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WORTH \$460

Valid from January to February 2024



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WORTH \$460

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The promotion runs from 1 January to 29 February 2024. Entry to this promotion is open to customers of participating Powerbase Members. Terms and conditions available at participating branches.





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Our printer uses soy-based inks and absolutely NO CHEMICALS in the processing of plates.

Our magazines use paper from renewable (replenished) forests and from suppliers who hold at least one of the following certifications.















HALCYON



LED290 / LED291

Featuring dual wattage and dual colour temperature adjustability with a rugged IP54/IK10 rating. The LED290 and LED291 are now available in both White and Black and are competitively priced as a premium economy surface mount solution.

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LED290 & LED291

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LED290

- Selectable 10W/1100lm or 15W/1650lm
- D200 x H43mm



LED291

- Selectable 18W/2200lm or 28W/3200lm
- D300 x H43mm

Super easy install & XL terminal blocks









BREWERS FEST 2023 - 13- 15 OCTOBER 2023

Brewers Fest 2023, sponsored by Prysmian Cable, ended the Powerbase events for 2023 on a high note. On the 13th October, Prysmian kicked off the weekend by holding a drinks and nibbles for the 28 event winners at the Bethel Woods barbeque restaurant in Wellington. The bar was a great venue, with an awesome atmosphere and good food and drink. Mark Beckham from Prysmian thanked everyone for their support of Prysmian throughout the year as without the customers, events like these couldn't happen! The following morning Brewers Fest kicked off. We arrived at the event

early to start the Beer March, after having a bacon butty and coffee from the local bakery first of course. Even though it was rainy to begin with, it soon cleared up and the atmosphere was fantastic with a live band playing, WWE style wrestling and most importantly lots of food and craft beer! It was a great weekend, with the winners who weren't from the Wellington region staying in luxury at the Wellington Novotel 4 star hotel on Friday and Saturday night. Many thanks to Prysmian for sponsoring the event and to Powerbase for putting it together. We hope to see you at the next Brewers Fest!







Welcome to our first Marketplace issue for 2024, the promotional and business publication from the members of the Powerbase electrical wholesale group.

We hope the technical features and advertorials in this issue spark ideas that will help grow your business or make it more effective. For more details on these product ranges contact your local Powerbase branch.

Let us know if you have an industry topic or product install case study that we could feature in Marketplace. Email your submission to

national.office@powerbase.co.nz

Powerbase is the largest group of independent electrical wholesalers, all locally owned and operated. The people you deal with are the ones that own the business - so we're committed to keeping you happy!

Kevin Lynn Group Commercial Manager Powerbase Limited













iesltd.co.nz

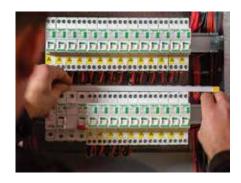
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telfers.co.nz

TEGT (





Market leader unveils next-gen residential circuit protection range, Resi9™, developed with electricians.





he new Resi9 range from Schneider Electric brings the latest in global technology and optimised performance to residential new builds and major switchboard upgrades.

Resi9 - The Complete Solution

Resi9 offers a complete residential circuit protection solution with MCBs (6A-40A), RCCBs (40A &63A), Slim RCBOs (6A - 32A), 2 module RCBOs, 1, 2 & 3P main switches, AFDDs (Arc fault Detection Devices), SPDs (Surge Protection Devices), plastic enclosures (10-60 ways), busbars, the innovative new MAXBAR™ and accessories. The scope of the range allows electricians the opportunity to enhance residential safety with their installations through improved performance, flexibility, and speed in a sleek design.

Hylton Jones, Offer Manager, Final Distribution at Schneider Electric says, "Resi9 is designed to raise the bar in residential circuit protection for New Zealand; it is faster, neater, sleeker, and more robust. The Resi9 range will eventually replace Domae, which has stood the test of time and has played an important role in many homes across New Zealand."

"We are excited to offer our customers the latest technology and optimised performance with Resi9 as a brand-new range of circuit protection including accessories and enclosures. Resi9 is designed to help electricians achieve the same functionality as Domae but with more ease and flexibility, alongside additional opportunities to enhance the quality and professionalism of their installation. There is an increased focus on sustainability, including in the new cardboard packaging and Green Premium status which meets strict global environmental regulations."

Experience MAX Professionalism

"Resi9 has the convenience and safety of

the end user in mind. This is an innovative, future-ready system which is tailored to tough Kiwi conditions. Its robust quality and flexibility of installation -with the option of feeding line from top or bottom for all devices (except 2 module RCBOs). Some of the added benefits include the larger terminal sizes for MCB's and main switches compared to Domae, also the new MAXBAR™ is a busbar that delivers phase and neutral supply to all Resi9 RCBOs and AFDDs while connecting directly to the main switch. This saves installation time by reducing the number of cables needed for an installation."

"We greatly appreciate the trust electricians and wholesaler partners have placed in Domae over the years, and we are confident that they will find Resi9 exceeds their expectations and allows them additional opportunities for enhanced value with their customers."

