PRODUCT GUIDE
AUTOMATION & CONTROL EDITION 25

INNOVATORS, MANUFACTURERS & DISTRIBUTORS OF ELECTRICAL PRODUCTS

WE ARE MATelec AUSTRALIA

BRAND CELEBRATION
50 years
1973 - 2023

OUR LEGACY, OUR PEOPLE

Family-owned and proudly Australian-made accredited, MATelec Australia brings more 50 years of expertise delivering reliable electrical and control solutions. Built on a foundation of quality, trust, and dependable support, our legacy is defined by strong, lasting partnerships with customers who value performance they can count on. We believe Happy People are Our Future.

EVOLVING EXCELLENCE IN CONTROL SOLUTIONS

Renowned for our commitment to electrical innovation, MATelec Australia is driving industry progress through our specialised Control Solutions division. At the core of advancement is our team of dedicated in-house engineers based at our manufacturing hub in Shepparton, Victoria. They design and build advanced pump and motor control systems using proprietary technology, delivering outstanding performance, reliability, and user-friendly operation.

AUSSIE MADE, AUSSIE BACKED

We are proud to support Australian manufacturing and employment, holding a strong commitment to quality across our entire product range. Being ISO 9001 certified for quality assurance, ensures superior product solutions across sectors from municipal water and agriculture to mining, defence, and healthcare, with smarter solutions that support critical infrastructure nationwide.

PEOPLE FIRST. ALWAYS.

Here at MATelec Australia, we don't just make systems. We build partnerships. Whether it is a custom control panel, technical support out in the field, or end-to-end service, we deliver solutions grounded in trust, responsiveness, and care. Our One Call Resolution approach means help is always just a call away.

INNOVATION THAT LEADS THE WAY

At MATelec Australia, innovation drives everything we do. Our proprietary technology and smart design, deliver sustainable solutions to help industries build lasting infrastructure, support communities, and grow through local manufacturing. We are committed to creating lasting value and shaping a positive legacy one solution at a time.

SYSTEM CERTIFICATION
ISO 9001
SGS

AUSTRALIAN MADE
AUSTRALIAN OWNED CERTIFIED #08303

HAPPY PEOPLE are our FUTURE

OUR MISSION

We empower industry with solutions that deliver lasting value, to shape and sustain essential infrastructure.

OUR VISION

A thriving ecosystem, inspired by happy people, united in creating innovative solutions, for social and environmental prosperity.

National Distribution Network

5 Star Customer Service

Qualified Technical Support

PRODUCT INDEX

CONCEPT TO COMPLETION

ENGINEERED SOLUTIONS

We deliver smart, state-of-the-art, turnkey control solutions – from concept to completion.

As industry leaders in the design and manufacture of high-performance industrial automation and control systems, our expertise in PLC programming, circuit and engineering design, and interpretation of PID drawings – combined with close client collaboration – ensures confidence in every project.

EXPERT GUIDANCE

Backed by decades of engineering excellence and real-world experience from an in-house team of highly skilled engineers, both electrical and mechanical, and qualified electricians.

FULLY CUSTOM-MANUFACTURED BESPOKE CONTROL SYSTEMS

Engineered for precision, durability, and to meet your exact specifications, with unique serial number identification.

SMARTER, FASTER CONTROL SYSTEMS

Staying at the forefront of technological advancements is our commitment! MATelec Australia continues to embrace and invest in state-of-the-art technology ensuring our control systems are built to perform and built to last.

PROVEN PERFORMANCE

With a proven track record spanning more than two decades and over 150,000 control panels, MATelec Australia's innovation is trusted across a wide range of applications from Pump and Motor Control to Lighting control, batching control, valve control, conveyor lines for municipal infrastructure, mining, agriculture, and HVAC.

6

COMPLETE END-TO-END SOLUTIONS

From initial concept through design, manufacturing, installation, commissioning, and ongoing support, MATelec Australia offers turnkey solutions that encompass the entire project lifecycle.

SUPPORT

12 — Qualified technical support line

11 — Site commissioned support

10 — As constructed drawings

CONCEPT

1 — Discovery collaboration

2 — P&ID Drawings and functional description

DESIGN

3 — AutoCAD circuit diagrams

4 — AutoCAD general arrangements

5 — PLC programming

6 — HMI touch screen programming

MANUFACTURE

9 — Quality assurance sign off

8 — Electrical testing

7 — Panel manufacturing

CUSTOMER CARE
Our Customer-First Mentality

Our Customer Care team's number one goal is to live by our core value; Happy People are our Future.

This isn't merely a framed poster on the walls of our offices, but something we strive for with all who partner with MATelec Australia.

Our team are ready and available to answer your enquiry Monday to Friday 8am – 5pm AEST, and you can reach them via 1800 281 282, *customer@matelecaustralia.com.au*, or even scan the QR code to Contact Us via our website.

"At the end of the day – your success is our success"

HERE TO SUPPORT

Our Australian-based Customer Care Team is invested in delivering what you need, when you need it. Whether it be sales support, product availability, order tracking or anything else, you can be sure that if they don't know the answer – they will source and resolve it as soon as possible.

TRAINED TO SUPPORT

With our commitment to one-call resolution, our team understand that you and your customers are looking to resolve the situation as quickly as possible.

As such, our team have been trained and resourced to resolve and escalate to a specialist, if need be, to ensure that we do everything possible to provide you a solution in a single call.

With a team of electricians and engineers on hand to support your enquiry, you will have a resolution as quickly as possible.

No matter the enquiry from pricing, ordering, installation support, troubleshooting, to warranty claims, we have the team ready to assist. Learn more about our Customer Care team using the QR code.

SUPPORT YOURSELF

To coincide with our expanding product range, we are committed to constantly growing our library of product support materials to ensure you have the resources you need to learn at your own pace and/or at the time of need.

From Product manuals, quick-start and installation guides, how-to and product insight videos, we have you covered.

Make sure to check back into our website via the QR code to see the tools that are available to support you and your customers.

"Our Customer Care team are here to help"

HAPPY PEOPLE are our FUTURE ®

IMMEDIATE SUPPORT

We understand that sometimes not everything works as it should. At MATelec Australia, we are committed to supporting you through this process where required.

Our team are empowered to ensure you have access to replacement equipment, should the equipment be deemed faulty and will work tirelessly with all parties involved, to ensure quick turnaround and limited disruption to your business.

For further information on our warranty process, visit our resource page via the QR code.

9

GENIUS INSIDE.
POWER OUTSIDE.

AUSTRALIAN MADE®

Meet the minds behind our control systems

HydroSTART® PUMP CONTROLLER

HydroWHIZ® MULTIPUMP CONTROLLER

SIMPLE & RELIABLE PUMP CONTROL

HydroSTART is the controller of choice for submersible level, hot water circulation, irrigation, and similar applications. It features:

- Supports single and dual pump systems
- Intuitive capacitive touch HMI keypad
- 8 digital inputs (remote enable/disable)
- Advanced onboard pump current sensing protection technology, including programmable overload protection (0.1–16A), and under/zero current protection.
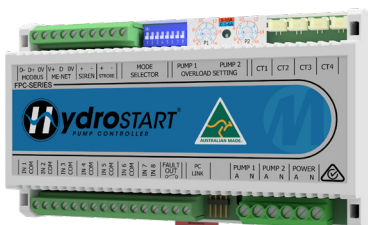
VERSATILE & USER-FRIENDLY CONTROL FOR COMPLEX SYSTEMS

HydroWHIZ excels in mid-sized, dynamic applications such as pressure boosting, constant level, temperature, and irrigation control. Key highlights:

- Controls up to 6 pumps
- Most versatile controller in the MATelec Australia range
- Touchscreen HMI for easy setup, data logging, and trend graph viewing
- Supports more complex installations with intuitive programming

10

HydroTOUCH®
MULTIPUMP CONTROLLER

ME-Link®
IoT/SMS MODULE
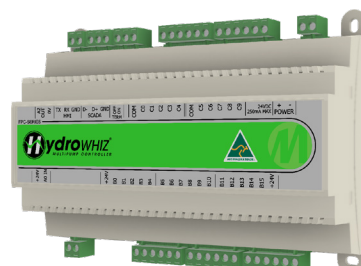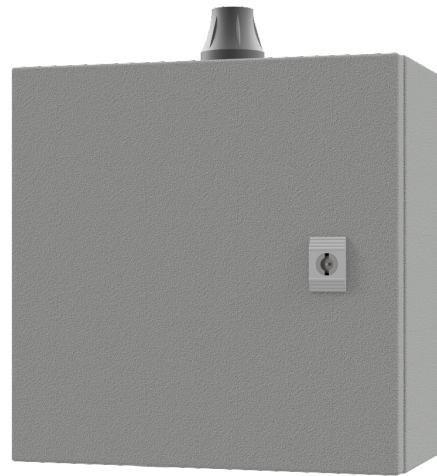
HIGH-CAPACITY, FULLY CONFIGURABLE CONTROL SYSTEM

HydroTOUCH is designed for comprehensive control of pressure, level, and flow systems. Ideal for:

- Up to 12 pumps

- Large touchscreen HMI with setup wizard

- Configurable control modes (level, pressure, or flow)

- Extensive data logging, trend graphs, and advanced parameter customisation

- Perfect for demanding applications, including temperature control

SMART DATA ACQUISITION & REMOTE MONITORING

ME-Link transforms your control system into a data-driven solution, offering:

- Data acquisition and remote transmission via SMS or IoT

- Integration with any MATelec Australia system

- Seamless connection to the Propitect® IoT platform for remote monitoring and control

- Enables strategic decision making, performance optimisation, and remote insights
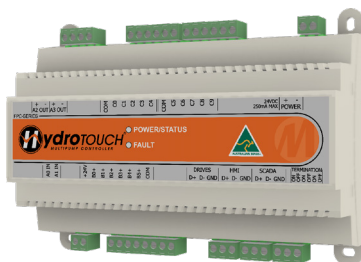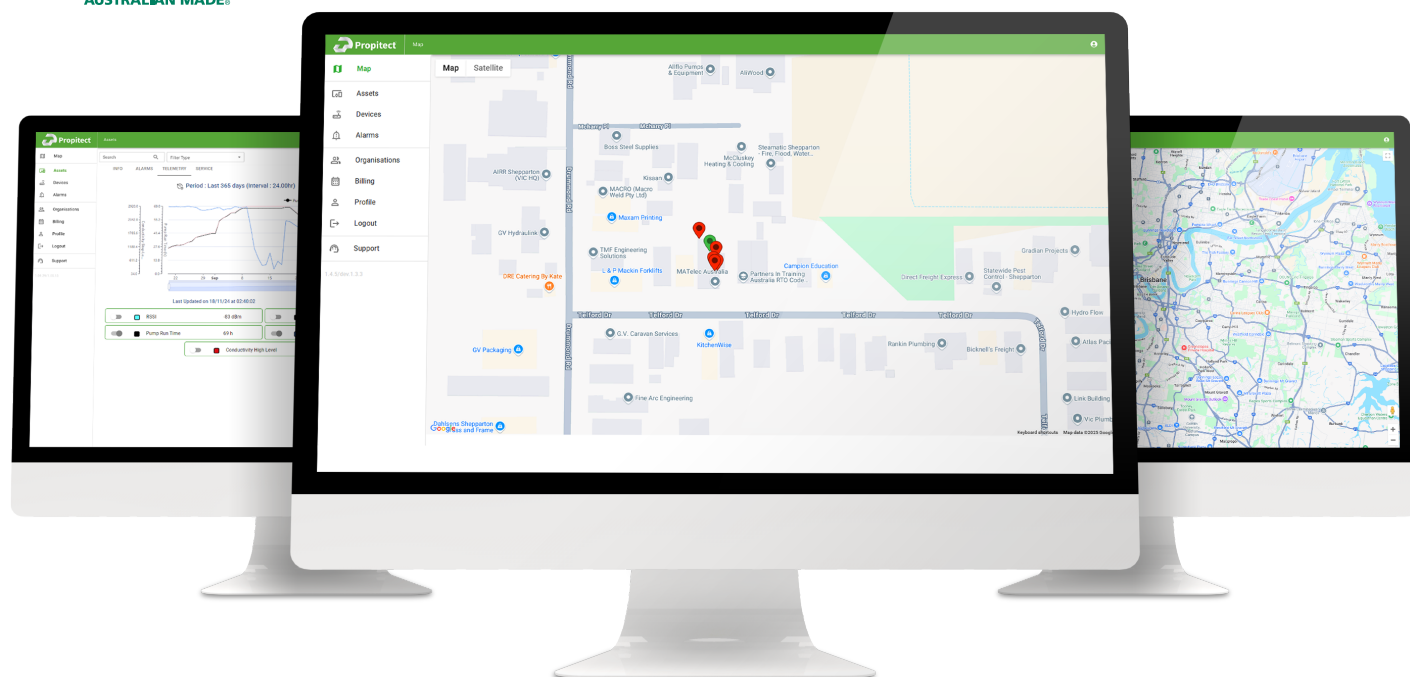
INTRODUCING PROPITECT®

SMARTER MONITORING. OPTIMISED PERFORMANCE.

Detect issues early, minimise downtime, and stay in control - wherever you are.

MATelec Australia's latest innovation, Propitect®, is transforming how pump and motor systems are monitored, maintained, and optimised. This intelligent remote monitoring platform gives you real-time access from anywhere, enabling a proactive, data-driven approach that reduces downtime, lowers operational costs, and extends asset lifespan.

Connected though our range of ME-Link devices, Propitect® continuously analyses system data to detect early signs of potential faults. This allows maintenance to be planned well in advance, before issues arise. With secure access to live and historical system data, service schedules, fault alerts, and full product lifecycle tools, everything is managed in one easy-to-use platform.

12

UNLOCK THE POWER OF PROPITECT®

A MATELEC AUSTRALIA INNOVATION

Purpose-built by MATelec Australia, Propitect® integrates seamlessly with our hardware to deliver unmatched reliability, security, and performance.

EFFORTLESS INTEGRATION

Connect new or existing control panels with MATelec Australia IOT-enabled devices. Seamless IoT cloud connectivity enables remote access anytime, anywhere.
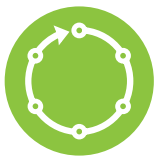
FULL ASSET LIFECYCLE MANAGEMENT

Track assets from installation to end-of-life. Monitor pump run hours, schedule servicing, review fault history, and export custom reports in PDF or CSV formats.

PROACTIVE FAULT ALERTS

Receive instant fault notifications via SMS or email. Remotely shut down controllers or pumps, triage issues, and avoid unnecessary service callouts.

SMART SERVICE MANAGEMENT

Automate maintenance reminders by time or real-time run hours. Optimise service schedules based on actual equipment health.

INTUITIVE INTERFACE FOR WORKFLOW SIMPLICITY

Set up new assets in minutes and customise your dashboard. A live map view delivers real-time fault and performance insights across all connected devices.

DATA SECURITY

Enjoy encrypted MQTT cloud communications and AWS-backed infrastructure. Continuous uptime ensures your critical data is always kept secure.

PROPITECT® FOR ENTERPRISE – A SCALABLE, STANDALONE SOLUTION

Purpose-built for service providers, resellers, and large-scale operations. Centrally manage multiple customers and service agents, control access, streamline maintenance and billing, and unlock new revenue streams by on-selling access to your network or proactive service agreements.

READY TO STREAMLINE THE MANAGEMENT OF YOUR CONTROL SYSTEMS?

Speak with our team today or head to our website to explore how Propitect® can work for you.

