# SCHULTEN TEST RIG – RESULTS SHEETS

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|---|---|---|---|
| Sample No: | T1/64421/1 **(2K-4010)** | Operator: | MAB |
| Date: | 26/1/21 | Job No: | N/A |

**1. Watertightness BS EN 13141-1:2019 Clause 7 *Performance testing of water tightness*.**

**1. Watertightness BS EN 1027:2016 (Method 1A)**

Water flow rate (l min-1) 6
Water temperature (°C) = 13.1 to 14.2
Ambient temperature (°C) = 18.5
Test chamber (°C) = 18.7
Room humidity (%) = 35
Atmos (mbar) = 1007
Water penetration as indicated:

| Time duration (mins) | Pressure (Pa) | Comments (Position and time of any leakage) |
|---|---|---|
| 2 | 10 | No visible leakage |
| 2 | 20 | No visible leakage |
| 2 | 50 | No visible leakage |
| 2 | 100 | No visible leakage |
| 2 | 150 | No visible leakage |

BS EN 13141-1 – 2019 Pressure limit of water tightness = 150Pa

**2. Watertightness BS 6375-1:2015+A1:2016 Clause 7 *Test for water tightness*.**

**2. Watertightness BS EN 1027:2016 (Method 1A)**

Water flow rate (l min-1) 6
Water temperature (°C) = 14.2 to 15.0
Ambient temperature (°C) = 18.5
Test chamber (°C) = 18.7
Room humidity (%) = 35
Atmos (mbar) = 1007
Water penetration as indicated:

| Time duration (mins) | Pressure (Pa) | Comments (Position and time of any leakage) |
|---|---|---|
| 15 | 0 | No visible leakage |
| 5 | 50 | No visible leakage |
| 5 | 100 | No visible leakage |
| 5 | 150 | No visible leakage |
| 5 | 200 | No visible leakage |
| 5 | 250 | No visible leakage |
| 5 | 300 | No visible leakage |
| 5 | 450 | No visible leakage |
| 5 | 600 | Leaks from main ventilator and from the small (LHS) hole in ventilator moulding as 600Pa reached. (see plates 2.1 and 2.2 on next page) |

BS 6375 -1 (BS EN 12208) = Class 8A (450Pa)