

MKHET & MKHHT HEAT METERS

METRON

Metron MKHET & MKHHT Heat Meters totalise the consumption of energy in MTHW systems where water is the heating medium. A Metron heat meter consists of an Integrator Unit, a Flow meter, a pair of Flow and Return sensors and a pair of 1/2" bsp immersion pockets. The calibrated sensors (PT500) determine the flow and return temperatures, while the flow meter registers water volume, this data is calculated into Kwh consumption by the energy integrator. The integrator unit has a pulse output as standard to facilitate a B.M.S. interface.

Features

- Energy consumption displayed as Kwh
- Pulse output as standard (M-bus optional)
- Self calibrating
- Displays flow/return temperatures
- Non volatile memory organised to real time calendar
- EN 1434 parts 1 to 6
- EN 61107



Technical Data MKHET / MKHHT

Temperature range MKHET (system temperature):-	Up to 120c
Temperature range MKHHT(system temperature):-	Up to 130c
Ambient Temperature (integrator):-	0c to 55c
Integrator Enclosure rating:-	IP54
Display:-	LCD 7 Segment
Power supply	Lithium battery 7 year life
Humidity:-	30% to 90%
Temperature sensors:-	PT500, silicone covered 3mtr length
Sensor pockets:-	1/2" BSP male, chrome plated brass
Integrator dimensions:-	1100mm x 80mm x 60mm
Pulse output value:-	1 pulse per 1 unit of display
Pulse length:-	0.5 second



Technical Data Flow Meters

EEC 75/33 ISO 4064 Approved

Heat Meter Code	Size mm	Length	Flow Range m ³ /h			Connections	Weight kg
			Min	Nom	Max		
15MKHET	15	190	0.025	1.25	3	BSP Male	0.75
20MKHET	20	230	0.05	2.5	5	BSP Male	1
25MKHET	25	370	0.07	3.5	7	BSP Male	2.1
32MKHET	32	380	0.12	6.0	12	BSP Male	2.3
40MKHET	40	440	0.45	10	20	BSP Male	4.2
50MKHET	50	460	0.45	15	30	BSP Male	9.6
40MKHHT	40	200	0.45	10	20	BS4504 PN16	11.6
50MKHHT	50	200	0.45	10	30	BS4504 PN16	12.4
65MKHHT	65	200	0.75	25	50	BS4504 PN16	16.4
80MKHHT	80	225	1.2	40	80	BS4504 PN16	17
100MKHHT	100	250	1.8	60	120	BS4504 PN16	18
125MKHHT	125	250	3.0	100	200	BS4504 PN16	22
150MKHHT	150	300	4.5	150	300	BS4504 PN16	38
200MKHHT	200	350	7.5	200	500	BS4504 PN16	50.8

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