ALTAIR V4 HOT WATER



VOLUMETRIC METER



APPLICATION

ALTAIR V4 HOT WATER is the latest generation of volumetric meter designed to measure the consumption of domestic hot water.

Compact and robust, ALTAIR V4 HOT WATER is easy to install and perfectly suited for varying water qualities. It is also insensitive to magnetic fraud. Developed within the framework of the MID, it complies with the European regulations and holds sanitary conformity certificates.

Modular, ALTAIR V4 HOT WATER can be fitted at any time with an IZAR clipon module converting it into a communicating meter, ready for mobile reading (walk-by, drive-by, passive drive-by) or fixed network reading (radio/wired).

FEATURES

- ▶ DN15
- Q3=1.6 m³/h / Q3=2.5 m³/h
- MID approval up to R=400
- Starting flow rate: 1 l/h
- Water temperature from 30°C to 90°C
- Brass body
- Installation in any position



ALTAIR V4 HOT WATER

VOLUMETRIC METER

METROLOGICAL DATA

| Nominal diameter | DN | mm | 15 | 15 |
|--|--------------------------------|------|------|-------|
| Length | L | mm | 110 | 110 |
| Nominal flow rate | Q₃ | m³/h | 1.6 | 2.5 |
| R standard* | Q ₃ /Q ₁ | | 100 | 160 |
| Starting flow rate | | l/h | 1 | 1 |
| Minimum flow rate | Q_1 | l/h | 16 | 15.62 |
| Transition flow rate | Q ₂ | l/h | 25.6 | 25 |
| Maximum flow rate | Q ₄ | m³/h | 2 | 3.125 |
| Head loss at Q_3 | | bar | 0.22 | 0.54 |
| Head loss at Q4 | | bar | 0.34 | 0.85 |
| kvs (deltaP=Q ² /Kvs ²) | | | 3.38 | 3.38 |

* Other values on request

APPROVAL

| | ALTAIR V4 HOT WATER |
|---------------------|--------------------------------|
| MID approval | LNE-6250 Type A2 |
| Standards | EN 14154 ISO 4064 OIML R49 |
| Sanitary conformity | ACS WRAS |

REACH

Information pursuant to Article 33 (1) of Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006:

This product series contains articles with the following substances in a concentration of more than 0.1% weight by weight (w/w): - Lead

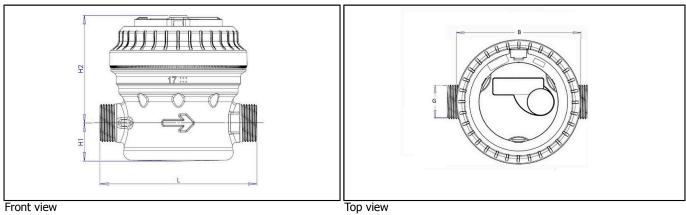
TEMPERATURES AND PRESSURE

| | | | ALTAIR V4 HOT WATER |
|-------------------------------|----|-----|---------------------|
| Water temperature | | °C | +30 +90 |
| Ambient operating temperature | | °C | +1 +55 |
| Storage temperature | | °C | -10 +55 |
| Nominal pressure | PN | bar | 16 |

ALTAIR V4 HOT WATER

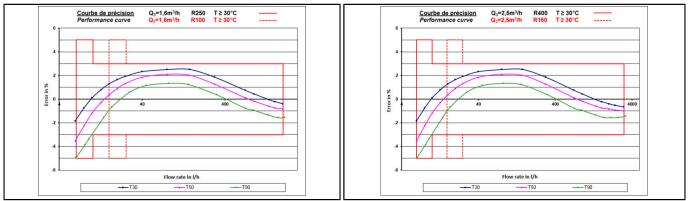
VOLUMETRIC METER

DIMENSIONS



| Nominal diameter | DN | mm | 15 | 15 |
|--------------------|----|------|-------|-------|
| Length | L | mm | 110 | 110 |
| Nominal flow rate | Q₃ | m³/h | 1.6 | 2.5 |
| Width | В | mm | 96.2 | 96.2 |
| Height | H2 | mm | 75.4 | 75.4 |
| Height | H1 | mm | 26.7 | 26.7 |
| Thread connections | G | inch | 3/4" | 3/4" |
| Body | | | brass | brass |
| Weight | | kg | 0.82 | 0.82 |

PRECISION CURVE



OPTIONS

- Pair of connectors

- Stainless steel pocket filter