Installation Flexibility

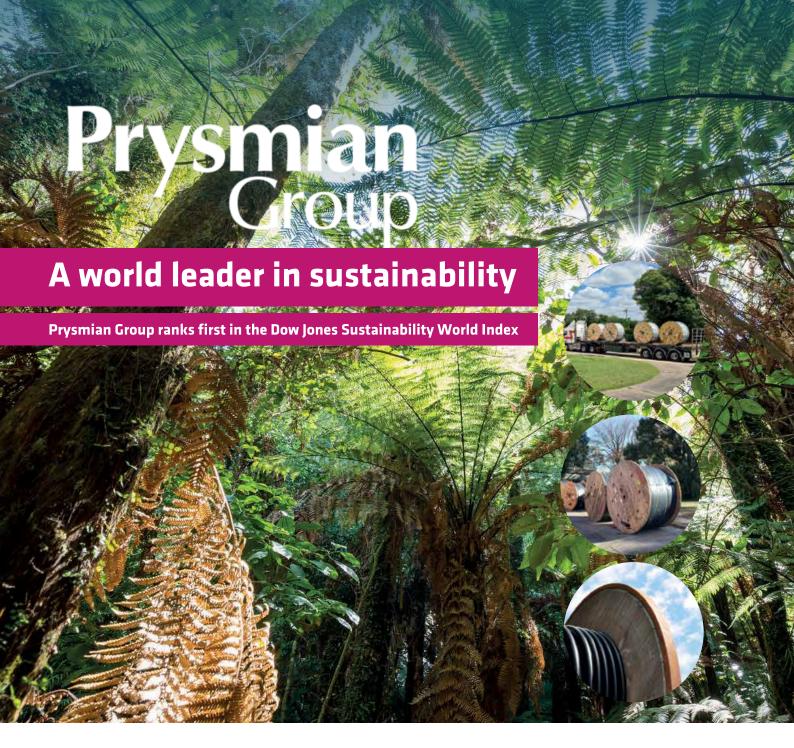
Nathan Johnston, electrician, and director of Johnston Electrical was one of the first electricians in New Zealand to take part in the field trial of Resi9. He says, "I will definitely be making the switch to the new Resi9 range. The design is high quality and robust, without compromising the look and feel. It will save a lot of time during installation and therefore save money in the long run. Times are changing, and it's important that we move with them, which Schneider Electric has done with Resi9."

Among his initial observations, Nathan applauds the fresh sustainable packaging, "One of the first things I noticed was also the new and improved sustainable packaging, which is really cool to see. It makes it easier when companies do their part to help us reduce waste and contribute towards sustainability at the end of the line."

The Resi9 range will be available from 2 October 2023 and will gradually replace the previous range, Domae, which will be discontinued from 29 February 2024.

Key product features

- New crisp white colour for a sleek more cohesive look in the switchboard
- Larger terminals on main switch and MCB
- Complete solution for residential applications with 100A rated system
- Option of top or bottom linefeeding for all devices (except 2 module RCBOs)
- Opportunity to grow business with latest innovation in circuit protection - AFDD
- Simplify communication with homeowners using easy to explain pictograms on all devices
- All the product related information (specifications, brochures, catalogues, FAQs and installation instructions) at your fingertips by scanning the QR code on all products
- Designed for tough Kiwi conditions with operating temperature range from -25 Deg C to +70 Deg C with derating
- Up to 2 times faster installation speed with MAXBAR compared to the RCCB/MCB installation
- No cables needed for feeding RCBOS with MAXBAR connecting main switch directly to any type of Resi9 RCBO and AFDDs.
- Easy to stock busbar kits with busbar, connectors, teeth covers and neutral terminal block coming all in one pack.



Linking sustainable ideas to real world results

Prysmian Group, world leader in the energy and telecom cables system industry, ranks first with 87 points on the Dow Jones Sustainability World Index. Prysmian is the only pure cable maker included in the most recognised sustainability index at global level, covering over 5,300 companies.

Our goal is an environmentally sustainable business. With services beyond the ordinary, Prysmian New Zealand offers a drum returns process to allow for recycling or future reuse of resources to minimise waste and maintain supply.















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RHINO 4200 INDUSTRIAL LABELLER DY4200 Rhino Ro

RHINO 5200 INDUSTRIAL LABELLER w HARD CASE KIT DY5200K



RHINO 6000 INDUSTRIAL LABELLER W HARD CASE KIT DY6000PLUS

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METAL BULLET TIP PERMANENT MARKER -BLACK 2PK

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Bold ink marks on wet and oily surfaces

Catalogue available - contact your local sales rep for a copy!



Terms And Conditions
Promotional pricing valid for purchases during January and February 2024 only.
Available to all Powerbase members.



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Stylish illumination with the NEW Switch Lighting ZELA décor Pendant

Switch Lighting proudly introduces the ZELA décor Pendant luminaire, marking our exciting entry into pendant lighting.

This new product emphasises our dedication to innovation and quality in luminaire design.
The ZELA décor Pendant showcases our superior ZELA optics and the latest technology with options that include our Switch Lighting Intelligent Controls – offering homeowners and designers a versatile and stylish lighting solution.

The outer trim is available in black and white, featuring an elegant matching slim ceiling rose for seamless and stylish integration with the interior design. The pendant luminaire is customisable with multiple options for beam angles and a selection of inner trim options, including black, white, gold, bronze, and copper.

Product Codes

SLPN100F Clear Glass SLPN101F Prismatic SLPN104F Lens SLPN106F Honeycomb

Get in touch to speak to our regional Lighting Consultants or visit one of our showrooms across the country to view the Switch Lighting products.

Christchurch@switch-lighting.co.nz | 03 281 8126 Auckland@switch-lighting.co.nz | 09 972 0607 Nelson@switch-lighting.co.nz | 03 970 0755

Scan the QR code to view product specs.



www.switch-lighting.co.nz









THE YEAR IN

While the previous year might have been the first to finally wrest free from the last Covid restrictions, it still stood squarely under what will likely be at least a half decade long shadow. And while no sector has gone unscathed, the year that the New Zealand craft brewing industry endured was, to put it mildly, a rough one.



Prewers were initially seeing some relief as travel returned to normal and tourism picked up, but soaring materials costs and ballooning interest rates quickly stole back any ground they had managed to gain.

Amidst all these other hurdles, an additional boot to the ribs came as the country's supply of CO2 began to dwindle after the Kapuni plant (the only domestic producer of CO2) in Taranaki was forced to temporarily shut down the previous December, As supplies of this crucial gas ran dry, the price increased by over 500% in a single week as suppliers turned to imported stock.

For consumers, the wakeup call came in July with Epic Brewing (one of New Zealand's most popular craft beer brands) falling into liquidation. Similarly established brewers Deep Creek followed in November, and Brothers Beer just narrowly avoided the same fate. The sector is without a doubt contracting, and the question for 2024 will be by how much.

It's been an unprecedentedly tough year by all measures, but keep in mind that beer has been in demand since the dawn of civilization, it's nothing if not a resilient commodity. The industry may yet have some trials to overcome, but one way or the other New Zealanders will still be raising a glass, so there is light at the end of the tunnel.