9004 OIL AND CHEMICAL-RESISTANT NRB FLOAT SWITCHES

FEATURES & BENEFITS

- Smooth, robust polypropylene switch housing reduces adhesion of foreign materials
- 'Sliding detent action' obviates wave induced oscillation, maintaining consistency in switching level accuracy
- Higher current rating of up to 10 Amps is ideal for heavier duty applications
- Nitrile Rubber Blend Cable.

Code	Description	Cable Length	Packing	MOQ	Ctn
FSW-12409	9004 NRB N/O Float Switch	6m	1	1	20
FSW-12410	9004 NRB N/O Float Switch	10m	1	1	15
FSW-12411	9004 NRB N/O Float Switch	15m	1	1	10
FSW-12412	9004 NRB N/O Float Switch	20m	1	1	10
FSW-12413	9004 NRB N/O Float Switch	30m	1	1	6
FSW-12414	9004 NRB N/O Float Switch	40m	1	1	5
FSW-12415	9004 NRB N/O Float Switch	50m	1	1	4

9006 HIGH PRECISION REPEATABILITY NRB FLOAT SWITCHES

FEATURES & BENEFITS

- Smooth, robust ABS switch housing reduces adhesion of foreign materials
- 'Sliding detent action' obviates wave induced oscillation, maintaining consistency in switching level accuracy
- Nitrile Rubber Blend Cable
- Ideal for confined spaces.

Code	Description	Cable Length	Packing	MOQ	Ctn
FSW-12528	9006 NRB Float Switch	2.5m	1	1	25
FSW-12529	9006 NRB Float Switch	6m	1	1	20
FSW-12530	9006 NRB Float Switch	10m	1	1	14
FSW-12531	9006 NRB Float Switch	15m	1	1	10
FSW-12532	9006 NRB Float Switch	20m	1	1	9
FSW-12533	9006 NRB Float Switch	30m	1	1	6
FSW-12534	9006 NRB Float Switch	40m	1	1	5
FSW-12539	*Special Order* CR & DC Plug Onga Float Switch	10m	1	1	20
FSW-12540	CR & DC Plug PVC Float Switch	10m	1	1	20
FSW-12551	9006 NRB Float Switch	50m	1	1	4

9010 HIGH BUOYANCY SEWAGE RATED NRB FLOAT SWITCHES
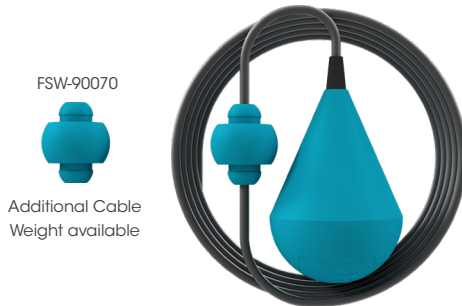
FSW-90070

Additional Cable
Weight available

FEATURES & BENEFITS

- Smooth, robust ABS switch housing reduces adhesion of foreign materials
- 'Sliding detent action' obviates wave induced oscillation, maintaining consistency in switching level accuracy.
- Nitrile Rubber Blend Cable
- Excellent buoyancy.

Code	Description	Cable Length	Packing	MOQ	Ctn
FSW-12517	9010 NRB Float Switch	10m	1	1	10
FSW-12518	9010 NRB Float Switch	15m	1	1	10
FSW-12519	9010 NRB Float Switch	20m	1	1	10
FSW-12520	9010 NRB Float Switch	30m	1	1	5
FSW-12521	9010 NRB Float Switch	40m	1	1	5
FSW-90070	Float Switch Cable Weight - Adjustable	-	1	1	-

9011 HIGH HEAT FLOAT SWITCHES

FEATURES & BENEFITS

- SUS304 Stainless steel switch housing makes the 9011 High Heat Float Switch ideal for high temperature applications
- Mechanically activated, snap action contact with wide switching angle
- Epoxy resin treatment to prevent water ingress into the float, providing excellent waterproof capability and extended life
- Includes cable weight for easy installation.

Code	Description	Cable Length	Packing	MOQ	Ctn
FSW-12580	9011 SRB High Heat Float Switch	5m	1	1	1

MAGNETIC HORIZONTAL FLOAT SWITCHES

FEATURES & BENEFITS

- High quality housing suitable for most liquids, such as oil and mild chemicals
- Fully immersible
- Ideal for water tank systems, such as rain or waste water management and activating boat bilge pumps
- Can be used to control pumps and electric valves when liquid level change
- Unique waterproof membrane allows for installation from the outside of a tank.

Code	Description	Cable Length	Packing	MOQ	Ctn
FSW-12565	Magnetic Horizontal Float Switch	4m	1	1	20

STAINLESS STEEL MAGNETIC FLOAT SWITCHES
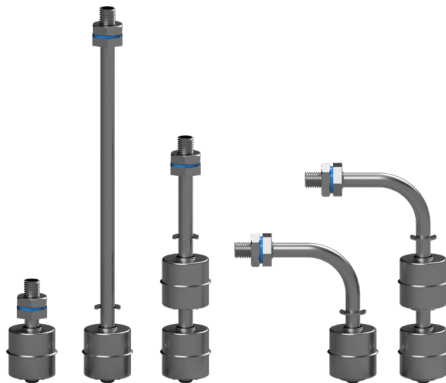
FEATURES & BENEFITS

- Single & Dual Point Options
- Magnetic Reed Switch Technology
- High Reliability / Repeatability Standards
- Direct Interface to Controllers
- High Temperature Rating
- High Pressure Rating
- Suitable for Corrosive Conditions
- Commonly used in food processing, medical, heating, and cooling equipment
- Includes approx 300mm of cable for connection
- Epoxy sealed cable outlet
- Gasket seal.

Code	Description	Height	Packing	MOQ	Ctn
FSW-12570	Single SS Float Switch - Short Stem Vertical	62mm	1	1	1
FSW-12571	Single SS Float Switch - Vertical	216mm	1	1	1
FSW-12572	Dual SS Float Switch - Long Stem Vertical	140mm	1	1	1
FSW-12573	Single SS Float Switch - Side Mounted	81mm	1	1	1
FSW-12574	Dual SS Float Switch - Side Mounted	130mm	1	1	1

3 & 4 FLOAT MULTI LEVEL FLOAT TREES
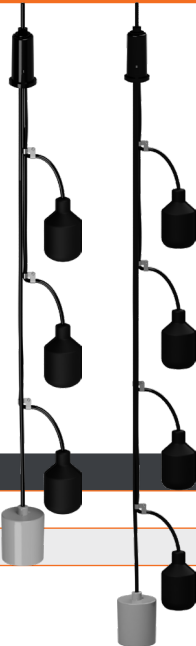
FEATURES & BENEFITS

- Resin filled/potted connection - Fully submersible
- Horizontal pivot point for switching accuracy and consistency
- Weighted - Obviating flow induced travel No more tangled floats
- No more setting up with conduits and ties
- No more trying to pull multiple float wires through undersized conduit
- No more trying to decipher which wires relate to which floats.

Code	Description	Cable Length	Packing	MOQ	Ctn
FSW-12545	Multi Level Float Tree - 3 Float	10m	1	1	8
FSW-12547	Multi Level Float Tree - 3 Float	20m	1	1	5
FSW-12548	Multi Level Float Tree - 4 Float	20m	1	1	5

4 POINT CONDUCTIVITY SENSING PROBES

FEATURES & BENEFITS

- Designed and manufactured with 4 preset, stainless steel sensing points. These are typically used as common, stop, start and high level
- The probe would normally be set up in conjunction with conductivity sensing relays, which would interface with a pump control circuit
- Can be used in a wide range of applications including potable, grey, black, storm and rain water
- While the probe has no serviceable parts, a periodic wipe down is recommended to maintain optimal performance.

Code	Description	Cable Length
FPC-12530	Conductivity Sensing Probe - 4 Point - 200mm	10m
FPC-12531	Conductivity Sensing Probe - 4 Point - 300mm	10m
FPC-12532	Conductivity Sensing Probe - 4 Point - 400mm	10m
FPC-12533	Conductivity Sensing Probe - 4 Point - 700mm	10m
FPC-12534	Conductivity Sensing Probe - 4 Point - 900mm	10m

10 POINT CONDUCTIVITY SENSING PROBES

FEATURES & BENEFITS

- Designed and manufactured with 10 preset, stainless steel sensing points
- The probe would normally be set up in conjunction with conductivity sensing relays, which would interface with a pump control circuit
- Can be used in a wide range of applications including potable, grey, black, storm and rain water
- While the probe has no serviceable parts, a periodic wipe down is recommended to maintain optimal performance.

Code	Description	Cable Length
FPC-12536	Conductivity Sensing Probe - 10 Point - 1m	10m
FPC-12537	Conductivity Sensing Probe - 10 Point - 1.5m	10m

SINGLE POINT CONDUCTIVITY SENSING PROBES

FEATURES & BENEFITS

- Designed and manufactured with a single preset, stainless steel sensing point
- Typically set up in conjunction with conductivity sensing relays, which would interface with a pump control circuit
- Can be used in a wide range of applications including potable, grey, black, storm and rain water
- While the probe has no serviceable parts, a periodic wipe down is recommended to maintain optimal performance.

Code	Description	Cable Length
FPC-12521	Conductivity Sensing Probe - Single Point	10m

PRESSURE TRANSDUCERS

FEATURES & BENEFITS

- Designed to be mounted in a pipe to measure pressure, providing a precise 4-20mA reading
- Small body diameter
- Excellent repeatability and long term stability
- Excellent anti-interference ability
- Suitable for use in raw, rain, potable and ground water applications.

Code	Description	Pressure Range	Cable Length
COM-30608-4BAR-SE	Pressure Transducer	0-4bar (0-400kPa)	3m
COM-30609-E-SE	Pressure Transducer	0-10bar (0-1000kPa)	3m
COM-30608-E-SE	Pressure Transducer	0-16bar (0-1600kPa)	3m
COM-30604-E-SE	Pressure Transducer	0-25bar (0-2500kPa)	3m

POTABLE WATER HYDROSTATIC LEVEL TRANSDUCERS

FEATURES & BENEFITS

- Excellent repeatability and long term stability
- Excellent anti-interference ability
- Measure depth or level measurement in potable, raw, ground and rain water applications (not suitable for sewage or wastewater applications).

Code	Description	Depth Range	Cable Length
FPC-12571-24-SE	Hydrostatic Level Transducer - Potable Water	0 - 10 m	24m
FPC-12571-10-SE	Hydrostatic Level Transducer - Potable Water	0 - 10 m	10m
FPC-12579-24-SE	Hydrostatic Level Transducer - Potable Water	0 - 4 m	24m
FPC-12573-24-SE	Hydrostatic Level Transducer - Potable Water	0 - 1 m	24m

SEWAGE & WASTEWATER HYDROSTATIC LEVEL TRANSDUCERS
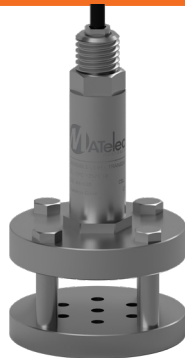
FEATURES & BENEFITS

- Excellent repeatability and long term stability
- Excellent anti-interference ability
- Measure depth or level measurement in potable, raw, ground and rain water, sewage and wastewater applications.

Code	Description	Depth Range	Cable Length
FPC-12569-10-SE	Hydrostatic Level Transducer - Sewage	0 - 1 m	10m
FPC-12570-24-SE	Hydrostatic Level Transducer - Sewage	0 - 10 m	24m
FPC-12570-10-SE	Hydrostatic Level Transducer - Sewage	0 - 10 m	10m
FPC-12570-30-SE	Hydrostatic Level Transducer - Sewage	0 - 10 m	30m
FPC-12572-10-SE	Hydrostatic Level Transducer - Sewage	0 - 2.5 m	10m
FPC-12575-10-SE	Hydrostatic Level Transducer - Sewage	0 - 4 m	10m
FPC-12575-30-SE	Hydrostatic Level Transducer - Sewage	0 - 4 m	30m
FPC-12575-50-SE	Hydrostatic Level Transducer - Sewage	0 - 4 m	50m
FPC-12575-24-SE	Hydrostatic Level Transducer - Sewage	0 - 4 m	24m

BREATHABLE JUNCTION BOX

FEATURES & BENEFITS

- Extending cable for 4-20mA analog signals
- IP65 rated
- Secure connections
- Earth continuity for signals
- Shielded connection
- Robust aluminium enclosure

Code	Description
COM-30632	Breathable Weatherproof Cable Junction Box

TRANSDUCER HANGING BRACKET

FEATURES & BENEFITS

- Designed to provide a simple and effective solution to hang hydrostatic level transducers in the correct position in a tank
- Applies even pressure to the transducer cable, ensuring the internal breather tube is not deformed or kinked in any way.

Code	Description
FPC-12568	Transducer Hanging Bracket

LEAK SENSING CABLE

FEATURES & BENEFITS

- Moisture detection across entire cable length
- Low voltage signal to controller
- Fast drying time after removal from fluid
- Maximum corrosion and abrasion resistance
- Ideal for subfloors, storage areas, tanks and roofs

Code	Description
COM-12713	Leak Sensing Cable

ALARM PANELS

DELUXE HIGH AND LOW SET-POINT ALARM
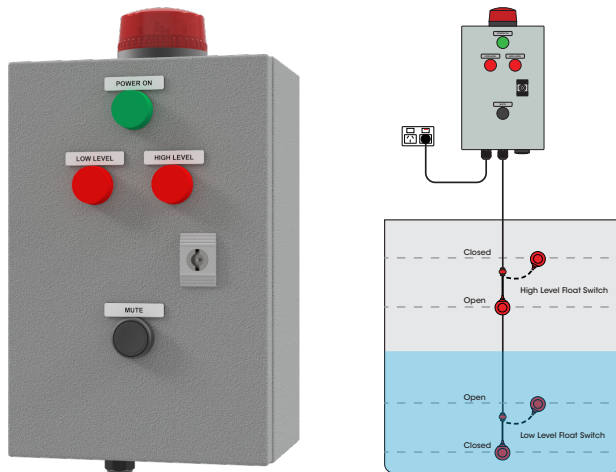
Designed as an extension of the Deluxe Set-Point Alarm with the ability to have two parameters as high and low set-point alarms. The alarm enclosure has Indicator lights for each alarm level with a tactile, push-button mute switch in lieu of a keypad.

FEATURES & BENEFITS

- Robust IP54 powder coated mild steel enclosure
- Indicator status lights and alarm mute button
- Dual 12Vac switched control input for two alarm set-points
- Audible buzzer and strobe
- Low voltage input and control circuitry
- BMS volt-free output for common fault

Code	Description	Enclosure Size
FPC-12664	Deluxe High & Low Set-Point Alarm	300x200x150mm

DELUXE SET-POINT ALARM
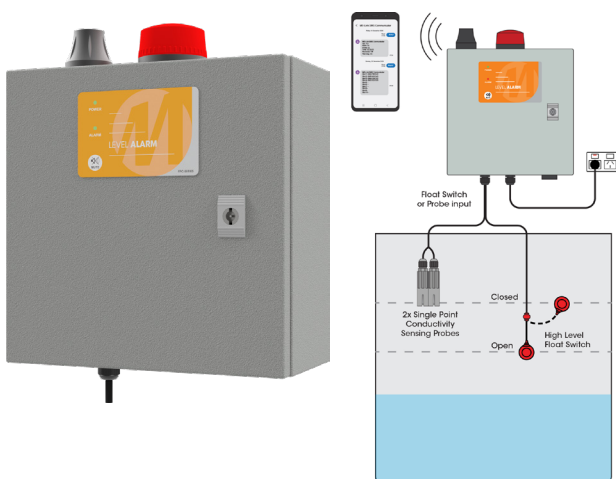
MATelec Australia's Deluxe Set-Point Alarm is the ultimate Alarm panel, taking all the features and benefits of the Standard range with the addition of a robust IP54 rated mild steel enclosure. The larger enclosure allows for more operational flexibility, with the ability to be combined with SMS or IoT communications, flexible power supply options, and additional input and output options.

