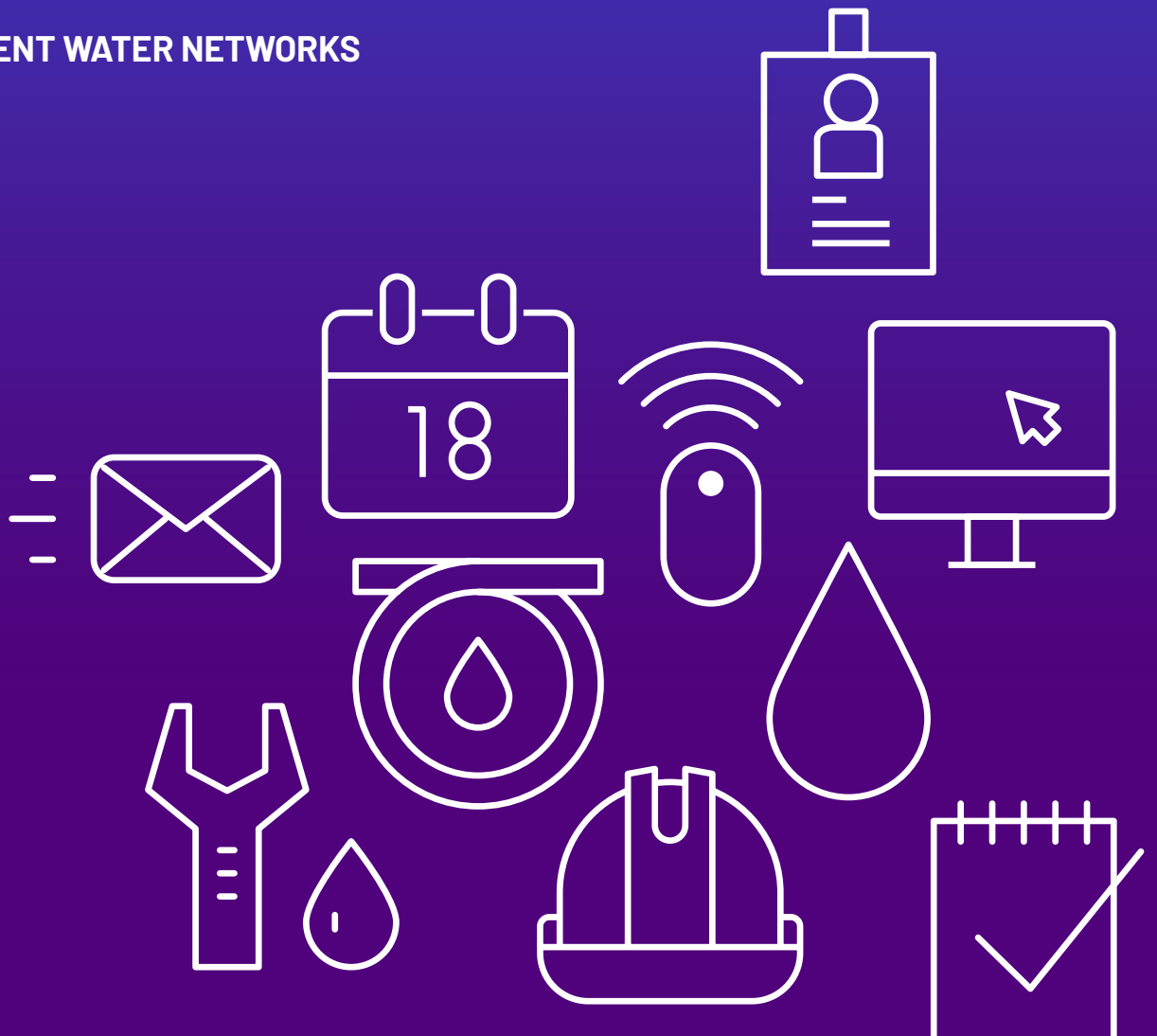




Water Meter Menu

INDEPENDENT WATER NETWORKS




Domestic Meter Options


Meter size: 15mm

Meter type: Diehl Altair

<https://www.diehl.com/metering/en/portfolio/water-metering/water-metering-product/altair-v4-dn15-20/63668/>

| DESCRIPTION | TYPE | SPECIFICATION | |
|--|--------|---------------------------|-------------------------|
| Altair V4 DN15  | Inline | Thread Size: | 0.75" |
| | | Starting flow rate: | 0.4 l/h |
| | | Minimum flow rate, Q1: | 15.62 l/h |
| | | Transition flow rate, Q2: | 25 l/h |
| | | Nominal flow rate, Q3: | 2.5 m ³ /h |
| | | Maximum flow rate, Q4: | 3.125 m ³ /h |
| | | Flow ratio, R(Q3/Q1): | 160 |
| | | Material: | Composite |
| | | WRAS Approved: | Yes |