Speaking of, and to steer away from all the doom and gloom, here are a few of my top standouts for 2023 that should still be available:

EMERSONS: 'Taieri George 20th edition' Spiced Ale 9.0%abv

An extremely special version of an extremely special beer. Taieri George is brewed once a year in remembrance of Richard Emerson's father George, and his commitment to the Taieri Gorge railway line (you can see how the original typo happened. A rare spiced ale, brewed with cinnamon, nutmeg and honey. This twentieth anniversary edition was boosted up to imperial strength.

PANHEAD: 'Supercharger X' Double APA 8.0%abv

Proving that the simplest answer is sometimes the best, Upper Hutt brewers Panhead Custom Ales have taken their titanically popular Supercharger American Pale Ale and doubled the recipe. It's the Supercharger you know, but bigger, heavier and hoppier than ever before.

BOOTLEG: 'Apehanger' IPA 6.3% abv

Hamilton's Bootleg Brewery have produced this NZ/US hybrid hopped IPA for over seven years now, and despite it being consistently one of my favourites, it always seemed to struggle to gain

mainstream attention. That all changed in 2023 when Apehanger delivered a mighty performance in both the Brewers Guild Awards and the New World Top-30.



Kyoritsu 6516 and Compact adapter for complete testing of Mode 3 AC EVSE 6516BT 12 in 1 Multi • EVSE tests under various simulations - CP State / PP State simulation - CP Error / PE Error simulation Tester, now 13 in 1! • Touch pad for PE voltage check You can now test EV chargers terminals for electrical tests of EVSE with the new KEW 8602 CP signal terminals for CP adaptor is a edicated adapter for EVSE (Electric Vehicle Mains socket for load current test (MAX. 10A) Supply Equipment) installation CAT 300V rating inspections, maintenance and troubleshooting

ELLISCC

KYORITSU





Style meets smart home.

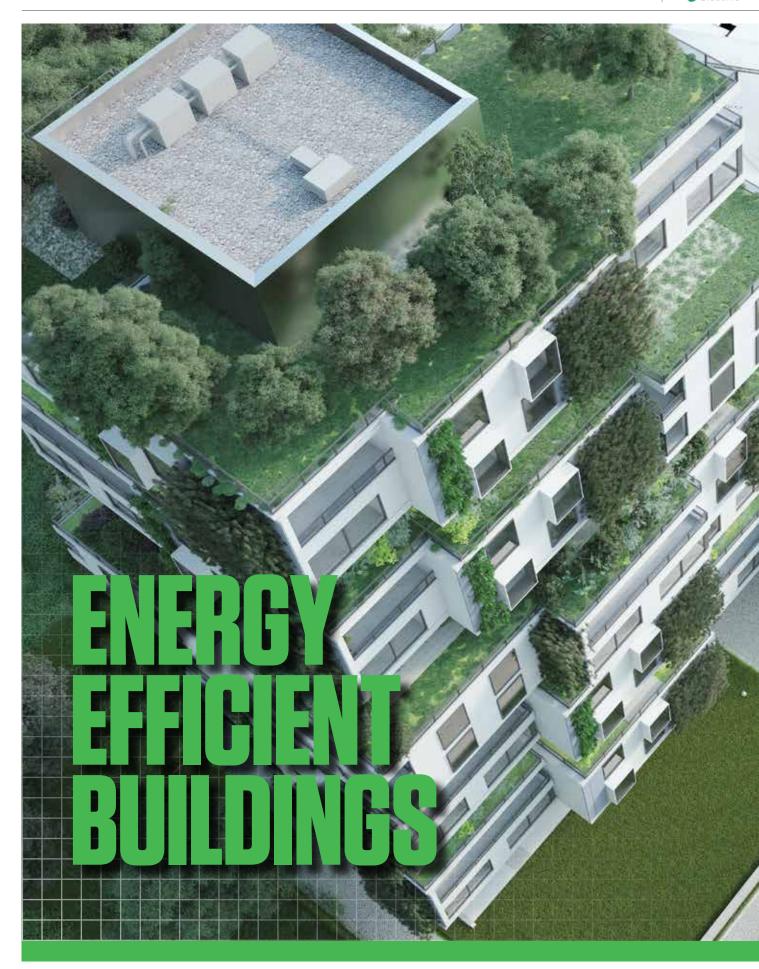
Excel Life Smart is a collection of wiring devices second to none. Combining local design and engineering with world-class smart home technology by Netatmo, this collection of switches and powerpoints blends seamlessly with existing Excel Life installations. This range has the added convenience of full home control using a wall switch, the Home+Control app, or voice via a digital assistant.

Enjoy convenience, security and greater energy efficiency without replacing existing lighting or appliances. Smarter than your average switch!



FULL CONTROL VIA THE APP, WALL SWITCH OR VOICE CONTROL.







POSSIBILITIES WITH SUSTAINABLE

s the world continues to battle coronavirus, we continue to witness large scale setbacks across several fronts, be it a financial crisis, unemployment, or deterioration of healthcare facilities. However, on the other hand, it has also brought multiple global issues to the forefront like climate change, the need for sustainable development, global warming, and more.

Since we are living in the age of the internet, people across different classes get influenced by information produced via digital media, online blogs and articles. In the last few years, a transformational shift has been visible in the subjects that are picked up by media houses, independent writers and various social media platforms like Instagram, Facebook, Twitter, etc.

As people across the globe witnessed the unpredictability of nature and the fragility of human life, they understood the need to make small investments today so that they can nurture a brighter and more sustainable tomorrow. In this article, we will throw some light on energy-efficient buildings and how they are rapidly unlocking a plethora of possibilities with sustainable innovation.

Even though most people have a basic understanding of the word 'energyefficiency', let us begin by learning the fundamentals of an energyefficient building.

What are Energy Efficient **Buildings?**

In simple terms, a green or an energyefficient building can be referred to as structures that are exclusively designed to offer a significant reduction in the overall amount of energy utilized by a building. Here we mention some of the many features integrated into most energyefficient buildings:

Solar Flectric Panels

Time and again, researchers and expert professionals across the globe have stressed on the benefits and advantages of investing in renewable energy sources like hydropower, solar panels, and windmills.