FEATURES & BENEFITS

- Robust IP54 powder coated mild steel enclosure
- Keypad with system status display and alarm mute function
- Single 12Vdc switched control input, or two single point conductivity probe
- Audible buzzer and strobe
- Low voltage input and control circuitry
- BMS Volt-free output for common fault
- Optional Extras: conductivity input, solar powered version, SMS dialler, IoT connectivity, auto-pump connection

Code	Description	Enclosure Size
FPC-12670	Deluxe Set-Point Alarm	300x200x150mm
FPC-12651-SMS	Deluxe Set-Point Alarm with SMS dialler	300x300x150mm
FPC-12651-IOT	Deluxe Set-Point Alarm with IoT Connectivity to Propitect®	300x300x150mm
FPC-12658	Deluxe Set-Point Alarm - Solar Powered	300x300x200mm
FPC-12672	Deluxe Set-Point Alarm - Auto-Pump Connection	300x200x150mm
FPC-12665	Deluxe Set-Point Alarm – Conductivity Relay	300x200x150mm

STANDARD SET-POINT ALARM
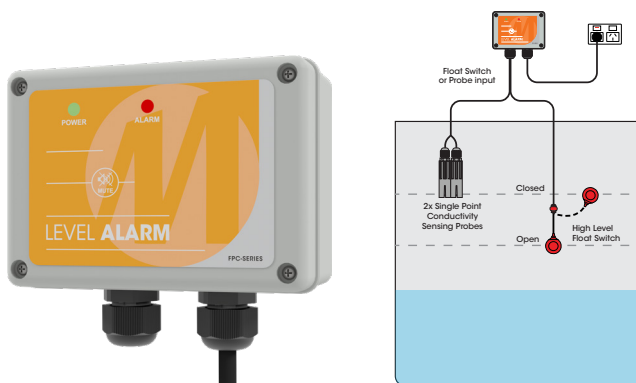
The Standard Set-Point Alarms are designed to receive a signal from either a 12Vdc Switched Control input or two single point Conductivity Probes and triggers an audible alarm when activated. The unit comes in a more robust IP54 polycarbonate enclosure and features a keypad interface with status indication lights and alarm mute button.

FEATURES & BENEFITS

- IP54 Polycarbonate enclosure
- Low voltage Input and control circuitry
- Audible buzzer
- Single 12Vdc switched control input, or two single point conductivity probes

Code	Description	Enclosure Size
FPC-12650	Standard Level Alarm	125x90x60mm

STANDARD SET-POINT ALARM PLUS
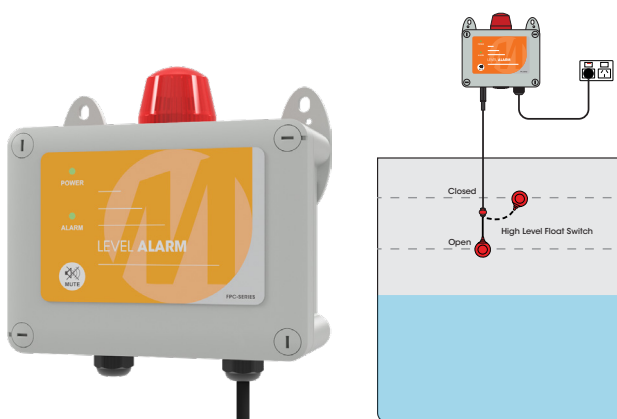
The Standard Set-Point Level Alarm Plus expands on the capabilities of the Standard Set-Point Alarm with the addition of a built-in visual strobe on top of the enclosure. The alarm strobe indication remains on even after the audible alarm auto-silences and until the alarm set point is cleared. This alarm panel features the standard audible alarm and keypad interface with status indication lights and alarm mute button along with more flexible supply and connection options than the Standard Set-Point Alarm.

FEATURES & BENEFITS

- IP54 Polycarbonate enclosure
- Low voltage Input and control circuitry
- Audible buzzer with additional strobe
- Single 12Vdc switched control input, or two single point conductivity probes
- Optional Extras: Quick Plug or Hardwired Float Switch, Battery Backup, 10A SPO for Auto Pump Connection

Code	Description	Enclosure Size
FPC-12651	Standard Set-Point Alarm Plus Strobe (Float Switch Extra)	175x130x80mm
FPC-12651-QP	Standard Set-Point Alarm Plus Strobe & Quick Plug Float Switch	175x130x80mm
FPC-12651-FS	Standard Set-Point Alarm Plus Strobe & Pre Wired 10m Float Switch	175x130x80mm
FPC-12654	Standard Set-Point Alarm Plus Auto-Pump Connection	200x160x95mm
FPC-12657	Standard Set-Point Alarm Plus Strobe & Battery Back-Up	240x195x95mm
FPC-12663	Standard Set-Point Alarm Plus Strobe & – 12Vdc Supply	175x130x80mm
FPC-12675	Standard Set-Point Plus Strobe & – High Level Valve Shut-Off	200x160x95mm
FPC-12680	Standard Set-Point Plus - Differential Pressure	175x130x80mm

FLUSH MOUNT SET-POINT ALARM
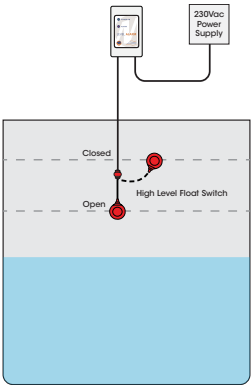
The Flush Mount Alarms are designed to receive a signal from a 12Vdc switched control input and provide an audible alarm when this signal is received. These alarms are engineered to seamlessly fit into any interior design using a standard C clip mounting bracket and features a keypad interface with status indicator lights and alarm mute.

FEATURES & BENEFITS

- Wall plate mount with C-clip bracket
- Low voltage control and input circuitry
- Alarm mute button for up to 12 hours
- 12Vdc switched control input, NO or NC
- Indication lights for power on and alarm level

Code	Description	Enclosure Size
FPC-12656	Flush Mount Level Alarm	Suits Standard, Single, Power point

AUTOMATION POWER CONTROL

HydroWHIZ MOTOR MOUNT VSD
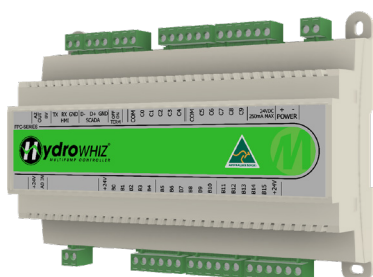
The HydroWHIZ Controller is the pinnacle of motor mount VSD control. Engineered with streamlined set-up processes and extensive data monitoring via the intuitive touch screen HMI, HydroWHIZ integrates seamlessly with market leading brands such as Hydrovar, Grundfos, Vasco and Wilo. HydroWHIZ optimises flexibility with level, pressure or temperature system modes making it the controller of choice for up to 6 motor mount VSDs.

FEATURES & BENEFITS

- IP56 Rated mild steel enclosure
- Circuit breaker protected low voltage control and input circuitry
- Circuit breakers for individual pump isolation and protection
- Market leading colour touch screen HMI
- RS485 connection for SCADA
- Extensive time and date logged data and trends
- Input for float switch
- 4-20mA analogue control input
- 8 X 12Vdc digital switched control inputs

ADDITIONAL OPTIONS

- RMC – Rain/Mains Changeover valve
- ATS – Auto-generator changeover
- GEN – Manual generator changeover
- SMS – Additional SMS dialler for communications
- IOT – IoT connectivity to the cloud

Code	Description	Power Ratings	Enclosure Sizes	Number of Pumps
FPC-63X51	HydroWHIZ Motor Mount VSD Single Phase	1.5-4kW	From 400x300x150mm	1-6 (X)
FPC-63X53	HydroWHIZ Motor Mount VSD Three Phase	1.5-22kW	From 400x300x150mm	1-6 (X)

STANDARD VSD POWER DISTRIBUTION BOARDS PLUS

The Standard VSD Power Distribution Board Plus range includes all the benefits of the standard with additional features designed for integration with Vasco, Hydrovar and Wilo motor mount VSD's. Additional features Include the added protection of a surge diverter to ensure maximum pump life and protection, individual pump enable/disable, and system enable, giving you more flexibility in the event of maintenance or fault. All models feature an inner door for increased protection against the elements.

FEATURES & BENEFITS

- IP54 Rated powder coated metal enclosure
- Surge protection for pump motors
- Circuit breaker protected low voltage control and input circuitry
- Circuit breakers for individual pump isolation and protection
- User friendly, clearly labelled, din rail mounted input and output terminal connection
- Volt-free BMS connections (common/run/fault for each pump)
- Run and fault indicator lights for each pump
- Input for float switch
- Common enable/run signal per pump motor

Code	Description	Power Ratings	Enclosure Sizes	Number of Pumps
FPC-3523X	Deluxe distribution board	2.2 – 22kW	From 400x300x150mm	1 to 4 (X)
FPC-3553X	Deluxe distribution Board with Rain/Mains changeover	2.2 – 22kW	From 400x300x150mm	1 to 4 (X)

STANDARD VSD POWER DISTRIBUTION BOARDS

Specifically designed for integration with Grundfos motor mount Variable Speed Drives requiring a system enabled only to the master pump. Standard VSD Power Distribution Boards provide protected supply power and run control on up to four motor mount VSDs. This is expandable with provision of a solenoid valve change over for Rain/Mains and a full suite of BMS.
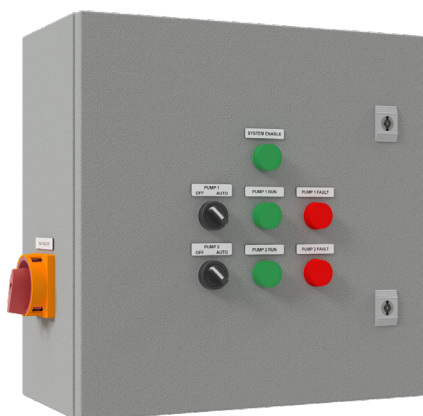
FEATURES & BENEFITS

- IP54 Rated powder coated metal enclosure
- Circuit breaker protected low voltage control and input circuitry
- Circuit breakers for individual pump isolation and protection
- User friendly, clearly labelled, din rail mounted Input and output terminal connection
- Volt-free BMS connections (common/run/fault for each pump)
- Run and fault indicator lights for each pump
- Input for Float Switch

Code	Description	Power Ratings	Enclosure Sizes	Number of Pumps
FPC-3511X	Standard Distribution Board – Single Phase	0.75-2.2kW	From 400x300x150mm	1 to 4 (X)
FPC-3513X	Standard distribution board – Three Phase	2.2 – 22kW	From 400x300x150mm	1 to 4 (X)
FPC-3541X	Standard Distribution Board – Single Phase with Rain/Mains changeove	0.75-2.2kW	From 400x300x150mm	1 to 4 (X)
FPC-3543X	Standard distribution board – Three Phase with Rain/Mains changeove	2.2 – 22kW	From 400x300x150mm	1 to 4 (X)

HydroWHIZ VSD CONTROLLER

The Constant Pressure HydroWHIZ VSD Controller is the most versatile option for controlling of up to 6 pump motors. A leader in its class, the HydroWHIZ VSD provides extensive time and date logged data and trends, combined with comprehensive diagnostics and simple setup via the colour touchscreen HMI.

FEATURES & BENEFITS

- IP44 rated enclosure with integrated fan and vent (IP54 available on request)
- Seamless control of up to 6 pumps
- Circuit breaker protected low voltage control and input circuitry
- Circuit breakers for individual pump isolation and protection
- Intuitive user interface via market leading colour touch screen HMI
- RS485 connection for SCADA
- Extensive time and date logged data and trends
- 4-20mA analog control input
- 8 X 24Vdc digital switched control Inputs

ADDITIONAL OPTIONS

- RMC – Rain/Mains changeover valve
- ATS – Auto-generator changeover
- GEN – Manual generator changeover
- SMS – additional SMS dialler
- IOT – IoT connectivity to the cloud
- BMS – Additional volt-free BMS outputs

Code	Description	VSD Range	Enclosure Sizes	Number of Pumps
FPC-63X21	HydroWHIZ VSD Single Phase	0.75 – 3kW	from 500x500x300mm	1 – 6 (X)
FPC-63X20	HydroWHIZ VSD Three Phase	0.75 – 22kW	from 500x500x300mm	1 – 6 (X)

HydroTOUCH VSD CONTROLLER
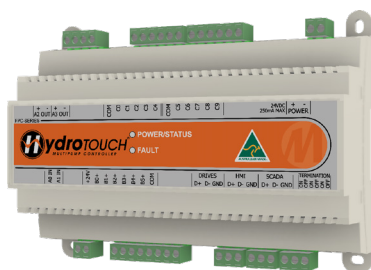
HydroTOUCH VSD Controllers are the most capable in the MATelec Australia fleet, with control and interface of up to 12 pumps. The HydroTOUCH VSD Controller provides extensive time and date logged data, flexible and highly customisable input and outputs, and seamlessly integrates over RS485 with any SCADA system. The comprehensive and intuitive set up wizard makes the set-up of this flagship controller a breeze.

FEATURES & BENEFITS

- IP44 rated enclosure with integrated fan and vent (IP54 available on request)
- Seamless control of up to 12 Pumps
- Circuit breaker protected low voltage control and input circuitry
- Circuit breakers for individual pump isolation and protection
- 7 Inch colour touchscreen HMI with seamless setup wizard
- RS485 connection for SCADA
- Extensive time and date logged data and trends
- 2 X 4-20mA analog control input, pressure, level or temperature
- 4 X 24Vdc digital switched control Inputs
- Comprehensive BMS suite as standard

COMMON APPLICATIONS

- RMC – Rain/Mains changeover valve
- ATS – Auto-generator changeover
- GEN – Manual generator changeover
- SMS – Additional SMS dialler
- IOT – IoT connectivity to the cloud

Code	Description	Power Ratings	Enclosure Sizes	Number of Pumps
FPC-43X21	HydroTOUCH VSD Single Phase	0.75 – 3kW	from 500x500x300mm	1 – 12 (X)
FPC-43X20	HydroTOUCH VSD Three Phase	0.75 – 22kW	from 500x500x300mm	1 – 12 (X)

FIRE PUMP REMOTE START/STOP CONTROLLER

The Remote Start/Stop controller has been designed to provide indication and remote run capabilities for one or two fire pumps. These controllers can be seamlessly integrated with any of MATelec Australia's fire and jacking pump controllers and clear, padlockable covers provide optimum protection against accidental triggering.

FEATURES & BENEFITS

- IP54 Rated polycarbonate enclosure
- Low voltage control and input circuitry
- Padlockable clear covers for push buttons
- Indications lights for pump run
- Volt free outputs for pump start and stop signals.

