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leak detection solutions

# Comparison Chart



| PANEL NAME | ECO-1+ | ECO-6+ | ECO-24 | AT-ZAP | TTC-1 | TTSIM-3 | TTSIM-4 | AT-APA | TT-TS12 | TTDM-128 |
|---|---|---|---|---|---|---|---|---|---|---|
| LEAK DETECTION ACCURACY | Single Zone | Single Zone | Per Zone | Per Zone | Single Zone | +/- 1M Addressable | +/- 1M Addressable | +/- 1M Addressable | +/- 1M Addressable | +/- 1M Addressable |
| SENSING TYPE | C & P | C & P | C & P | C & P | C & P | C & P | C & P | C & P | C & P | C & P |
| SENSING CABLE LENGTH | 30M Eco SC (60M with ECO-BCB) 160M TT1000 | 30M Eco SC (60M with ECO-BCB) 160M TT1000 | 30M Eco SC per Zone (60M with ECO-BCB) | 100 Metres Per Zone | 30M | 350M | 1500M | 150M /Zone | 150 or 1500 / Channel TT-SIM(s) Dependent | 1500M / Channel |
| MAXIMUM NUMBER OF PROBES | MPS/R- 1 or 2 with ECO-BCB AT-PROBE-TS 10 Max | MPS/R- 1 or 2 with ECO-BCB AT-PROBE-TS 10 per/zone | MPS/R-1 Per Zone or 2 with ECO-BCB | 10 per zone | 5 | 21 | 93 | 10 / Zone | 9 or 90 / Channel TT-SIM(s) Dependent | 90 / Channel |
| LEAK RELAYS | 2 | 1 per zone (6) +1 common | 1 Per Channel (4) 2x Common | Per Zone configurable +2 Common | 1 | 2 | 2 | 1/Zone | 1 | 2 |
| CABLE BREAK / FAULT / POWER FAILURE - RELAYS | 1 Configurable | 1 | 1 per channel (4) 1x Common | Per Zone configurable +1 Common | 1 | 1 Configurable Software | 1 COnfigurable Software | 1 | 1 | 2 |
| ZONES / CHANNELS | 1 | 6 | 24 Zones 4 Channels | 12 | 1 | 1 | 1 | 4 | **** | 1*** |
| WARNING DISPLAY | LED / B / VFR | LED / B / VFR | LED / B / VFR | B / T / VFR | LED / B / VFR | M/LED/LCD* | M/LED/LCD* | T/B/TCP-IP | T/B/VFR/M | LCD/B/VFR/M |
| AT-SRG COMPATIBILITY | Yes | Yes | Upto 48 Max | Upto 48 Max | - | - | - | - | - | - |
| EXPANDABLE SYSTEM | Yes with Eco-Network | Yes with Eco-Network | Yes with Eco-Network | Yes** | - | Yes** | Yes** | - | Up to 250 SIM's | Up to 127 SIM's |
| POWER SUPPLY | 110Vac 240Vac | 12Vdc 110Vac 240Vac | 12Vdc 110Vac 240Vac | 12Vdc 110Vac 230Vac | 12-24Vac 15-24Vdc | 12-24Vdc/Vac 110Vac 230Vac | 12-24Vdc 24Vac | 110Vac 230Vac 12Vdc | 230Vac | 24Vac 115Vac 230 Vac 24Vdc |

**LEGEND:**
B - Buzzer
C - Cable
M - Modbus RTU
P - Probe
T - Touchscreen
VFR - Volt Free Relay

*** Dependent on model**
**** Additional equipment required (Refer to panel datasheet)**
***** Expandable by adding 127 TT-SIM'S**
****** Expandable by adding 250 TT-SIM'S**

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|---|---|---|---|---|---|---|---|---|---|---|
| EcoLeak Sensing Cable | ✓ | ✓ | ✓ | - | - | - | - | - | - | - |
| TT1000 Sensing Cable | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TT1100 Sensing Cable | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TT3000 Sensing Cable | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TT5000 Sensing Cable | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TT5001 Sensing Cable | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TT-FFS (WR) | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | - | ✓ | ✓ |
| EL-MPS-R (Mini Probe) | ✓ | ✓ | ✓* | - | - | - | - | - | - | - |
| AT-PROBE-TS / M | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| AT-OPSEN /AT-OPSEN-R | ✓* | ✓* | ✓*** | ✓* | ✓* | ✓ | ✓ | ✓** | ✓ | ✓ |
| AT-DTP | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* |
| AT-600A | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* |
| AT-TDWS | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* |
| AT-SRG | ✓ | ✓ | ✓ | ✓ | - | - | - | - | - | - |
| JUMPER CABLE in Meters | 300 | 300 per zone | 300 per zone | 300 per zone | 300 | >1000 | >1000 | 500 | >1000 | >1000 |

*** Additional equipment or wiring may be required**
**** AT-APA will detect a leak however no distance is given**
***** WIth Care, consult manual for specific wiring criteria**

5 YEAR WARRANTY

Contact Us Today: info@aquilar.co.uk/www.aquilar.co.uk

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