While designing a green and healthy building, the first thing that designers and builders recommend is to install a solar electric panel. It effectively converts sunlight into electricity and reduces the dependency on fossil fuels like natural gas, oil, and coal. In other terms, it ensures that the house does not contribute to environmental degradation while lowering the total amount of energy bills by a considerable margin.

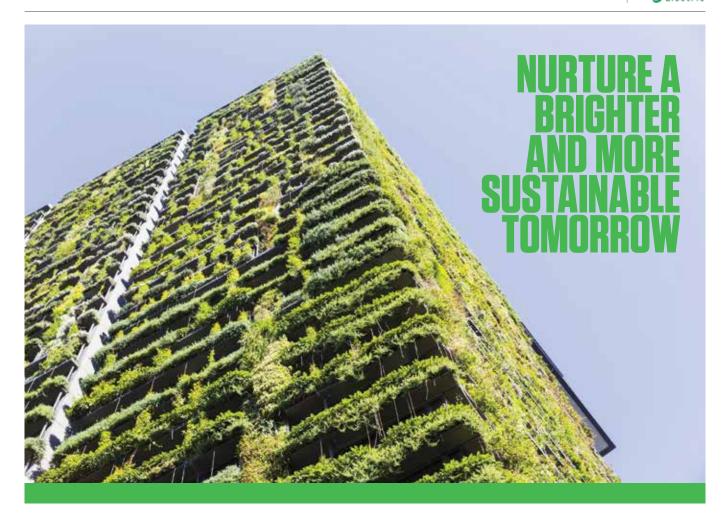
Integration of Home Automation Systems

The innovative combination of digitization and advanced technology has brought about an effective and highly productive set of home automation systems. They are a combination of software and hardware connected to a carefully planned wireless network to control home appliances via one single device like a tablet, smartphone, and more. In addition, these systems can also be remotely controlled while you are not home.

There are several types of home automation systems you can install in an energy-efficient home like power linebased home automation, wireless home automation, and BUS or wired cable home automation. All these devices will ensure that your house wastes minimal energy while saving you a significant amount of money on your utility bills.

Life Is On





Sustainable construction material

When it comes to sustainable development and building energy-efficient homes, business owners around the world have come up with novel ideas that generate revenue in an eco-friendly way. Construction of every type of building, be it domestic, industrial, or commercial, requires several resources, which leads to the release of pollutants, compounds, and oils.

On the other hand, construction material used in building a healthy building is usually inclusive of recycled steel, vacuum insulation panels, bamboo wood alternatives, insulated concrete walls, structural insulated panels, etc.

Ventilation and Moisture Control

An airtight house can protect your health and prevent energy loss by a huge margin. To simplify, the fewer loopholes and leakages in the house, the harder it is for the air to escape and get in.

So, even in extreme weather conditions, the cooling and heating systems don't have to function with full force, saving money and energy. Pipe wall penetrations, HVAC duct sealing, and window weather-stripping are some of the many locations to air seal.

What are the Advantages of an Energy Efficient Home?

Constructing smart, futuristic and healthy buildings is the first step towards building a green and sustainable world for future generations. Take a look at some of the many benefits and advantages of investing in an energy-efficient home:

- Reduction in heat loss and utility bills.
- All the installed efficient systems and designs offer improved control.
- Energy-efficient homes offer a more comfortable and healthier living environment.
- Since energy-efficient homes are thoughtfully built, they have better resale value.
- As they are constructed by expert professionals, they require less repairs and replacements.

Schneider Electric: Paving the Way towards a Sustainable Future

We are a future-ready organization that offers an array of products and solutions for a healthy and sustainable tomorrow. Our panel of expert professionals ensure that we bridge the gap between sustainability and progress while reaching global net-zero targets in a short span of time.

Sustainable retrofit, decarbonization procedures, maximization of electricity, and developing effective recyclable materials are some facilities that we offer in order to make homes more efficient and reliable.

In addition, you can also get in touch with our competent home builders, interior designers, and electricians who will ensure that all the systems are installed in a precise and accurate manner, leaving no room for electrical and technical faults. To know more about our vision, products, and services, explore our site today!

Adapted from https://blog.se.com/sustainability/2022/03/14/energy-efficient-buildings-unlocking-possibilities-with-sustainable-innovation/



Capture the growing EV charging market with a simple and easy-to-install residential EV charging solution

EVlink[™] Home



Looking to gear your business up to maximise the growing New Zealand EV residential charging market?

EVlink Home is a **simple and easy-to-install** charger that **protects the asset (car) and user**, ensures the right charge in residential settings, minimises peak impacts, and avoids power overruns - all at an affordable price.

It also allows a **convenient charge of the vehicle at home** without impacting power availability.

Please be aware this EV charger **does not** contain any smart home app connectivity options. When installing, please note entry to charger takes circular TPS.

Key features:

- In-built RDC-DD
- 1Phase: 7.4kW | 3Phase: 11kW options
- · Wall mounted
- Attached cable 5m or Type 2 socket
- Compatible with home anti-tripping system (Peak Controller)
- CTs are included with Peak Controllers
- Certification IEC 61851-1 Ed. 3.0
- RCM GMA-513376

pdl.co.nz/ev



Cars and Television go hand in hand. The site of a low slung Italian sports car or big block American muscle car blasting along in glorious celluloid gives us more than enough reason to want one someday.



Starsky and Hutch – Ford Gran Torino

As far as detective work goes, it pays to be subtle and not stick out like a sore thumb. However, it seems no one thought to tell detectives David Starsky and Ken "Hutch" Hutchinson as they rumbled around Bay City apprehending criminals in their 1974

Ford Gran Torino. Starsky and Hutch made household names of stars Paul Michael Glaser and David Soul, not to mention a cult following of that totally unsubtle and yet very cool Gran Torino.

