686
38401164	125MM BOSS 38HKIT HEAT METER KIT	Woltmann (Hot 90°C)	38400793	38400697
38401175	150MM BOSS 38HKIT HEAT METER KIT	Woltmann (Hot 90°C)	38400801	38400705
38401186	200MM BOSS 38HKIT HEAT METER KIT	Woltmann (Hot 90°C)	38400801	38400716

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Heat Meter Integrator

Typical Installation