Code	Description	Enclosure Size	Number of Pumps
FPC-15120	Fire Pump Remote Start/Stop Single Pump Three Phase	200x160x95mm	1
FPC-15121	Fire Pump Remote Start/Stop Single Pump Single Phase	200x160x95mm	1
FPC-35120	Fire Pump Remote Start/Stop Dual Pump Three Phase	240x190x95mm	2
FPC-35121	Fire Pump Remote Start/Stop Dual Pump Single Phase	240x190x95mm	2

JOCKEY PUMP CONTROLLER

Designed to Australian Standard AS 2941-2013: Section 5, the Jockey Pump Controllers feature an easy-to-read LCD screen with keypad interface and viewable storage of logged data. Manual pump operation can also be performed for testing by holding the manual operation button.

FEATURES & BENEFITS

- IP54 Rated mild steel enclosure, powder coated red
- Padlockable mains isolator switch
- Low voltage control and input circuitry
- Contactor and thermal overload protection for pump
- Backlit LCD HMI with keypad
- System status overview screen
- Logged data for run hours and start and fault counters
- Volt free outputs for pump start and stop signals.

Code	Description	Overloads	Enclosure Size	Number of Pumps
FPC-70011	Jacking Pump Controller – Single Phase	1.6-18A	From 300x300x150mm	1
FPC-70013	Jacking pump controller – Three Phase	1.6-18A	From 300x300x150mm	1

FIRE HOSE REEL CONTROLLER

The Fire Hose Reel Pump Controllers feature a simple auto/manual selector switch for unit operation and indicator lights for pump and power status with onboard overload protection for the connected pump. These controllers adhere to Australian Standard AS 2941-2013: Section 6.

FEATURES & BENEFITS

- IP54 rated Mild Steel Enclosure, powder coated red
- Padlockable Mains isolator switch
- Low Voltage control and input circuitry
- Contactor and Thermal overload protection for pump
- Two position selector switch for system operation
- Indicator lights for power on, pump run and overload fault.
- 24Vdc Digital switched control input

Code	Description	Overloads	Enclosure Size	Number of Pumps
FPC-71011	Hose Reel Controller – Single Phase	1.6-18A	From 300x200x150mm	1
FPC-71013	Hose Reel Controller – Three Phase	1.6-18A	From 300x200x150mm	1

RESIDENTIAL SPRINKLER CONTROLLER

The Residential Sprinkler Pump Controller gives control and status indication for one or two residential sprinkler pumps. Compliant with the current Australian Standards (AS 2941-2013: Section 7), the Residential Sprinkler Controller features push buttons for manual start and stop, pressure switch inputs for automatic control and an audible alarm via an electronic bell that sounds while pumps are running.

FEATURES & BENEFITS

- IP54 Rated mild steel enclosure, powder coated red
- Padlockable mains isolator switch
- Low voltage control and input circuitry
- Contactors for pump control
- Individual push buttons for pump start and stop
- Electronic bell for audible alarm on pump run
- Indicator light for power on
- 24Vdc digital switched control input

Code	Description	Overloads	Enclosure Size	Number of Pumps
FPC-72011	Residential Sprinkler Controller Single Pump Single Phase	1.6-18A	400x300x200mm	1
FPC-72013	Residential Sprinkler Controller Single Pump Three Phase	1.6-18A	400x300x200mm	1
FPC-72021	Residential Sprinkler Controller Dual Pump Single Phase	1.6-18A	400x300x200mm	2
FPC-72023	Residential Sprinkler Controller Dual Pump Three Phase	1.6-18A	400x300x200mm	2

HydroSTART HOT WATER CIRCULATOR
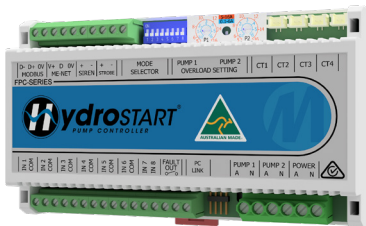
Maximising the potential and additional functionality of the HydroSTART module, these Hot Water Circulators have been designed to provide optimum protection and flexibility for water circulation applications. Featuring an intuitive capacitive touch keypad and comes complete with onboard pump current sensing and electronic overload protection. Additional control input allows for a greater range of functional integration.

FEATURES & BENEFITS

- Available in single door (IP54) and inner door (IP56) rated mild steel enclosures
- Padlockable mains isolator
- Individual pump circuit breaker protection/isolation
- Electronic short and overload protection
- Capacitive touch HMI with indicator lights and buttons for pump mode and fault reset
- Visual (strobe) and audible (buzzer) alarms
- Configurable dip switches for adjusting operational functionality

ADDITIONAL OPTIONS

- /BMS – Building Management System (BMS) module providing volt free outputs for power on and individual pump run and fault
- /ATS –Automatic generator changeover switch
- /Gen –Generator input socket and manual changeover switch
- /TC – Time clock for time-of-day operation
- /SMS - ME-Link SMS dialler for SMS communications

Code	Description	Overloads	Enclosure Size	Number of Pumps
FPC-81X41-HWC	HydroSTART Single Door, Single Phase Hot Water Circulator	0.1-16A	From 300x300x150mm	1-2 (X)
FPC-81x43-HWC	HydroSTART Single Door, Three Phase Hot Water Circulator	0.1-16A	From 400x300x200mm	1-2 (X)
FPC-82X41-HWC	HydroSTART Dual Door, Single Phase Hot Water Circulator	0.1-16A	From 400x300x200mm	1-2 (X)
FPC-82x43-HWC	HydroSTART Dual Door, Three Phase Hot Water Circulator	0.1-16A	From 400x400x200mm	1-2 (X)

31

STANDARD HOT WATER CIRCULATION PANEL

Designed to provide constant circulation of hot water through a supply system, the Standard Hot Water Circulation Panel alternates the pumps on a 4-hour cycle. The onboard time clock can be reconfigured to change the duty alternation period.

FEATURES & BENEFITS

- IP54 Rated polycarbonate enclosure
- Circuit breaker protector low voltage control circuitry
- Selector switch for auto/manual operation
- 10A 3 pin 1.5m plug and lead
- 2 X pump supply outlets, Max 6A

Code	Description	Overloads	Enclosure Size	Number of Pumps
FPC-30002	Standard Hot Water Circulator	0.1-6A	200x160x95mm	2

ADVANCED DUAL TANK LEVEL INDICATOR

MATelec Australia's advanced dual tank level indicator has been designed to provide the ultimate in accuracy, flexibility and additional control for maintaining levels of up to two tanks. With a comprehensive touch screen interface, on board data logging, programming for vessel shape, expandability via RS485 and multiple relay outputs making this the pinnacle of tank level indication.

FEATURES & BENEFITS

- IP44 rated powder coated mild steel enclosure
- Low voltage control and input circuitry
- Circuit Breaker for Protection of Low and High Voltage Circuits
- Intuitive HMI interface for simple set-up and access to logged data
- Program the shape of your tank for more accurate depth measurement
- MODBUS RS485 compatible
- Input for 2 X 4-20mA Level or Pressure transducers
- 4 X programmable relay outputs per tank

Code	Description	Enclosure Size
FPC-12718	Advanced Dual Tank Level Indicator	400x300x200mm

STANDARD INDICATION PANELS WITH MIMIC
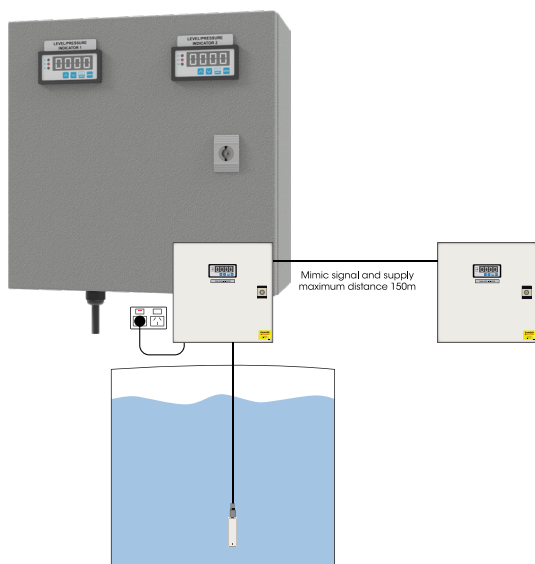
Designed to meet Australia fire regulations requiring that the tank level be visible at both the tank and the pump set. The Standard Indication Panels with Mimic series include all the features of the Standard Indication panels with the addition of an output power and a mimic signal. These signals can be transmitted 150m to a secondary panel that displays the same data.

Mimic signal and supply maximum distance 150m

FEATURES & BENEFITS

- IP44 Rated powder coated mild steel enclosures
- Low voltage control and input circuitry
- 1 (single) or 2 (dual) Simex meters for easy configuration for different parameters at each panel
- Mimic signal can be transmitted over 150m
- Master panel provides signal and power to mimic
- Can be configured for level, pressure, and flow rate easily
- BMS volt-free outputs for tank full or tank empty
- Complete with three pin plug and lead for quick connect
- Units include 1 (single) or 2 (dual) x potable water transducer (0-4m) per Simex

Code	Description	Enclosure Sizes
FPC-12705-MP	Single Tank Standard Mimic Indication Panel	300x300x150mm (Master) 300x200x150 (Mimic)
FPC-12708-MP	Dual Tank Standard Mimic Indication Panel	300x300x150mm (Master) 300x200x150 (Mimic)

STANDARD INDICATION PANELS

Available in both single and dual analog input versions, the Standard Indication Panels provide highly accurate and repeatable indication on the liquid level. These panels analog inputs can be easily configured to represent level, pressure, temperature or flow rate and are optimised to pair with MATelec Australia's proven range of transducers.
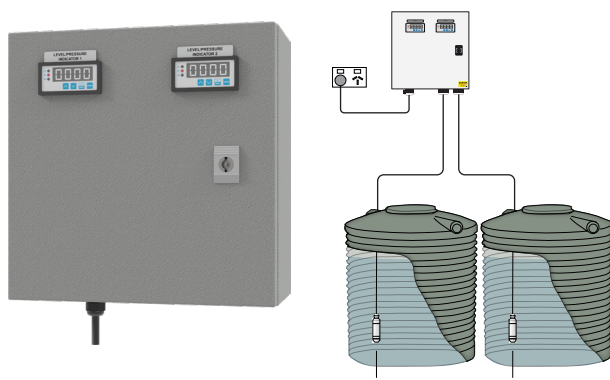
FEATURES & BENEFITS

- -BBU - Battery Back-up
- -IOT – IoT Connectivity Module
- -SMS – SMS dialler for SMS communications
- -Solar – Solar power supply

FEATURES & BENEFITS

- IP44 Rated powder coated mild steel enclosure
- Low voltage control and input circuitry
- 1 (single) or 2 (dual) Simex meters for easy configuration for different parameters
- Can be configured for level, pressure, and flow rate easily
- BMS volt-free outputs for tank full or tank empty
- Complete with three pin plug and lead for quick connect
- Units include 1 (single) or 2 (dual) x potable water transducer (0-4m) per Simex

Code	Description	Enclosure Sizes
FPC-12705	Single Standard Indication Panel	300x200x150mm
FPC-12708	Dual Standard Indication Panel	300x200x150mm

FOUR LEVEL INDICATION PANELS
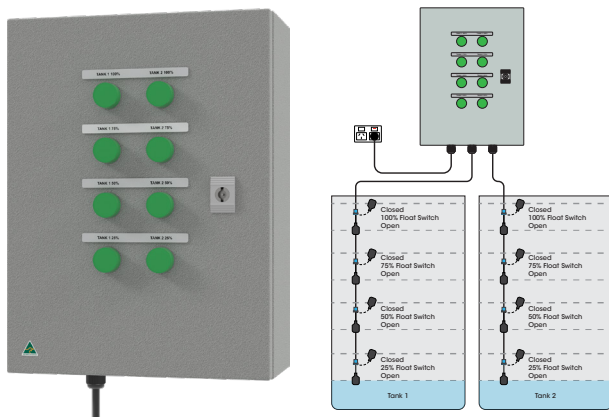
Designed to provide accurate indication up to four levels within a vessel. The Four Level Indication Panels use input control switches to indicate if the level of the vessel is above or below a set point and illuminate indicator lights for each set-point. These units provide optimum reliability and repeatability and are available in both single and dual tank variations.

FEATURES & BENEFITS

- Low voltage input and control circuitry
- Indicator lights for 25, 50, 75 and 100% fill levels
- 4 (single) or 8 (dual) x digital switched control inputs
- Complete with three pin plug and lead
- 4 (single) or 8 (dual) x 10m Float Switches included
- 4 (single) or 8 (dual) x BMS volt-free outputs for 4 levels (25%, 50%, 75%, 100%)

Code	Description	Enclosure Sizes
FPC-12703	Single Tank Four Level Indication Panel	300x200x150mm
FPC-12704	Dual Tank Four Level Indication Panel	400x300x150mm

MOTOR STARTERS

STANDARD VSD MOTOR CONTROLLER

Available in three phase only, the Standard VSD Motor Controller can be configured for manual or automatic operation of a large VSD motors or pumps. Featuring additional functionality including overload protection, under/over voltage protection, phase failure, short circuit protection, a Potentiometer for adjustable speed control, as well as the standard inputs for a working and stop set point, these highly versatile controllers are ideal for many applications.

FEATURES & BENEFITS

- IP44 Rated powder coated mild steel enclosure
- Circuit breaker protected low voltage control and input circuitry
- Short circuit and overload protection for motors
- Variable Speed Drive for motor control
- VSD user interface for viewing motor status, speed, current draw, and other parameters
- Three phase only
- Selector switch for Auto/Off/Manual operation
- 2 X 24Vac digital switched control inputs for cut off and working level

Code	Description	Enclosure Size
FPC-33905	VSD Starter Single Motor Three Phase	From 400x400x200mm

STANDARD DOL MOTOR CONTROLLER

Available in both single and three phase, the Standard DOL Motor Starters can be configured for manual or automatic operation of a single DOL motors or pumps. Featuring Overload protection and inputs for a working and stop set point, these highly versatile controllers require minimal setup, making them ideal for many applications.

FEATURES & BENEFITS

- IP44 Rated powder coated mild steel enclosure
- Circuit breaker protected low voltage control and input circuitry
- Contactor and thermal overload protection for motors
- Selector switch for Auto/Off/Manual operation
- 2 X 24Vac digital switched control inputs for cut off and working level

Code	Description	Enclosure Size
FPC-15900	Standard DOL Motor Controller Single Phase	300x300x150mm
FPC-15905	Standard DOL Motor Controller Three Phase	300x300x150mm

STANDARD SOFT START MOTOR CONTROLLER

Available in three phase only, the Standard Soft Start Motor Controller can be configured for manual or automatic operation of large soft start motors or pumps. Featuring Overload protection and inputs for a working and stop set point, these highly versatile controllers, require minimal setup, making them ideal for many applications.

FEATURES & BENEFITS

- IP44 Rated powder coated mild steel enclosure
- Circuit breaker protected low voltage control and input circuitry
- Contactor and thermal overload protection for motors
- Soft Starter for motor control
- Three phase only
- Selector switch for Auto/Off/Manual operation
- 2 X 24Vac digital switched control inputs for cut off and working level

Code	Description	Power Rating	Enclosure Size
FPC-15905-S	Soft Starter Single Motor Three Phase	1.5-22kW	From 300x300x150mm

POWER MANAGEMENT SYSTEMS

8KVA BATTERY BACK-UP

The 8kVA Battery Back-up units have been designed to provide back-up power via an inverter in the event of a mains power failure. Featuring intelligent battery monitoring and charge systems to prevent overcharge and limit discharge.