Its bright red paint scheme and signature white stripe earnt it the nickname "The

Striped Tomato." Under the bonnet sat a 351 Cleveland V8 with a three-speed auto trans, but in later seasons this was replaced with a tyre shredding 400ci big block.

The site of Starsky sliding the Gran Torino around back alleys into the obligatory carboard boxes with tyres squealing and smoke billowing from under the Torino's skirt made for must see TV during the show's run from 1975 to 1979. It even led to many people doing the same red and white striped modifications to their car, even if the car in question was a Reliant Robin.



Magnum PI - Ferrari 308 GTS

Only Tom Selleck could make the combination of Hawaiian Shirts and a thick Moustache cool. Throw in a luxurious Hawaiian mansion, a stuffy ex-army sergeant-major running the place with a pair of Dobermans, a Ferrari 308 GTS, and you have Magnum Pl. Magnum Pl ran for nine seasons from 1980 to 1988 and catapulted Selleck to superstardom. He even graced the cover of New Zealand's first ever edition of TV Guide.

The show saw the plight of ex Naval Officer turned Private Investigator Thomas Magnum as he, and his friends TC and Rick, got involved in all manner of action-packed cases throughout the Hawaiian Islands. His vehicle of choice was his employer Robin Master's 1979 Ferrari 308 GTS, hence the number plate Robin 1.

Magnum was originally offered a Porsche 928, but this was rejected by producer Glen A Larson who opted for the glamour of the Ferrari instead. However, when production started, they found Selleck's 6ft 4 frame simply wouldn't fit inside it. The solution? Rip out all the seat padding, leaving Tommy basically sitting on the floor. Also, the roof was always off when he drove it.

The 308 would be upgraded throughout the show to the fuel injected GTSi and to the latter Quattrovalvole variants. While

there was plenty of fast Ferrari action throughout the shows run, there were more instances when the baddies in big wafting Cadillacs would manage to elude him during a chase. That aside, many of us wanted to be Magnum just to have a Ferrari to play whenever we wanted.

Knight Rider – 1982 Pontiac Trans Am

You can't leave this one out of the Top 4. Another Glen A Larson production, Knight Rider summed up the eighties obsession with futuristic technologies and acted as

KITT would be housed in the back of a Knight Industries 18-wheeler. This acted as a rolling laboratory for Michael's boss Devon Miles and assistants to ensure KITT had the latest crimefighting software and upgrades.

The show ran from 1982 to 1986, after which many fans went out to bag themselves a period Trans Am and turn it into a Knight Rider replica, complete with red light bar and correct interior. A few KITTs call New Zealand home so you might just see one.

Georgia, Bo and Luke would be jumping in through the window of the General Lee, a 1969 Dodge Charger complete with bull bars, confederate flag, a hefty 7.2L 440ci Magnum V8 producing around 375hp, and the now legendary '01' adorning each door. It was no secret both Bo and Luke dreamed of racing in NASCAR.

The General Lee spent most of its time either sideways on a dirt road or flying over a riverbed or Hazzard County Police cars, all narrated by Country Music legend Waylon Jennings. However, the General would be utterly totalled after landing each one of these spectacular jumps.

Of course, in the next shot, it would be totally fine. Legend has it that some fans of the show thought they could jump their Dodge Charger and drive off afterwards, with many finding out they couldn't the hard way.

Warner Bros destroyed so many 1968 to 1970 Chargers during production, they had a workshop with mechanics and panel beaters working around the clock to fix and repair wrecked General Lees. It got so bad that notes would be left on the windscreens of peoples Chargers from WB executives wanting to buy their cars.



a spring board in the acting career of one David Hasselhoff.

Before he was a life guard running in slow motion all the time and a huge pop star in Germany, the "Hoff" played Michael Knight, a one-man crusader against injustice. His greatest weapon, a highly intelligent Pontiac Trans Am called the Knight Industries Two Thousand, or KITT.

KITT could drive himself, eject baddies from his cockpit, and even maintain intelligent conversation with Knight while out on one of their weekly missions. These usually involved Michael saving a woman with a Bonnie Tyler hair do and KITT Turbo Boosting himself over a riverbed or road block of baddies.

The Dukes of Hazzard – 1969 Dodge **Charger General Lee**

Anyone who had a TV during the eighties would have recognised an orange Dodge Charger flying through the air with dixie blasting on the air horns and a pair of denim short shorts worn by the leggy Catherine Bach. The Dukes of Hazzard was pure old-fashioned fun.

Every week, cousins Bo and Luke Duke, along with Daisy and Uncle Jesse, would always end up on the wrong side of the law. In this case, represented by Boss Hogg, Deputy Enos and Sherriff Roscoe P Coltrane.

Set in the fictional Hazzard County in



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The latest new products and innovations.

For more information contact your local Powerbase Branch

OLIMPIA SPLENDID PANEL HEATERS

Olimpia Splendid panel heaters are robust, easy to use and ideal for a number of applications including student accommodation, rental properties and healthy homes; Olimpia Panel heaters also come with a 5 year warranty. They ship with a bracket for wall mounting, and lockable castors for portability, a tough white powder coating matches any décor. Using natural convection, Olimpia Splendid heaters run noiselessly and, because there is no fan, they are allergy and asthma friendly. All heaters are thermostatically controlled with the option to run at half power.

Olimpia Splendid heaters come equipped with a tip over safety switch to automatically switch the unit off, if it is tipped, or falls over.





EOC ETHERNET OVER COAX HIGHSPEED 1800 MBPS **NETWORKS OVER COAX CABLE**

Ethernet over Coax - as easy as a switch!

Hardwire Smart TV's, Gaming consoles, home office and much more using existing coax cables.

The EoC devices use the G.hn standard to set up an encrypted Ethernet-over-Coax network via the coaxial cable of the TV cabling . This EoC network acts like a large switch distributed throughout the whole house.

Two Ethernet-capable devices (PCs, notebooks, servers, printers, smart TVs, etc.) can be connected to each EoC device. Additionally the EoC 2-31 is equipped with WiFi.

This is possible while sharing the coax with normal TV & FM signals-including Satellite.