<https://www.diehl.com/metering/en/portfolio/water-metering/water-metering-product/altair-v4-concentric/72560/>

| DESCRIPTION | TYPE | SPECIFICATION | |
|---|------------|--------------------------|-------------------------|
| Altair V4 Concentric  | Concentric | Thread Size | 1.5" |
| | | Starting flow rate | 0.4 l/h |
| | | Minimum flow rate, Q1 | 15.62 l/h |
| | | Transition flow rate, Q2 | 25 l/h |
| | | Nominal flow rate, Q3 | 2.5 m ³ /h |
| | | Maximum flow rate, Q4 | 3.125 m ³ /h |
| | | Flow ratio, R(Q3/Q1) | 160 |
| | | Material | Composite |
| | | WRAS Approved | Yes |

Non Domestic Meter Options

Meter size: 25mm - 40mm

Meter type: Diehl Altair

<https://www.diehl.com/metering/en/portfolio/water-metering/water-metering-product/altair-v4-dn25-32-40/70710/>



| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|--------|--------------------------|-------------------------|
| Altair 25mm | Inline | Thread size | 1.25" |
| | | Starting flow rate | 1 l/h |
| | | Minimum flow rate, Q1 | 39.375 l/h |
| | | Transition flow rate, Q2 | 63 l/h |
| | | Nominal flow rate, Q3 | 6.3 m ³ /h |
| | | Maximum flow rate, Q4 | 7.875 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 160 |
| | | Material | Brass |
| | | WRAS Approved | Yes |

| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|--------|--------------------------|-------------------------|
| Altair 32mm | Inline | Thread size | 1.5" |
| | | Starting flow rate | 1 l/h |
| | | Minimum flow rate, Q1 | 39.375 l/h |
| | | Transition flow rate, Q2 | 63 l/h |
| | | Nominal flow rate, Q3 | 6.3 m ³ /h |
| | | Maximum flow rate, Q4 | 7.875 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 160 |
| | | Material | Brass |
| | | WRAS Approved | Yes |



| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|--------|--------------------------|----------------------|
| Altair 40mm | Inline | Thread size | 2" |
| | | Starting flow rate | 4 l/h |
| | | Minimum flow rate, Q1 | 100 l/h |
| | | Transition flow rate, Q2 | 160 l/h |
| | | Nominal flow rate, Q3 | 16 m ³ /h |
| | | Maximum flow rate, Q4 | 20 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 160 |
| | | Material | Brass |
| | | WRAS Approved | Yes |

Meter size: 50mm – 200mm
Meter type: Diehl Hydrus 2.0 Bulk

<https://www.diehl.com/metering/en/portfolio/water-metering/water-metering-product/altair-v4-dn25-32-40/70710/>



| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|------------|--------------------------|---------------------------|
| Hydrus 50mm | Ultrasonic | Connection | Flanged |
| | | Starting flow rate | 0.015 m ³ /h |
| | | Minimum flow rate, Q1 | 0.03125 m ³ /h |
| | | Transition flow rate, Q2 | 0.05 m ³ /h |
| | | Nominal flow rate, Q3 | 25 m ³ /h |
| | | Maximum flow rate, Q4 | 31.25 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 800 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |

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| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|------------|--------------------------|-------------------------|
| Hydrus 65mm | Ultrasonic | Connection | Flanged |
| | | Starting flow rate | 0.027 m ³ /h |
| | | Minimum flow rate, Q1 | 0.05 m ³ /h |
| | | Transition flow rate, Q2 | 0.08 m ³ /h |
| | | Nominal flow rate, Q3 | 40 m ³ /h |
| | | Maximum flow rate, Q4 | 50 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 800 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |

| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|------------|--------------------------|---------------------------|
| Hydrus 80mm | Ultrasonic | Connection | Flanged |
| | | Starting flow rate | 0.035 m ³ /h |
| | | Minimum flow rate, Q1 | 0.07875 m ³ /h |
| | | Transition flow rate, Q2 | 0.126 m ³ /h |
| | | Nominal flow rate, Q3 | 63 m ³ /h |
| | | Maximum flow rate, Q4 | 78.75 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 800 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |

| DESCRIPTION | TYPE | SPECIFICATION | |
|--------------|------------|--------------------------|-------------------------|
| Hydrus 100mm | Ultrasonic | Connection | Flanged |
| | | Starting flow rate | 0.045 m ³ /h |
| | | Minimum flow rate, Q1 | 0.125 m ³ /h |
| | | Transition flow rate, Q2 | 0.2 m ³ /h |
| | | Nominal flow rate, Q3 | 100 m ³ /h |
| | | Maximum flow rate, Q4 | 125 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 800 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |



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| DESCRIPTION | TYPE | SPECIFICATION | |
|--------------|------------|--------------------------|------------------------|
| Hydrus 125mm | Ultrasonic | Connection | Flanged |
| | | Starting flow rate | 0.07 m ³ /h |
| | | Minimum flow rate, Q1 | 0.2 m ³ /h |
| | | Transition flow rate, Q2 | 0.32 m ³ /h |
| | | Nominal flow rate, Q3 | 160 m ³ /h |
| | | Maximum flow rate, Q4 | 200 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 800 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |

| DESCRIPTION | TYPE | SPECIFICATION | |
|--------------|------------|--------------------------|--------------------------|
| Hydrus 150mm | Ultrasonic | Connection | Flanged |
| | | Starting flow rate | 0.25 m ³ /h |
| | | Minimum flow rate, Q1 | 0.3125 m ³ /h |
| | | Transition flow rate, Q2 | 0.5 m ³ /h |
| | | Nominal flow rate, Q3 | 250 m ³ /h |
| | | Maximum flow rate, Q4 | 312.5 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 800 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |

| DESCRIPTION | TYPE | SPECIFICATION | |
|--------------|------------|--------------------------|-----------------------|
| Hydrus 200mm | Ultrasonic | Connection | Flanged |
| | | Starting flow rate | 0.4 m ³ /h |
| | | Minimum flow rate, Q1 | 0.5 m ³ /h |
| | | Transition flow rate, Q2 | 0.8 m ³ /h |
| | | Nominal flow rate, Q3 | 400 m ³ /h |
| | | Maximum flow rate, Q4 | 500 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 800 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |



Meter size: 50mm – 150mm

Meter type: Diehl Wesan WS G

<https://www.diehl.com/metering/en/portfolio/water-metering/water-metering-product/hydrus-2-0-bulk/469615/>



| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|---------|--------------------------|-------------------------|
| Wesan 50mm | Woltman | Connection | Flanged |
| | | Starting flow rate | 0.06 m ³ /h |
| | | Minimum flow rate, Q1 | 0.63 m ³ /h |
| | | Transition flow rate, Q2 | 1.0 m ³ /h |
| | | Nominal flow rate, Q3 | 25 m ³ /h |
| | | Maximum flow rate, Q4 | 31.25 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 40 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |

| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|---------|--------------------------|------------------------|
| Wesan 65mm | Woltman | Connection | Flanged |
| | | Starting flow rate | 0.06 m ³ /h |
| | | Minimum flow rate, Q1 | 1.0 m ³ /h |
| | | Transition flow rate, Q2 | 1.6 m ³ /h |
| | | Nominal flow rate, Q3 | 40 m ³ /h |
| | | Maximum flow rate, Q4 | 50 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 40 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |



| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|---------|--------------------------|-------------------------|
| Wesan 80mm | Woltman | Connection | Flanged |
| | | Starting flow rate | 0.09 m ³ /h |
| | | Minimum flow rate, Q1 | 1.58 m ³ /h |
| | | Transition flow rate, Q2 | 2.52 m ³ /h |
| | | Nominal flow rate, Q3 | 63 m ³ /h |
| | | Maximum flow rate, Q4 | 78.75 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 40 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |

| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|---------|--------------------------|------------------------|
| Wesan 100mm | Woltman | Connection | Flanged |
| | | Starting flow rate | 0.09 m ³ /h |
| | | Minimum flow rate, Q1 | 2.5 m ³ /h |
| | | Transition flow rate, Q2 | 4 m ³ /h |
| | | Nominal flow rate, Q3 | 100 m ³ /h |
| | | Maximum flow rate, Q4 | 125 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 40 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |

| DESCRIPTION | TYPE | SPECIFICATION | |
|-------------|---------|--------------------------|-------------------------|
| Wesan 150mm | Woltman | Connection | Flanged |
| | | Starting flow rate | 0.15 m ³ /h |
| | | Minimum flow rate, Q1 | 6.25 m ³ /h |
| | | Transition flow rate, Q2 | 10 m ³ /h |
| | | Nominal flow rate, Q3 | 250 m ³ /h |
| | | Maximum flow rate, Q4 | 312.5 m ³ /h |
| | | Flow ratio, R (Q3/Q1) | 40 |
| | | Material | Cast iron |
| | | WRAS Approved | Yes |