FEATURES & BENEFITS

- Free standing IP44 rated powder coated mild steel enclosure
- Padlockable DC isolator and MCCB for battery isolation and protection
- AC supply isolator
- Low voltage control circuitry
- 8kVA inverter as separate free-standing unit

Code	Description	Enclosure Sizes
FPC-12597-225	8kVA Battery Back-up - 225Ah	1200x900x400mm
FPC-12597-450	8kVA Battery Back-up - 450Ah	1200x900x400mm

6KVA BATTERY BACK-UP

The 6kVA Battery Back-up units have been designed to provide back-up power via an inverter in the event of a mains power failure. Featuring intelligent battery monitoring and charge systems to prevent overcharge and limit discharge.

FEATURES & BENEFITS

- Free standing, mild steel enclosure with IP44 rating (FPC-12596-450)
- Free Standing or Wall mount with IP44 rating (FPC-12596-225)
- Padlockable DC isolator and MCCB for battery isolation and protection
- AC supply isolator
- Low voltage control circuitry
- 6kVA inverter built into panel

Code	Description	Enclosure Sizes
FPC-12596-225	6kVA Battery Back-up 225Ah	800x800x400mm
FPC-12596-450	6kVA Battery Back-up 450Ah	1200x900x400mm

HydroSTART RAIN/MAINS PUMP CONTROLLER

The HydroSTART Rains/Mains Controller is the premium option for maximising the potential to harness and utilise collected rainwater. Providing control of up to two pumps in either DOL or Soft Start, HydroSTART features a vast array of electronic overload and pump protection features onboard. HydroSTART can be connected to more float switches to monitor tank level, allow for optimum pump performance, and maximum use of rainwater via either a 24Vac or 12Vdc valve.

FEATURES & BENEFITS

- IP56 Rated inner door powder coated mild steel enclosure
- MATelec Australia's Proprietary HydroSTART control module
- Electronic short and overload protection alarms
- Intuitive capacitive touch interface with Indicator lights for pump and input status
- Buttons for alarm mute/reset and pump mode selection
- 6 X 12Vdc digital switched control inputs
- Modbus RS485 connection for SCADA
- Programmable electronic overload and selectable dipswitches for control function
- Valve options available on request based on requirements

ADDITIONAL OPTIONS

- /PL - provision for a 12Vdc Pulse Latching Solenoid (valve purchased separately)
- /AC - provision for a 24Vac Solenoid valve (valve purchased separately)
- /BMS – BMS module providing additional volt-free outputs
- /SMS – ME-Link module for SMS alarm/status messaging
- /GEN – Generator input socket and manual changeover switch
- /ATS – Automatic generator changeover switch
- /BBHLS – Battery back-up high-level alarm
- /SS – 316 Stainless Steel enclosure
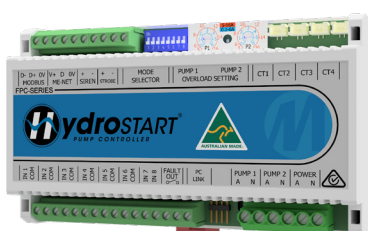
Code	Description	Overloads	Enclosure Size	Number of Pumps
FPC-82X41-RMC	HydroSTART Single Phase Rain/Mains Changeover	0.1-16A	From 400x400x200mm	1-2 (X)
FPC-82X43-RMC	HydroSTART Single Door, Three Phase Hot Water Circulator	0.1-16A	From 400X400X200mm	1-2 (X)

DELUXE RAIN/MAINS VALVE & PUMP CONTROLLER

The unique Deluxe Rain/Mains Valve & Pump Controller is the market lead in rainwater use prioritisation and maximisation. Designed to provide a continuous supply of water by monitoring the level in a tank and providing power and control to a pressure pump. When tank water is depleted or in the event of a mains power failure, the system will close the main rainwater supply valve and deactivate the pump to allow mains water to flow into the system.

FEATURES & BENEFITS

- IP56 Rated powder coated mild steel enclosure with inner door
- Padlockable mains isolator
- Low voltage control and input circuitry
- Contactor and overload protection for pump motor
- Intuitive keypad with indicator lights for rain or mains water
- System test button for testing valve operation
- Inputs for 12Vdc Float Switch and 12Vdc Pressure Switch
- 25mm 12Vdc pulse latching solenoid valve

Code	Description	Overloads	Enclosure Size	Number of Pumps
FPC-12724	Deluxe Single Phase Rain/Mains Changeover	0.1-16A	From 400x300x200mm	1
FPC-12725	Deluxe Three Phase Rain/Mains Changeover	0.1-16A	From 400x300x150mm	1

STANDARD PLUS RAIN/MAINS VALVE CONTROLLER

The Standard Plus Rain/Mains Valve Controller builds on the capabilities of the standard version. The Standard Plus comes with an additional special purpose outlet that can be employed to power an automatic pump and create a fully automated system. An additional input can be used for a pressure switch and allow for the system to detect a fall in pressure within the system and close the valve.

FEATURES & BENEFITS

- IP54 Rated polypropylene enclosure
- Low voltage control and input circuitry
- Intuitive keypad with indicator lights for rain or mains water
- System test button for testing valve operation
- Pre-wired 3 pin plug and lead
- Input for 12Vdc Float Switch (included) and 12Vdc Pressure switch
- Output for 12Vdc pulse latching solenoid valve
- 2 special purpose outlets for automatic pumps (max. 6A)

Code	Description	Overloads	Enclosure Size	Number of Pumps
FPC-12722	Standard Plus Rain/Mains Valve and Pump Controller	Max 6A	200x160x95mm	2

STANDARD RAIN/MAINS VALVE CONTROLLER

The Standard comes with a special purpose outlets that can be employed to power an automatic pump and create a fully automated system. An additional input can be used for a pressure switch and allow for the system to detect a fall in pressure within the system and close the valve.

FEATURES & BENEFITS

- IP54 Rated polypropylene enclosure
- Low voltage control and input circuitry
- Intuitive keypad with indicator lights for rain or mains water
- System test button for testing valve operation
- Pre-wired 3 pin plug and lead
- Input for 12Vdc Float Switch (included) and 12Vdc Pressure switch
- Output for 12Vdc pulse latching solenoid valve
- 1 special purpose outlet for automatic pumps (max. 6A)

Code	Description	Overloads	Enclosure Size	Number of Pumps
FPC-12721-HD	Standard Rain/Mains Valve and Pump Controller	Max 6A	200x160x95mm	1

REMOTE SIGNAL COMMUNICATORS

ME-LINK SMS ALARM/STATUS COMMUNICATOR

The ME-Link SMS Alarm/Status Communicator collects and transmits data from a controller's digital, analog and Modbus RS485 ports, whilst providing control functionality via programmable relay outputs. This empowers access, monitoring and control via simple SMS commands.

FEATURES & BENEFITS

- 2 X IP54 Rated powder coated mild steel enclosures
- Low voltage control and input circuitry
- Vandal resistant antenna for each panel
- Battery back-up for mains power fail
- 8 X digital switched control inputs
- 1 X 4-20mA analog input
- 1 X RS485 Modbus serial port
- Streamlined connectivity to MATelec Australia Hydro range control modules via RS485
- 10A 3 Pin plug and lead (1.5m) for supply
- 2 X programmable relay outputs

Code	Description	Enclosure Size
FPC-30121	ME-Link SMS Alarm/Status Communicator	300x300x150mm

ME-LINK IOT ALARM/STATUS COMMUNICATOR

The ME-Link IoT Alarm/Status Communicator maximises the potential of an integrated IoT module to provide WiFi or Cellular connectivity to the Propitect® Remote Monitoring platform. Users can access real time data and trends, plan servicing, proactively and triage and plan a response to faults in real time.

FEATURES & BENEFITS

- 2 X IP54 Rated powder coated mild steel enclosures
- Low voltage control and input circuitry
- Vandal resistant antenna for each panel
- Battery back-up for mains power fail
- Comparable inputs and outputs to the FPC-30121
- Control and monitoring in real time via the Propitect® platform
- Streamlined connectivity to MATelec Australia Hydro range control modules via RS485
- 10A 3 Pin plug and lead (1.5m) for supply

Code	Description	Enclosure Size
FPC-30121-IOT	ME-Link IOT Alarm/Status Communicator	300x300x150mm

42

TWO-WAY SMS REMOTE SIGNAL COMMUNICATOR
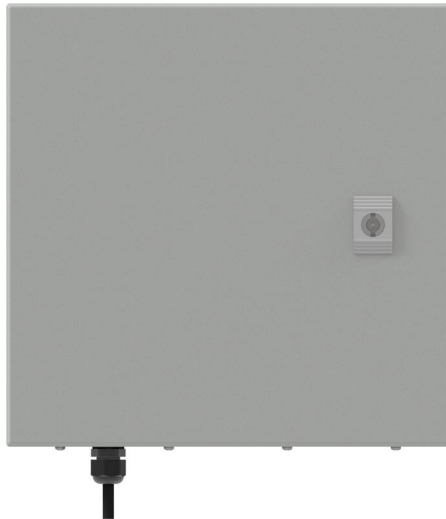
The Two-way SMS Remote Signal Communicator uses the power of MATelec Australia's ME-Link SMS module to collect and transmit multiple inputs and outputs in both directions via a cellular network. This delivers remote control functionality and alarm indication between two devices and is unencumbered by communication distance as long as a cellular network connection is available.

FEATURES & BENEFITS

- 2 X IP54 Rated powder coated mild steel enclosures
- Low voltage control and input circuitry
- Vandal resistant antenna for each panel
- Battery back-up for mains power fail
- 6 X digital switched control inputs per panel
- 2 X volt-free relay outputs per panel
- 10A 3 Pin plug and lead (1.5m) for supply

ADDITIONAL OPTION

- Solar variant
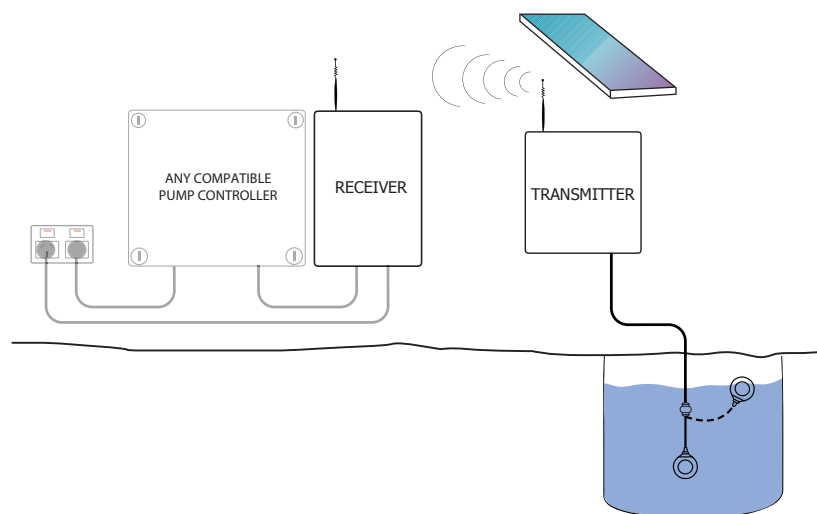
Code	Description	Enclosure Sizes
FPC-13098	Two-Way SMS Remote Signal Communicator	2x 300x300x150mm

DELUXE TWO-WAY RADIO COMMUNICATION PANEL

MATelec Australia's Deluxe 2-Way radio communication panels builds on the capabilities of the standard model. High gain antennae boost the range of these controller up to 3km in open, line of sight environments. An upgraded I/O module within the controllers allows for more data to be recorded transmitted and received. Additionally, input signals can be communicated in both directions and both panels can act as a transmitter and receiver.

FEATURES & BENEFITS

- 2 X IP56 Rated powder coated mild steel enclosures
- Low voltage input and control circuitry
- 2 X 4-20mA analog input and outputs per panel
- 6 X digital switched control inputs per panel
- 6 X digital volt-free outputs per panel
- 1 X Volt-free healthy output per panel
- 2 X remote high gain antennae with 10m Cable

Note: Fresnel Zone shown in the application diagram must be free of obstructions to insure reliable operation.

Remote Mount
High Gain Antenna

Outdoor 3km line of sight max
Urban 500m max

Fresnal zone

Remote Mount
High Gain Antenna

Outputs:
• 2x Analog 4-20mA
• 6x Digital VF
• 1x Radio Link Healthy VF

Inputs:
• 2x Analog 4-20mA
• 6x Digital 24Vdc

Inputs:
• 2x Analog 4-20mA
• 6x Digital 24Vdc

Outputs:
• 2x Analog 4-20mA
• 6x Digital VF
• 1x Radio Link Healthy VF
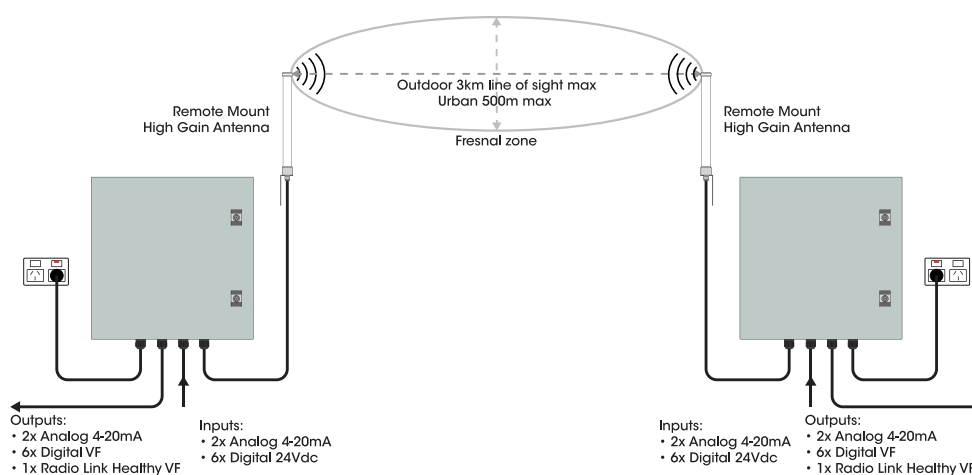
Code	Description	Enclosure Sizes
FPC-13099	Deluxe Two-Way radio communication panel	2 x 400x300x150mm

44

STANDARD RADIO COMMUNICATION PANEL
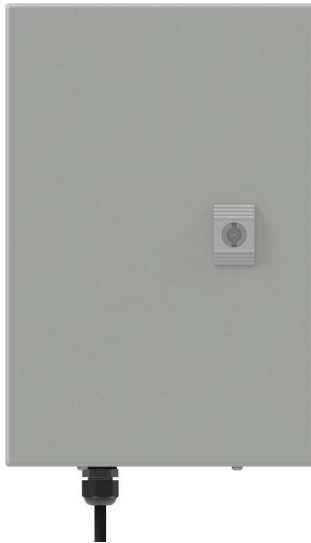
The Standard Radio Communication Panel has been designed for line-of-sight transmission to a receiver panel within a range of up to 500m. The panel takes a signal from a digital input and transmits data to a secondary receiver panel which can provide control for a relay output.