Features

EOC 1-32 | Ethernet over Coax | 1800 Mbps

- Peer-to-Peer
- Transmission range 5...204 MHz
- Net data rate 1800 Mbps (PHY)
- 128 bit-AES-Encryption
- 2 x RJ 45 Connectors
- Incl. external switching power supply

EOC 2-32 | Ethernet over Coax | WiFi

- Same as EOC 1-32
- WiFi for Tablet, Smartphone,
- Notebook etc.
- 2.4/5 GHz Band

Enamed State Coas COXIDS



POWERBASE NOTEBOOK

PLAYSTATION VR2

The next generation of virtual reality gaming. Innovative PlayStation VR2 Sense™ technology brings emotion and immersion to life through subtle headset vibrations, 3D audio technology and intelligent eye tracking, combined with finger touch detection, haptic feedback and adaptive triggers from the PS VR2 Sense controller1



The HERO12 Black Creator Edition is an allin-one content capturing powerhouse that makes vlogging, filmmaking and live streaming easier than ever. This complete system features pro-quality 5.3K video, HDR (High Dynamic Range) photo and video

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FUELL Fllow is not just an electric motorcycle; it's an urban e-commuter that captures the essence of freedom and innovation — fusing exhilarating performance, exceptional range, and sustainable mobility into a single extraordinary and futureproof machine.





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BEST BUY ON INLINE FAN WITH 5 WATT LIGHT

EFLIL150SOWEKIT

BLUETOOTH® JOBSITE SPEAKER WITH MAGNET AND HOOK

A-AEPJS3





- Simple Installation
- Knock outs in each end for either continuous lighting applications or in/out wiring
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- Large terminal block with two terminals per cable for easy in/out wiring
- Inline fan with 5 watt Light
- 2 speed fan
- Air extraction 335m3/h with 5m duct
- IP55
- 160mm cutout
- 5 year warranty

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PDL56E1GY



- IP66
- 1x 25mm 1x32mm conduit entries.

PDL56E2GY

- Enclosure, 2 gang PDL56E1GY
- Enclosure, 1 gang.

Life Is On



MUST HAVE 56 SERIES MODULE ADAPTORS

PDL56MO 3001LEGY PDI 56MO 3002LEGY



- IP66 (with flap closed)
- Available in 1 and 2 gang options
- Suits all 300 Series modules including SAE and Network Connectivity
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Life Is Or



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- ControlLink for multi-way triggering
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- Run-on timer feature
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Life Is Or



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GDL805 TC WH

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18W EC Inline Axial Fan

91Pa Maximum Pressure

105 l/s, 380 m³/hr

FAN7500





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- 153 l/s, 550 m3/hr
- 0.69 W/I/S Specific Fan Power

42 dB(A) Sound Level

FAN7034



The new high-pressure and energy-efficient QUIET fans have ultra-high airflow without nuisance noise and are designed to be ducted straight through a bathroom or kitchen exterior wall.

- 22W Axial Fan
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- 114 l/s, 410 m³/hr
- 0.19 W/I/S Specific Fan Power
- 41 dB(A) Sound Level

FAN7190

Standard Switching

FAN7191 **Timer Switching**

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Proven traditional design Tilting halogen centre downlight

Temperature interlocked safety feature for peace of mind

Centrifugal fan incorporating a unique anti-condensate design feature

- 635W Maximum Load
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- 3-Way Wall Switch Included

FAN0940



uses quiet DC motor technology and aerodynamic blade design to create exceptional levels of both energy efficiency and performance.



Organisers of the 103rd New Zealand Open presented by Sky Sport are looking forward to welcoming players and spectators to Oueenstown for the largest event on New Zealand's golfing calendar.

etween February 29 and March 3, 2024, professionals from New Zealand, Australia, Asia and beyond will tee up across Millbrook Resort's outstanding Coronet and Remarkables courses in a bid to lift the Brodie Breeze Trophy, first presented to the New Zealand Open winner back in 1923.

It's the 11th year the event will be held in its unique Pro-Am format with qualified amateurs paired with professionals in a simultaneous 'bestball' format as they play for the New Zealand Pro-Am Championship.

Queenstown has hosted the iconic New Zealand Open since 2007 and Tournament Chairman John Hart is always happy to return to Queenstown and Millbrook's two distinct world-class championship courses.

Millbrook Resort is the event underwriter and continues to invest heavily in the event. In the past three years or so it has launched its new nine holes (the Coronet Nine) which means it has capacity to host all four days of the tournament. It also boasts a renovated golf shop, new 1000sqm practice putting green, new driving range facility and a new fleet of golf carts.

Major Championship winners over the years to play in the New Zealand Open include Tiger Woods, Sir Bob Charles, Michael Campbell, Geoff Ogilvy, Y.E.Yang and K.J.Choi. And of course kiwi stars like Ryan Fox, Daniel Hillier, Ben Campbell and Michael Hendry have all featured in recent tournaments.

Forty-eight-year-old Australian Brendan Jones claimed the title last year after surviving the cut, timing his run perfectly with a standout 62 on the Saturday and finishing his final round with back-to-back birdies late on Sunday afternoon.

For those wanting to soak in all the action in person while exploring beautiful Millbrook Resort, spectator entry for the tournament is FREE for all ages. Organisers are encouraging visitors to bring the family down, and enjoy some of the best professional golfers from across New Zealand, Australia, Asia and beyond.

Sky Sport will broadcast all four days of the tournament with LIVE coverage starting on February 29 at 3pm. Four hours of live coverage will screen each day along with an evening highlights package showcasing the best of golf in Central Otago and New Zealand.

For more information on the tournament and to check in on player announcements, follow the New Zealand Open on social media or visit nzopen.com Z

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My partner, Jeannie & I recently competed in a barbecue cooking television show, similar to the Masterchef franchise, called Cooks of Fire. In the first challenge we were tasked to cook both "low n slow" and "hot n fast" style dishes.

So, we planned to cook one of our own personal "hot n fast" favourites reversed seared steak with a Roquefort blue cheese sauce and a medley of chargrilled seasonal veges. We have cooked this dish many times at home for friends and whanau and were confident that we would be able to pull it off in the time allowance of 30 minutes and that the judges would find the plate and flavours agreeable.