FEATURES & BENEFITS

- 2 X IP55 Rated powder coated mild steel enclosures
- Low voltage control and input circuitry
- 12Vdc Digital switched control input at transmitter
- Relay output at receiver
- 3 pin 1.5m Plug and lead for each enclosure
- 500m Line-of-site communication, burst every 60 seconds

ADDITIONAL OPTION

- Solar supply for transmitter panel (FPC-13096)
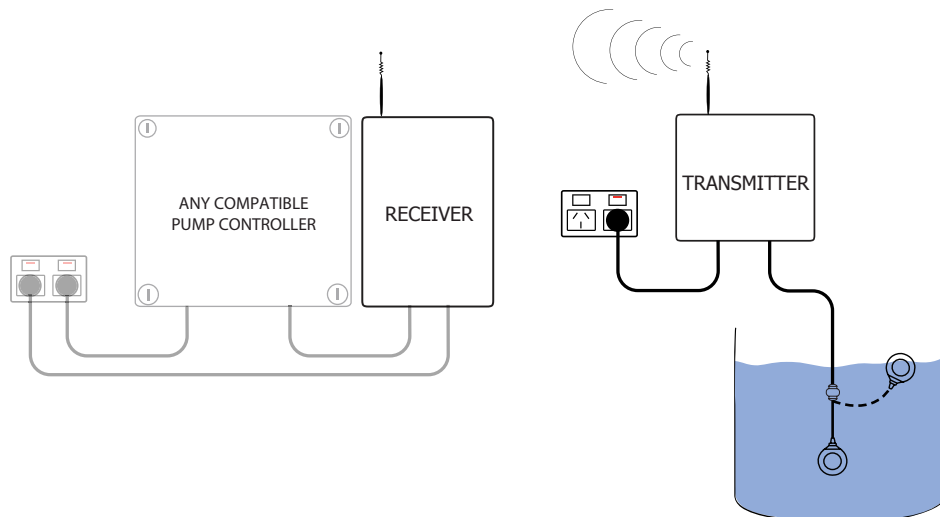
Code	Description	Enclosure Size
FPC-13095	Standard radio communication panel	2 x 300x200x150mm
FPC-13096	Standard Radio Communication Panel - Solar	2 x 300x200x150mm

MACERATOR CONTROLLER

The Macerator Controller has been specifically designed for the processing of waste in the sewage industry. The controller uses current sensing to detect an overload of a grinder due to an obstruction. To attempt a clearance of the blockage, the controller will engage the grinder to run in reverse for a period before returning to the forward direction.

FEATURES & BENEFITS

- IP54 Rated powder coated mild steel enclosure with inner door
- Low voltage control and input circuitry
- Contactor and overload protection for the grinder
- Reversible contactors to attempt blockage clearance
- Indicator lights for power on, macerator fault, jammed or overtemperature
- Local or remote-control selector switch
- BMS outputs for Macerator Fault, Run and Remote Switch On
- Various overload ratings dependent on application

Code	Description	Overload Rating	Enclosure Size
FPC-12588	Macerator Controller Single Grinder Three Phase	1.6-18A	400x400x200mm

SUBMERSIBLE LEVEL CONTROL

HydroTOUCH SUBMERSIBLE LEVEL CONTROLLER

The HydroTOUCH range of submersible controllers are the ultimate solution for pumping systems with seamless control of up to 12 pumps. HydroTOUCH features a more versatile and larger screen than HydroWHIZ controllers, along with a more comprehensive setup wizard. Additional control inputs allow a level of unsurpassed flexibility in application.

FEATURES & BENEFITS

- IP56 Rated powder coated mild steel enclosure
- Low voltage control and input circuitry
- Contactor and thermal overload protection for pumps
- Colour touchscreen HMI with extensive data logging and access to pump configuration and control, as well as a seamless setup wizard
- 5 X 24Vdc digital switched control inputs
- 2 X 4-20mA analog input with programmable set-points
- Control up to 12 pumps
- Modbus RS485 connections for SCADA
- Extensive pump monitoring and protection functions, such as anti-seize and staging
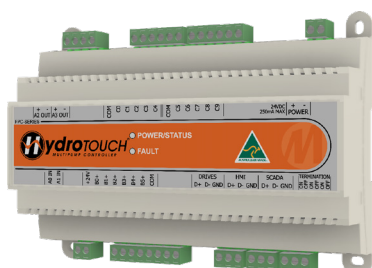
ADDITIONAL OPTIONS

- BMS – Additional BMS outputs for additional visibility
- GEN – Manual generator changeover
- ATS – Automatic generator changeover
- SMS – ME-Link SMS dialler for control and monitoring via SMS
- IOT – IoT module for communication with Propitect® IoT platform (additional platform costs apply)
- S – Soft Starter, 3 phase only

Code	Description	Overloads	Enclosure Sizes	Number of Pumps
FPC-43X41	HydroTOUCH Single Phase Level Controller	1.6-18A	From 400x400x200mm	1-12 (X)
FPC-43X43	HydroTOUCH Three Phase Level Controller	1.6-18A	From 400x400x200mm	1-12 (X)

## HydroWHIZ SUBMERSIBLE LEVEL CONTROLLER

The premium HydroWHIZ Submersible Level Controllers are an enhanced version of the HydroSTART controller. Designed with greater pump control (up to 6), more comprehensive data access, and greater input and output flexibility that empowers optimum pump control. The HydroWHIZ is simple to set-up via the colour touchscreen HMI ensuring your system is up and running sooner.

FEATURES & BENEFITS

- IP56 Rated powder coated mild steel enclosure
- Low voltage control and input circuitry
- Colour touchscreen HMI with extensive data logging and pump configuration and control
- 8 X 24Vdc digital switched control inputs
- 4-20mA analog input with programmable set-points
- Control up to 6 pumps
- Modbus RS485 connections for SCADA
- Extensive pump monitoring and protection functions, such as anti-seize
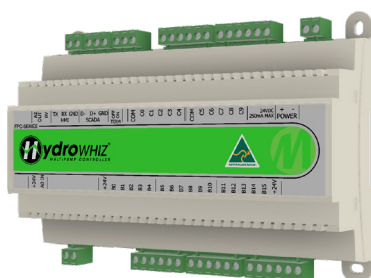
ADDITIONAL OPTIONS

- BMS – Additional BMS outputs for additional visibility
- GEN – Manual generator changeover
- ATS – Automatic generator changeover
- SMS – ME-Link SMS dialler for control and monitoring via SMS
- IOT – IoT module for communication with Propitect® IoT platform (additional platform costs apply)
- RMC/AC –Provision for 24Vac solenoid for rain/mains changeover
- RMC/PL –Provision for 12Vdc pulse latching solenoid for rain/mains changeover
- S – Soft Starter, 3 phase only

| Code	Description	Overloads	Enclosure Sizes	Number of Pumps
FPC-63X41	HydroWHIZ Single Phase Level Controller	1.6-18A	From 400x400x200mm	1-6 (X)
FPC-63X43	HydroWHIZ Three Phase Level Controller	1.6-18A	From 400x400x200mm	1-6 (X)

HydroSTART SUBMERSIBLE LEVEL CONTROLLER

The HydroSTART Submersible Level Controllers are the ideal option for up to two submersible pumps. Featuring functionality not seen on any previous generation controller, the HydroSTART includes a vast array of electronic overload, short circuit and pump protection, and uses more floats to monitor pit levels for optimum pump performance with duty alternation and duty assist operation modes.

FEATURES & BENEFITS

- IP56 Rated inner door powder coated mild steel enclosure
- Electronic short and overload protection alarms
- Intuitive capacitive touch interface with Indicator lights for pump and input status
- Buttons for alarm mute/reset and pump mode selection
- 6 X 12Vdc digital switched control inputs
- Modbus RS485 connection for SCADA
- Programmable electronic overload and selectable dipswitches for control function
- Duty assist or duty alternation programming
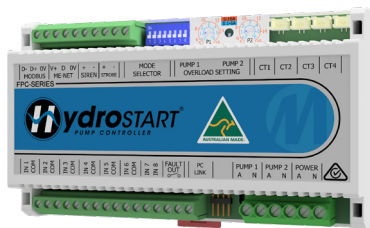
ADDITIONAL OPTIONS

- CON – Conductivity probe inputs
- BMS – Additional BMS outputs for more visibility
- SMS – ME-Link SMS dialler for control and monitoring via SMS
- IOT – IoT module for communication with Propitect® IoT platform (additional platform costs apply)
- GEN – Manual generator changeover switch
- ATS – Automatic generator changeover switch
- E, F,…. – External thermal overload for controllers requiring >16A
- S – Soft Starter, 3 phase only

Code	Description	Overloads	Enclosure Sizes	Number of Pumps
FPC-81X41	HydroSTART Single Door Single Phase Level Controller	1.6-18A	From 400x300x150mm	1-2 (X)
FPC-81X43	HydroSTART Single Door Three Phase Level Controller	1.6-18A	From 400x400x200mm	1-2 (X)
FPC-82X41	HydroSTART Dual Door Single Phase Level Controller	1.6-18A	From 400x400x200mm	1-2 (X)
FPC-82X43	HydroSTART Dual Door Three Phase Level Controller	1.6-18A	From 400x400x200mm	1-2 (X)

TANK FILL AND VALVE CONTROL

STANDARD TANK FILL VALVE CONTROLLER
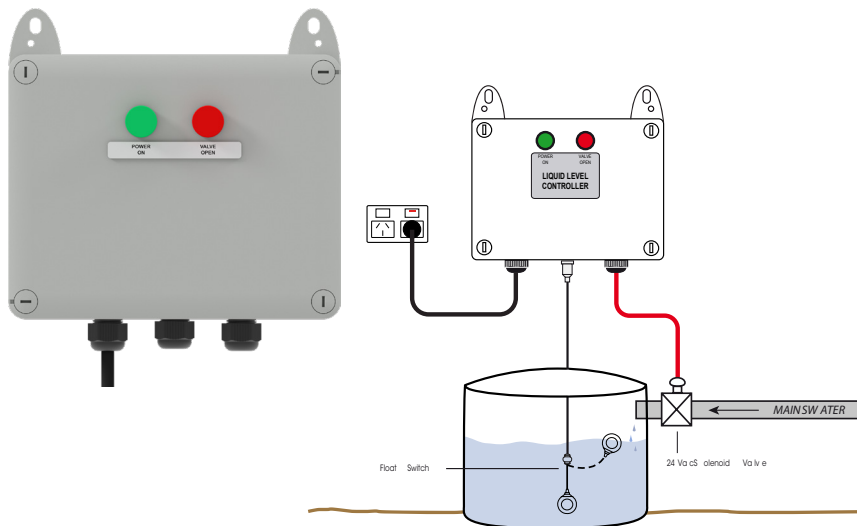
The Standard Tank Fill Valve Controller effortlessly maintains the level of fluid in a tank, reservoir or swimming pool via a single float switch. Once the liquid levels within the vessel reach the operation level of the float, the controller opens or closes the valve to maintain an optimum level.

FEATURES & BENEFITS

- IP54 Rated poly enclosure
- Low voltage control and input circuitry
- Indicator lights for power on and valve open
- 24Vdc digital switched input for float switch
- 10A 3 pin 1.5M plugs and lead
- 25MM valve and 10M float switch included

Code	Description	Enclosure Size
FPC-12700	Tank Fill Valve Shut-Off Controller	200x160x95mm

DELUXE TANK FILL VALVE CONTROLLER
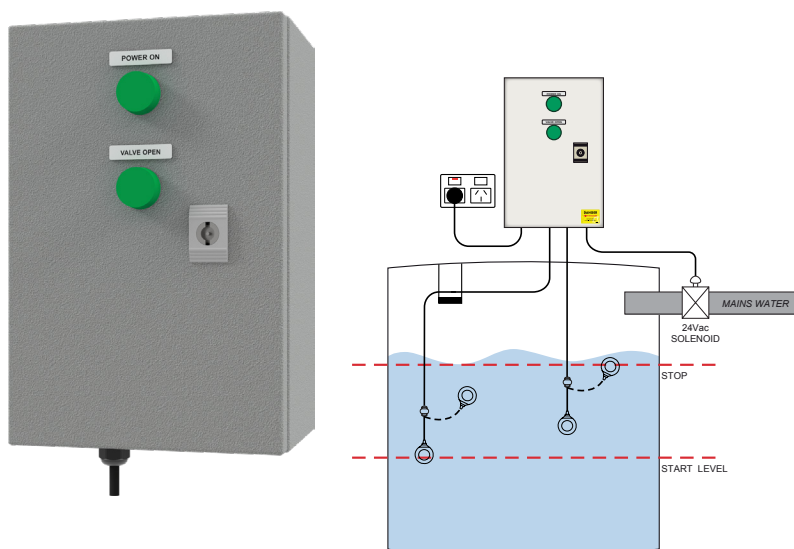
The Deluxe Tank Fill Valve Controller has expanded features with start and stop level float switch capabilities that effortlessly maintain the level of fluid in a tank, reservoir or swimming pool. The triggering of the start and stop float switches maintain an optimum liquid level in the vessel by controlling the opening or closing of the valve.

FEATURES & BENEFITS

- IP54 Rated powder coated mild steel enclosure
- Low voltage control and input circuitry
- Indicator lights for power on and valve open
- 2 X 24Vdc digital switched input for float switches for upper and lower limit
- 10A 3 pin 1.5M plugs and lead
- 25MM valve and 2 X 10M float switches included

Code	Description	Enclosure Size
FPC-12702	Dual Float Tank Fill Valve Shut-Off Controller	300x200x150mm

FIRST FLUSH DIVERSION VALVE CONTROLLER
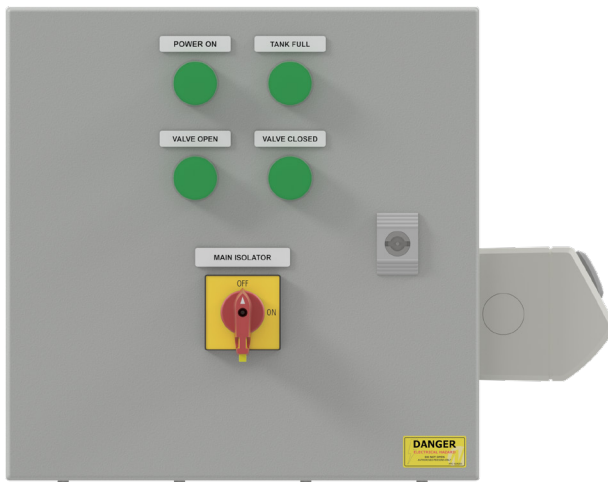
The First Flush Diversion Valve Controller performs the functions of standard Tank Fill Valve Controllers with the added functionality to detect a rain event and divert the water runoff from the surface to or from a collection tank. Whether it is to divert first flush from a roof to go directly to storm water before collection in a tank or direct contaminated water from a car park to treatment before clean water enters storm water.

FEATURES & BENEFITS

- IP56 Rated powder coated mild steel enclosure
- Padlockable mains isolator
- Low voltage control and input circuitry
- Indicator lights for power on, tank full and valve open or closed
- Input for 24Vac solenoid valve

ADDITIONAL OPTIONS

- Battery back-up variant for mains power fail
- Special purpose outlet for automatic pump connection
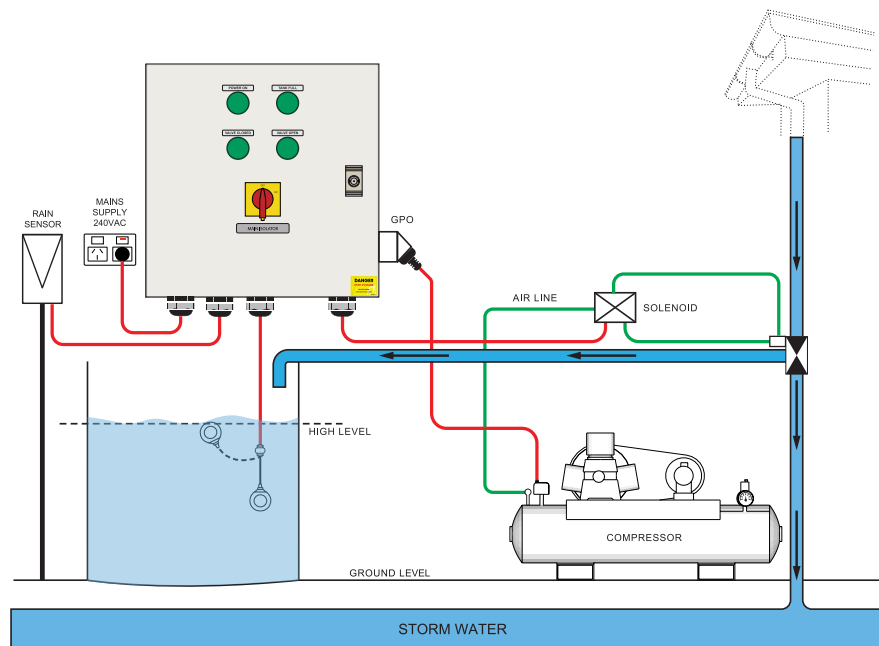
Code	Description	Overload Rating	Enclosure Size
FPC-11004	Tank Fill First Flush Diversion Valve Shut-Off Controller	Max 6A	300x300x150mm

51

TANK FILL PUMP CONTROLLER

The Tank Fill Pump Controller has been specifically designed to operate in conjunction with an automatic pump. Featuring a float switch input to deactivate supply to the pump once the tank is full, these simple, yet effective controllers ensure that reservoirs, tanks or other storage vessels can be kept at their optimum level.

FEATURES & BENEFITS

- IP56 Rated poly enclosure
- Low voltage control and input circuitry
- Indicator light for tank full
- 240V special purpose outlet for automatic pump (Max 6A)
- 10A 3 pin 1.5m supply lead and plug
- 10M float switch

ADDITIONAL OPTIONS

- Quick connect version with plug in float switch
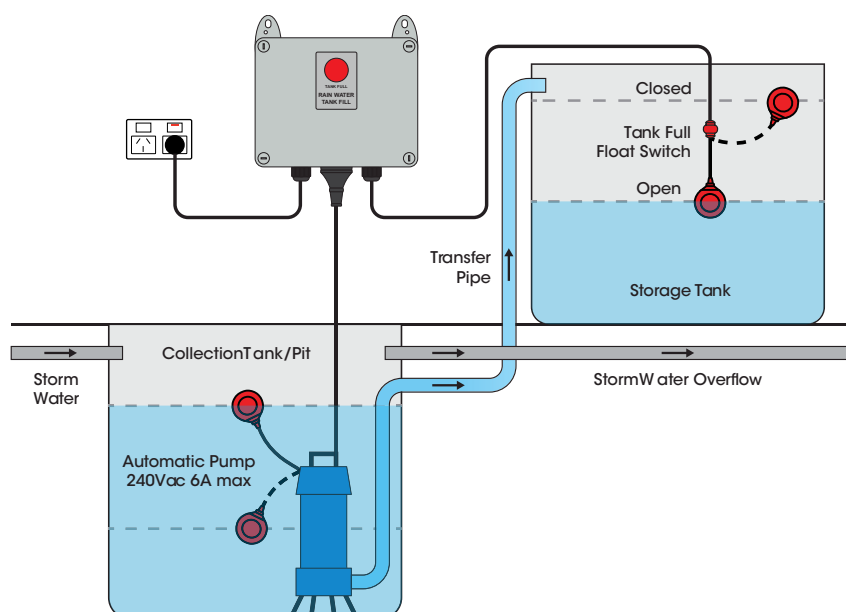
Code	Description	Overload Rating	Enclosure Size
FPC-11005	Tank Fill Pump Controller	Max 6A	200x160x95mm
FPC-11006	Tank Fill Pump Controller with Quick PlugConductivity	Max 6A	200x160x95mm

UNDERSINK/SULLAGE ALARMS

DELUXE UNDER SINK/SULLAGE ALARM WITH VALVE SHUTOFF & DISHWASHER INTERLOCK

The Deluxe Under Sink/Sullage Alarm combines the benefits of both a valve shutoff and dishwasher interlock in the event of a high level being detected in the sullage tank. Featuring a unique finger float that can be installed from the outside of the vessel. These controllers provide the ultimate in protection and functionality for under sink/sullage management.

FEATURES & BENEFITS

- IP54 Rated poly enclosure
- Low voltage control and input circuitry
- Audible buzzer for alarm indication
- Control circuitry and intuitive keypad with indicator lights
- 12Vdc digital switched control input for float switch
- Proprietary 'install from the outside of the tank finger float' with 10m lead included
- 240V GPO for connection of dishwasher supply
- 20mm pulse latching solenoid, pre-wired
- 10A 3 Pin 1.5m plug and lead
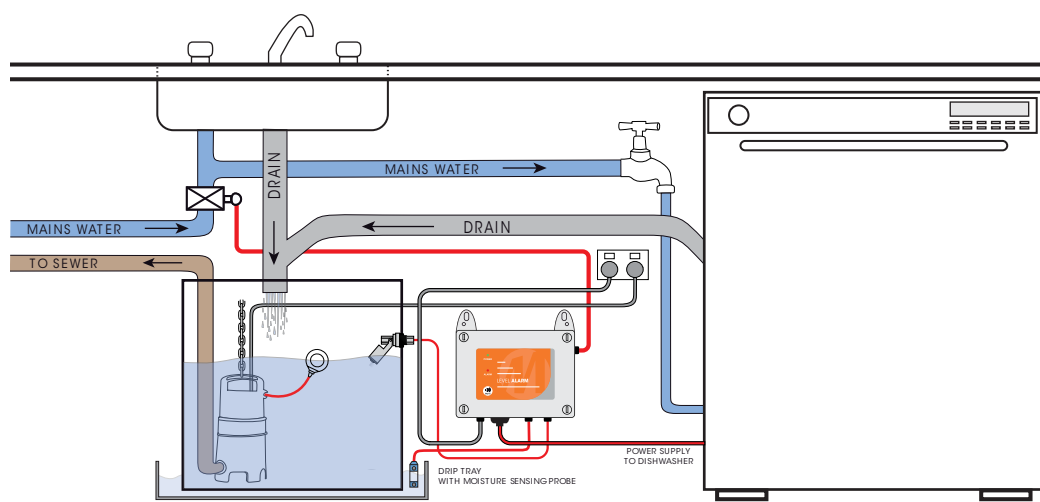
Code	Description	Enclosure Size
FPC-12661	Under Sink Alarm - Valve & Dishwasher Shut-Off	200x160x95mm
FPC-12662	Under Sink Alarm – Valve & Dishwasher Shut-Off with Conductivity	220x170x86mm
FPC-12666	Under Sink Alarm – Single Valve & Two Dishwasher Shut-Offs	220x170x86mm
FPC-12667	Under Sink Alarm – Two Valve and Single Dishwasher	180x140x86mm
FPC-12662-NDY	Under Sink Alarm – Single Valve, Auto Pump Connection, Boiler, Dishwasher and Conductivity probe for sub floor	220x170x86mm
FPC-12662-NDY2	Under Sink Alarm – Single Valve, Auto Pump Connection, Boiler, Dishwasher. Dual Conductivity Probes for Drip Tray and Sub Floor	220x170x86mm
FPC-12674	Under Sink/Sullage Chamber Alarm - Valve Shut-Off with Drip Tray Moisture Sensor	220x170x86mm

STANDARD UNDER SINK/SULLAGE ALARM WITH VALVE SHUTOFF

The Standard Under Sink/Sullage Alarm with Valve Shutoff monitors the level in an under sink sullage tank and in the event that the tank level goes full, possibly due to pump failure, the control will shut the mains water supply valve and give an alarm signal.

FEATURES & BENEFITS

- IP54 Rated poly enclosure
- Low voltage control and input circuitry
- Audible buzzer for alarm indication
- Control circuitry and intuitive keypad with indicator lights
- 12Vdc digital switched control input for float switch
- Proprietary 'install from the outside of the tank finger float' with 10m lead included
- 20mm pulse latching solenoid, pre-wired
- 10A 3 Pin 1.5m plug and lead
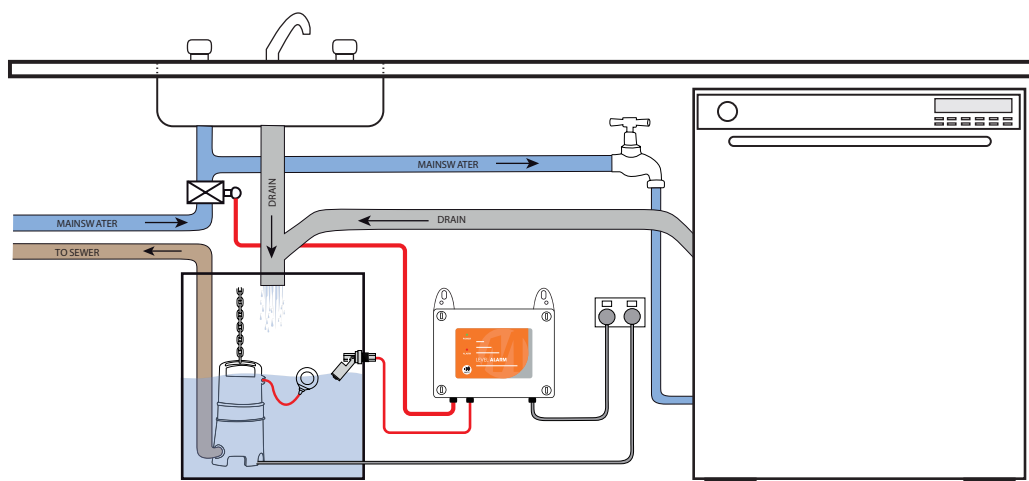
Code	Description	Enclosure Size
FPC-12659	Under Sink Alarm - Valve Shut-Off	200x160x95mm

STANDARD UNDER SINK/SULLAGE ALARM WITH DISHWASHER INTERLOCK

The Under Sink/Sullage Alarm and Dishwasher Interlock has been specifically designed to monitor the level in an under sink sullage tank. If it detects the tank level full, possibly due to pump failure, the control will shut the mains supply to the Dishwasher in the system, ensuring no further water can enter the sullage tank.

FEATURES & BENEFITS

- IP54 Rated poly enclosure
- Low voltage control and input circuitry
- Audible buzzer for alarm indication
- Control circuitry and intuitive keypad with indicator lights
- 12Vdc digital switched control input for float switch
- Proprietary 'install from the outside of the tank finger float' with 10m lead included
- 240V GPO for connection of dishwasher supply
- 10A 3 Pin 1.5m plug and lead
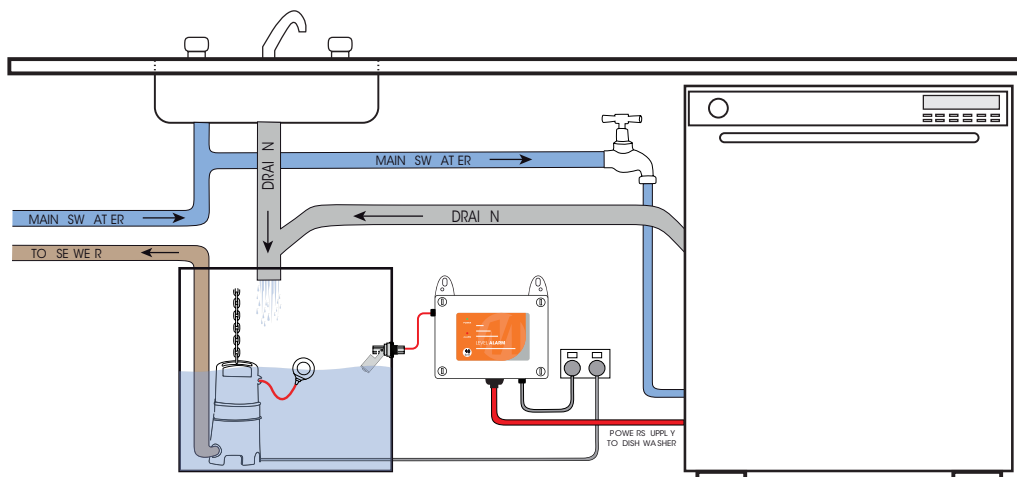
Code	Description	Enclosure Size
FPC-12660	Under Sink Alarm – Dishwasher Interlock	200x160x95mm

MONTREAUX PTY LTD trading as MATelec Australia ACN 160 835 334 ("Company") Trading Terms & Conditions For Sale of Goods. All quotations and contracts of sale are subject to the following conditions:

These Trading Terms & Conditions ("Terms") apply (unless otherwise previously agreed in writing) to the supply of Goods by the Company to a Customer from time to time. Any supply of Goods by the Company to the Customer made from time to time after the date of acceptance of these Terms is a supply pursuant to the supply agreement constituted by these Terms & the relevant order accepted by the Company ('Agreement') & any such supply does not give rise to a new or separate agreement.

1. Interpretation

In these Terms unless the contrary intention appears:

"Additional Charges" includes all delivery, handling & storage charges, goods & services tax, stamp duty, interest, legal & other costs of recovery of unpaid money & all other government imposts & all money, other than the Purchase Price, payable by the Customer to the Company arising out of the sale of the Goods.

"Company" means Montreaux Pty Ltd, ACN 160 835 334 trading as MATelec Australia.

"Consequential Loss" means
 i. loss of revenue;
 ii. loss of profit or anticipated profit;
 iii. loss of business;
 iv. loss of business reputation;
 v. loss of opportunities;
 vi. loss of anticipated savings;
 vii. loss of goodwill; &
 viii. any other loss suffered by a party as a result of a breach of this Agreement that cannot reasonably be considered to arise directly & naturally from that breach.

"Customer" means the person to or for whom the Goods are to be supplied by the Company.

"Force Majeure Event" means any event outside the reasonable control of the Company including acts of God, war, riots, strikes, lock outs, trade disputes, break downs, mechanical failures, interruptions of transport, Government action or any other cause whatsoever, whether or not of a like nature to those specified above.

"Goods" means the goods sold to the Customer by the Company & includes any services provided by the Company to Customer.

"PPSA" means the Personal Property Securities Act 2009 (Cth), as amended.

"Purchase Price" means the list price for the goods as charged by the Company at the date of delivery or such other price as may be agreed by the Company & the Customer prior to delivery of the Goods.

2. Order for Goods

2.1   An order given to the Company is binding on the Company & the Customer, if:
   2.1.1 a written acceptance is signed for or on behalf of the Company; or
   2.1.2 the Goods are supplied by the Company in accordance with the order.

2.2   An acceptance of the order by the Company is then to be an acceptance of these Terms by the Company & the Customer & these Terms will override any conditions contained in the Customer's order. The Company reserves the right to accept a part only of any order by notifying the Customer in writing or by delivering the Goods to the Customer. No order is binding on the Company until accepted by it.

   2.2.1 **Non-Standard Product Orders for Non-Account Customers**
   In situations where Credit Terms with the Company have not previously been established, fulfillment of orders for Non-Standard Product will not proceed until a deposit payment of 50% of the order value has been received by the Company. The Company will issue a Proforma Invoice with all details pertaining to the order, to enable this payment to be effected by the Customer. The Company will advise the Customer of the terms of any further progress payments required throughout the order fulfillment process. Any changes to the outlined terms will be notified in writing to the Customer.