The cook went to plan and in the anxious moments whilst standing in front of barbecue royalty (the judges) the feedback was outstanding and the verdict was that we had "hit a home run!". We got praise for textures, doneness, and flavours, with one judge exclaiming "the blue cheese sauce, punched me in the face and I liked it!"



So thought I would share the method using some exquisite fellow deer back strap steaks - these can be substituted for mostly any cut of steak but flat iron, scotch and ribeye are particularly pleasing for steak connoisseurs.

INGREDIENTS:

2 x 100g Creamy Blue cheese 1 large white onion

2Tbsp White Wine (Sauvignon Blanc) 500ml Fresh Cream 100g butter



- In a pot on the stove, brown the butter
- Add finely chopped onion and sauté till soft and coloured.
- Add wine and gently reduce
- Add cheese and stir to smooth
- Add cream as required and reduce to required consistency..

- If present, trim away any silver skin or excess hard fat from the steak.
- Lightly season with salt and pepper

- Set your barbecue of choice up for indirect cooking (if unfamiliar with this technique, Google search your barbecue and "indirect" for help). Add some smoking wood splits - we use pohutukawa, but any fruit wood will pair well.
- Place the steak on to your barbecue indirect, close lid and have a beer!
- After approx 15mins and with a digital meat thermometer check steak and turn. Target internal temperature of the steak is 55c/130f for medium-rare doneness.
- Once the target temperature is achieved remove from the barbecue and wrap tightly in foil with butter for 10-15 minutes.
- Whilst the steak is resting get your barbecue cranking with plenty of

heat and flames for the final searing phase.

- Remove the steak from the foil and Remove the steak return every minute or so and remove when nice even dark crust is achieved.
- Slice the steak immediately, drizzle the blue cheese sauce over the top of the steak and serve with roasted (charred) vegetables of choice, or a fresh green salad.

It is hard to top a well-executed reverse seared steak with blue cheese sauce and is a crowd pleaser - even for the fussiest of judges! Z

TILL NEXT TIME -**KEEP THE COALS BURNING**









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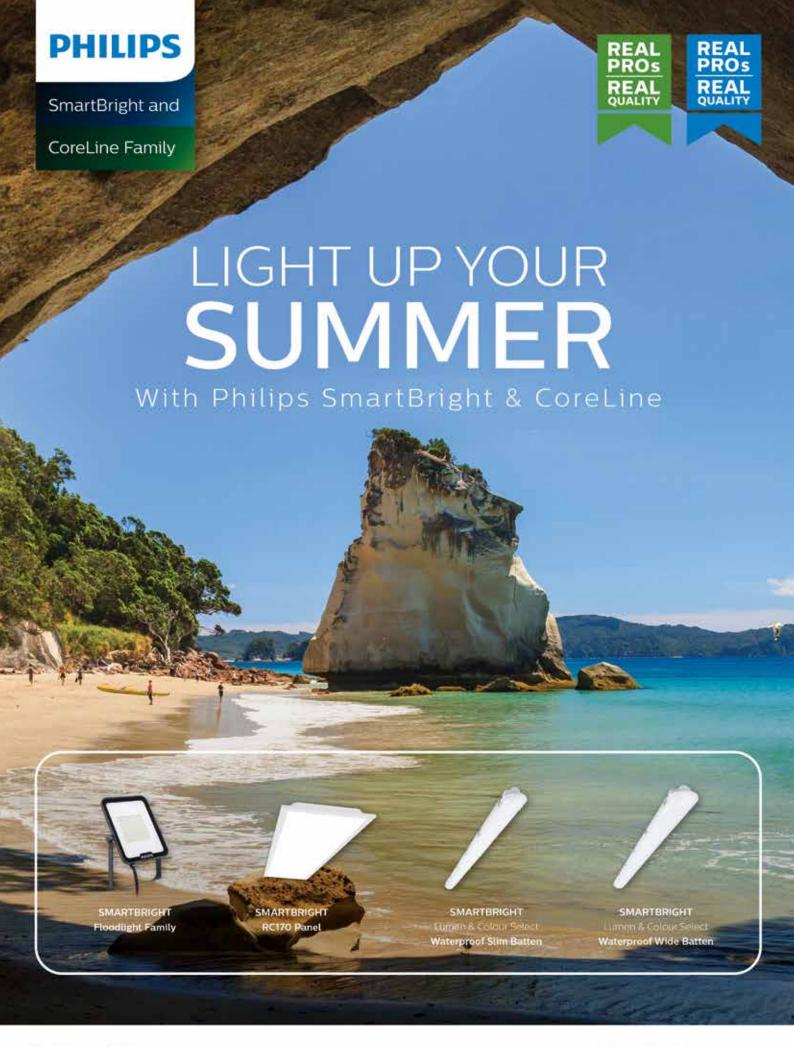
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Former Manu Samoa No 10 and freelance rugby scribe Campbell Burnes agrees that TMO overuse. at the international level, is ruining the game.

'm with Sir Steve Hansen.

The Rugby World Cup-winning coach and knight has called for rugby to do away with the TMO, or at least curtail its powers.

This follows, you'll recall, the most controversial final in Rugby World Cup history. It lasted two hours and five minutes from kickoff to no-side (!) and featured multiple interventions by TMO Tom Foley to 'help out' referee Wayne Barnes, who subsequently called time on his remarkable career.

There were some correct calls, some incorrect calls, some inconsistent calls. But as Hansen says, one certainly cannot lay the blame for how that final panned out at the feet of Barnes. We can for the infamous All Blacks' 2007 RWC quarterfinal defeat to France, or at least on World Rugby's referees boss of the time for

appointing such a green young official to such a pivotal clash.

Barnes missed a few things in the 2023 final, notably a raised elbow from Eben Etzebeth on Sam Cane. But he was still one of the top whistlers in world rugby.

The TMO was originally introduced to help the referee with contentious try rulings and later for foul play. The logic seemed sensible enough.