   2.2.2 **Non-Standard Product Orders >$10,000AUD**
   For Customers with established Credit Terms, all Non-Standard Product orders valued
   >$10,000AUD will require a deposit to be paid of 15% of the order value, on placement and acceptance of the order. An additional progress payment of 15% must be paid on presentation of product drawings, where applicable. The remaining balance will be paid under normal Credit trading agreement Terms and Conditions.

   2.2.3 **Non-Standard Product Orders >$50,000AUD**
   For Customers with established Credit Terms, all Non-Standard Product orders valued
   >$50,000AUD will require a deposit to be paid of 25% of the order value, on placement and acceptance of the order. Two additional progress payments of 15% and 25% must be paid on presentation of product drawings and pre-dispatch of product, respectively. The remaining balance will be paid under normal Credit trading agreement Terms and Conditions.

   2.2.4 **Non-Standard Product Orders >$100,000AUD**
   For Customers with established Credit Terms, all Non-Standard Product orders valued
   >$100,000AUD will require a deposit to be paid of 50% of the order value, on placement and acceptance of the order. An additional progress payment of 30% must be paid pre-dispatch of product. The remaining balance will be paid under normal Credit trading agreement Terms and Conditions.

3. Warranties

3.1   Subject to any of the Company's warranty statements, the Company's liability is limited to, to the extent permissible by law & at the Company's option:
   3.1.1 in relation to the Goods:
      i.   the replacement of the products or the supply of equivalent products
      ii.   the repair of the products
      iii. the payment of the cost of replacing the products or of acquiring equivalent products; or
      iv.   The payment of the cost of having the products repaired
   3.1.2 where the Goods are services:
      i.   the supply of service again; or
      ii.   payment of the cost of having the services supplied again.

3.2   Any claims to be made against the Company for short delivery of Goods must be lodged with the Company in writing within 7 days of the delivery date.

3.3   The Customer shall inspect all Goods immediately after delivery & shall within 7 days of the delivery date & in any case prior to on-selling or otherwise using the Goods, give notice to the Company of any matter or thing by reason of which the Customer alleges the Goods or any part of the Goods are not in accordance with the sale contract & failure to give such notice shall, to the extent permitted by law, constitute unqualified acceptance & a waiver of all such claims by the Customer.

3.4   To the extent permitted at law, all other warranties whether implied or otherwise, not set out in these Terms or expressed in any warranty statement provided by the Company, are excluded & the Company is not liable in contract, tort (including, without limitation, negligence or breach of statutory duty) or otherwise to compensate the Customer for any Consequential Loss.

4. Delivery

4.1   The times quoted for delivery are estimates only & the Company accepts no liability for failure or delay in delivery of Goods. The Customer is not relieved of any obligation to accept or pay for Goods by reason of any delay in delivery. Goods may be delivered by instalments at the discretion of the Company.

4.2   Risk in the Goods passes to the Customer on delivery to the Customer (a) at or in the near vicinity of an address specified by the Customer; (b) into possession of the Customer or its carrier at the premises of the Company; (c) into possession of a carrier at the premises of the Company, engaged by the Company to deliver the Goods to the Customer; (d) to the wharf, rail-yard, or other transport loading station specified by the Customer.

4.3.   All Additional Charges are payable by the Customer in addition to the Purchase Price of the Goods.

5. Price & Payment

5.1   The Customer must pay the Purchase Price & the Additional Charges to the Company. Any Price Discrepancies must be advised by the Customer to the Company within 30 days of the invoice date.

5.2   If the Customer is in default, the Company may at its option withhold further deliveries or cancel a contract without prejudice to any of its existing rights, withdraw credit or refuse any further credit.

5.3   The terms of payment are as follows, unless otherwise agreed to in writing by the Company:
   (a)   in the case of a customer granted an approved credit account by & with the Company – 30 days from the end of the month of purchase.
   (b)   in any other case, Cash on Delivery (COD)

5.4   Interest is charged at the rate of 1.5% per month or part of a month from the expiry of that period until the date payment is received by the Company.

5.5   All amounts payable by the Customer under these Terms must be paid without set- off, cross-demand or counter claim of any kind.

5.6   Any monies refunded by the Company to the Customer, whether in consequence of the cancellation of an order or otherwise, shall be repaid without interest & after deduction of any amount the Company may be entitled to charge & it is expressly agreed that the Customer shall not make or maintain any claim against the Company for payment of interest on monies refunded or to be refunded.

6. Return of Goods

6.1 Return of Goods will not be accepted by the Company except by prior agreement in writing from the Company.
    i. Items over 12 months old will not be considered for Return.
    ii. Processing of Returns will only proceed when accompanied by a completed GRA (Goods Return Advice) issued by the Company.

6.2 6.2 The Customer agrees that the Company may deduct any Freight & Handling Charge from any credit issued in favour of the Customer's account except where the Company agrees that the incorrect product has been supplied.
    i. Any standard non-modified 'catalogued products' returned, will be subject to a restocking fee of 20% of the Purchase Price of those Goods.
    ii. Any Return of Modified or Custom Built (Bespoke) Control Panels will be subject to a restocking fee from 55% to 80%.

7. Retention of Title

7.1 Ownership, title & property in the Goods & in the proceeds of sale of those Goods remains with the Company until payment in full for the Goods & all sums due & owing by the Customer to the Company on any account has been made. Until the date of payment:
    7.1.1 the Customer has the right to sell the Goods in the ordinary course of business.
    7.1.2 the Goods are always at the risk of the Customer.

7.2 The Customer is deemed to be in default immediately upon the happening of any of the following events:
    7.2.1 if any payment to the Company is not made promptly before the due date for payment.
    7.2.2 if the Customer ceases to carry on business or stops or suspends payment or states its intention of so doing or is unable to pay its debts as they fall due or if any cheque or bill of exchange drawn by the Customer payable to the Company is dishonoured.

7.3 In the event of a default by the Customer, then, without prejudice to any other rights which the Company may have at law or under this Agreement:
    7.3.1 the Company or its agents may without notice to the Customer enter the Customer's premises or any premises under the control of the Customer for the purposes of recovering the Goods.
    7.3.2 the Company may recover & resell the Goods;
    7.3.3 if the Goods cannot be distinguished from similar Goods which the Customer has or claims to have paid for in full, the Company may in its absolute discretion seize all goods matching the description of the Goods & hold same for a reasonable period so that the respective claims of the Company & the Customer may be ascertained. The Company must promptly return to the Customer any goods the property of the Customer & the Company is in no way liable or responsible for any loss or damage to the Goods or for any loss, damage or destruction to the Customer's business howsoever arising from the seizure of the Goods.
    7.3.4 In the event that the Customer uses the Goods in some manufacturing or construction process of its own or some third party, then the Customer must hold such part of the proceeds of sale of such manufacturing or construction process as relates to the Goods in trust for the Company. Such part will be an amount equal in dollar terms to the amount owing by the Customer to the Company at the time of the receipt of such proceeds The Customer will pay the Company such funds held in trust upon the demand of the Company.

7.4 Separately, Customer hereby charges all its right, title & interest to & in the proceeds of sale of the Collateral (as defined in the PPSA) as original collateral, or any of it, in favour of the Company.

8. PPSA

8.1 Defined terms in this clause have the same meaning as given to them in the PPSA.

8.2 The Company & the Customer acknowledge that these Terms constitute a Security Agreement & entitle the Company to claim:
    (a) a Purchase Money Security Interest ("PMSI") in favour of the Company over the Collateral supplied or to be supplied to the Customer as Grantor pursuant to these Terms; &
    (b) a security interest over the proceeds of sale of the Collateral referred to in (a) as original collateral.

8.3 The goods supplied or to be supplied under these Terms fall within the PPSA classification of "Other Goods" acquired by the Customer pursuant to these Terms.

8.4 The Proceeds of sale of the Collateral referred to in clause 8.2(a) falls within the PPSA classification of "Account".

8.5 The Company & the Customer acknowledge that the Company, as Secured Party, is entitled to register its Security Interest in the Collateral supplied or to be supplied to the Customer pursuant to these Terms & in the relevant Proceeds.

8.6 To the extent permissible at law, the Customer:
    8.6.1 waives its right to receive notification of or a copy of any Verification Statement confirming registration of a Financing Statement or a Financing Change Statement relating to a Security Interest granted by the Customer to the Company.
    8.6.2 agrees to indemnify the Company on demand for all costs & expenses, including legal costs & expenses on a solicitor/client basis, associated with the;
        8.6.2.1 registration or amendment or discharge of any Financing Statement registered by or on behalf of the Company; &
        8.6.2.2 enforcement or attempted enforcement of any Security Interest granted to the Company by the Customer;
    8.6.3 agrees that nothing in sections 130 & 143 of the PPSA will apply to these Terms or the Security under these Terms;
    8.6.4 agrees to waive its right to do any of the following under the PPSA:
        8.6.4.1 receive notice of removal of an Accession under section 95;
        8.6.4.2 receive notice of an intention to seize Collateral under section 123;
        8.6.4.3 object to the purchase of the Collateral by the Secured Party under section 129;
        8.6.4.4 receive notice of disposal of Collateral under section 130;
        8.6.4.5 receive a Statement of Account if there is no disposal under section 132(4);
        8.6.4.6 receive a Statement of Account under section 132(3)(d) following a disposal showing the amounts paid to other Secured Parties & whether Security Interests held by other Secured Parties have been discharged.
        8.6.4.7 receive notice of retention of Collateral under section 135;
        8.6.4.8 redeem the Collateral under section 142; &
        8.6.4.9 reinstate the Security Agreement under section 143.
    8.6.5 All payments received from the Customer must be applied in accordance with section 14(6)(c) of the PPSA.

9. On-Sale

The Customer agrees that upon the on-sale of any Goods to third parties, it will:
    9.1.1 inform any third party involved of these Terms;
    9.1.2 inform any third party of the Company's product warranties if any; &
    9.1.3 not make any misrepresentations to third parties about the Goods.

10. Trustee Capacity

If the Customer is the trustee of a trust (whether disclosed to the Company or not), the Customer warrants to Company that:
10.1 the Customer enters into this Agreement in both its capacity as trustee & in its personal capacity;
10.2 the Customer has the right to be indemnified out of trust assets;
10.3 the Customer has the power under the trust deed to enter into this Agreement; &
10.4 the Customer will not retire as trustee of the trust or appoint any new or additional trustee without first advising the Company.

11. Indemnity

To the full extent permitted by law, the Customer will indemnify the Company & keep the Company indemnified from & against any liability & any loss or damage the Company may sustain, as a result of any breach, act or omission, arising directly or indirectly from or in connection with any breach of any of these Terms by the Customer or its representatives.

12. Force Majeure

12.1 The Company will not be liable for the consequences of any failure or delay in performing any of its obligations under this Agreement to the extent that such failure or delay is due directly or indirectly to any Force Majeure Event.

12.2 If a Force Majeure Event arises, the Company will notify the Customer in writing of the Force Majeure Event & the likely impact it will have on the Company's performance under this Agreement. If the Force Majeure Event affects the capacity of the Company to complete its material obligations under this Agreement in a timely manner, the Company may by notice to the Customer terminate this Agreement without any liability whatsoever on its part arising from that termination.

13. General

13.1 These Terms are to be construed in accordance with the laws from time to time in the State of Victoria & the Commonwealth of Australia. The parties submit to the non-exclusive jurisdiction of the Courts of Victoria, Australia & any courts which may hear appeals from those courts in respect to any proceedings in connection with these Terms.

13.2 These Terms contain all of the terms & conditions of the contract between the parties & may only be varied by agreement in writing between the parties.

13.3 Any conditions found to be void, unenforceable or illegal may, to that extent be severed from the Agreement.

13.4 No waiver of any of these Terms or failure to exercise a right or remedy by the Company will be considered to imply or constitute a further waiver by the Company of the same or any other term, condition, right or remedy.

PURCHASE ORDERS

Purchase orders can be placed with MATelec Australia by way of a number of methods:

Telephone Orders: (Free call: 1800 281 282)
Email: customer@matelecaustralia.com.au

On receipt of (receiving) a purchase order you will be contacted by a Customer Service Representative, confirming receipt of your purchase order and advising any queries pertaining to the order. Queries may include business opportunities, applicable current promotions, delivery instructions, pricing discrepancies, back orders and therefore subsequent ETA's or product alternatives etc.

On dispatch of your purchase order, Dispatch Confirmation Advice may be forwarded by email detailing delivery details including carrier and consignment note number.

MATelec Australia takes great pride in an exceptionally high order fill rate. However, in the event stock is unable to be supplied as expected, product alternatives are explored and offered where applicable. Product turn-around times will be confirmed and advised. MATelec Australia account management includes methodical customer back order management, including notification of the latest ETA's, order confirmation, order consolidation and or amendments where applicable.

TECHNICAL SUPPORT

The MATelec Australia Technical Support team provides unparalleled support to clients, installers and users of it's products. This support ranges from product selection, through to application and usage optimisation.

Since the design and manufacture of many of the products has been implemented in-house, product knowledge is a significant resource which MATelec Australia makes available to it's customer base.

QUOTATIONS

Obligation free quotations are encouraged and welcomed here at MATelec Australia. All quotations tendered or sourced are processed and submitted promptly. Quotations are processed by Sales at Head Office; a file will be opened on receipt of the quotation containing all information pertaining to the quotation.

Quotations include the following information:

MATelec Australia quotation number, quotation reference (if provided), product details, standard product packaging, quantity, price (ex GST), validity and delivery costs pertaining to quotation if applicable.

DELIVERY AND FREIGHT

MATelec Australia dispatches our panels Australia-wide. MATelec Australia enjoys the flexibility of a number of highly reputed carriers, allowing the majority of our valued customers to enjoy prompt delivery times regardless of their location. MATelec Australia is able to provide alternative express delivery methods for situations where requested.

Every product is dispatched directly from our MATelec Australia production facility in Shepparton, Victoria and is carefully picked and packed. Great pride is taken ensuring each and every product arrives at the destination in perfect condition and in a timely manner. Every order dispatched leaves MATelec Australia with weight details, number of boxes, carrier and consignment note number. That tracking number is then available for our customers to track their order.

In the event there is a query relating to delivery or freight, all enquiries are handled by our Sales Support Department from Head Office in Shepparton, VIC. Freight charges are clearly itemised on the invoice where freight is charged. The option to nominate your preferred carrier is also available.

ADMIN

MATelec Australia's Admin Department operates to an exceptionally high standard with all processes streamlined to ensure total customer satisfaction.

Based at Shepparton, our competent Admin team members are always available to promptly attend to any accounting queries. From the 48 hour turnaround time on credit applications, to the mail out by the 1st working day of the new month of customer statements, MATelec Australia pro-actively ensures that customer expectations are exceeded.

Immediate attention is given to all administration enquiries including:

- Account Balances
- Payment Receipts
- Goods Return Requests (GRA's)
- Copy documents
- Customer historical data.

MATelec Australia's Admin Department has the ability to tailor an accounting/reporting process to best meet the many varied needs of its vast customer base. Services can include:

- Statement consolidation for Group Accounts
- Settlement Discounts.

MATelec
AUSTRALIA

Free call: **1800 281 282**

customer@matelecaustralia.com.au

www.matelecaustralia.com.au

HEAD OFFICE
PO BOX 7093 Shepparton VIC 3632
5 Telford Drive Shepparton VIC 3630

SYSTEM CERTIFICATION
ISO 9001
SGS

AUSTRALIAN MADE®

AUSTRALIAN OWNED
#08303
CERTIFIED

HAPPY
PEOPLE®
are our
FUTURE