But now, as World Rugby runs scared from law suits by former players adversely affected by rugby-related concussions, they have gone too far in seeking to soften a dynamic and gladiatorial game that's very DNA is based on contact. Some will blame these former players, tacitly, of course, but World Rugby fears it will face ruination if it does not address player safety. While noble in theory, this stance is now alienating staunch rugby people and watchers and destroying the ability of new audiences to embrace rugby's appeal.

What you are left with is a game that takes too long to play, and is stop-start based on subjective decisions that many punters cannot even understand.

TMO rulings on high and/or dangerous tackles follow clear protocols, but those

protocols are completely subjective as every tackle is different. During the World Cup, if a player was put on report after being yellow carded, two foul play review officers went to work on ruling whether the yellow should be upgraded to red. So Sam Cane, whose high shot on Jesse Kriel was a clear yellow, found it upgraded to red. By the nature of how the officials are ruling these sort of tackles - shoulder to head it was the correct call. Strangely enough, the Siya Kolisi yellow for an accidental head clash with Ardie Savea, had more potential for injury as he ran hard from 10m away to clatter into the All Black. But, as I have maintained for two years, accidental head clashes should never incur yellow, let alone red, cards. They are accidents, even if the odd shoulder to the head is also an accident.

That is the maddening inconsistency we have in the game now. Far easier, as Hansen says, to strip the TMO of most of his power. Then we can get back to watching the game we love at the top level.

Failing that, just get along to watch your local club, old school or the NPC. That rugby is not subject to constant TMO interference and is over by the 90-95 minute mark, not two hours.



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- Weiss Apollo High Performance Mixed Flow inline fan
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- Suitable for a bathroom up to 4m x 5m



High output free air fan performance: 510m³/hr / 141.6l/sec

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WEISS 150MM CEILING EXTRACTOR SYSTEM WITH LOW VOLTAGE LED LIGHT

- 12v AC transformer and LED light included
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High output free air fan performance: 340m³/hr / 94.4l/sec

















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DOWN THE HATCH - BRANDS HATCH

With almost 100-years of 'racing' history under its belt, we feel it's time to raise a glass to one of the most iconic racetracks in the world, Brands Hatch.

With its name being a derivative from the Gaelic term 'de Brondehach', and multiple racing disciplines, the circuit's unique combination of dips, cambers, fearsome corners and hills has made Brands Hatch more of an institution than a racetrack.

It all started in 1926 when a bunch of cyclists, led by Ron Argent, decided to take a break by a mushroom field off the London-Dover road after a 125-mile bike tour. Owned by Brands Hatch farm, (and once used for military training), Argent noticed the cool bowl-shaped terrain and asked the farmer if they could use its dirt roads to practise on.

1928 saw Brands Hatch have its first proper race, a four-mile match between cyclists and cross-country runners, the runners won, thanks to Australian world champion runner Jackie Hobin. However, it was in 1947 (when Brands Hatch Stadium Ltd took charge), that the future for the track (and later the track itself) became sealed.

1950 saw the gates to Brands Hatch officially open, laying claim to being Britain's first post-war purpose-built racetrack.

In 1954, the circuit was reversed and Druids loop was added, pits and spectator banks were built and the facility began to take shape, but a potential setback occurred in 1961 when the land was sold to housing group Grovewood Securities. Thankfully 'Motor Circuit Developments' was created and things have barely slowed down since.

A defining moment in Brands Hatch's history occurred in 1964 when the Grand Prix layout was introduced. This 2.6-mile circuit quickly established itself as a challenging, high-speed circuit, demanding precision, skill, and bravery from the drivers. Over the years, it has played host to 12 Formula 1 Grand Prix events, with legends like Jim Clark, Jackie Stewart, and Ayrton Senna leaving their indelible mark on the circuit. Paddock Hill Bend acquired a fearsome

reputation, claiming the lives of George Crossman, Tony Flory and Stuart Duncan, however, the death of Jo Siffert in 1971 spurred substantial safety enhancements, such as the introduction of debris fencing and tire barriers. These modifications were instrumental in preserving Brands Hatch's reputation as a world-class circuit.

The F1 GP was last staged in 1986, due in part to a multiple start line collision that seriously injured Jacques Laffite (fellow driver and eventual Brands owner Jonathan Palmer, a qualified doctor, coming to his aid). The open expanses of Silverstone were subsequently deemed more appropriate to the authorities.

In 2004, Hatch changed hands to MotorSport Vision, the facilities were spruced up and international events like the WTCC and DTM rolled in.

Today Brands Hatch symbolises motorsport excellence, a track that has withstood the test of time and maintained its relevance in a swiftly evolving world. It's a sanctuary for motorsport enthusiasts and a circuit that authentically captures the spirit and excitement of racing.



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For FP-C6-007 & FP-C6-008



CAT6A RAPID TERMINATION TOOL

For FP-C6A-180WH & FP-C6A-180BK



305m CAT6A **GREY 10G UTP** SOLID CABLE ROLL









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EPIC-1200-SEN / EPIC-1200-SEN-EM



ARGO Weatherproof LED Batten

ARGO-600 / ARGO-600-EM ARGO-600-SEN / ARGO-600-EM-SEN ARGO-1200 / ARGO-1200-EM ARGO-1200-SEN / ARGO-1200-EM-SEN ARGO-1500 / ARGO-1500-EM ARGO-1500-SEN / ARGO-1500-EM-SEN



VYNCO TOM LONG - GOLF PROFESSIONAL



enerating extra distance is something most golfers obsess about. Increasing clubhead speed will deliver additional yardage however, there is no point in going at the golf ball 'harder' if when doing so your swing sequence breaks down. Ninetynine times out of a hundred 'accuracy' will outscore distance.

Increasing swing speed takes time – to do so you will need to strengthen your arms, legs and core as well as ensuring that you stay flexible. Be sure to continue hitting practice balls in between the strengthening of your muscles – this will help you to maintain your swing sequence which is critical to retaining accuracy.

Remember that a successful golf shot is one that hits the target (fairway or green)

I'm not suggesting that increasing the distances that you hit each club won't help - we'd all fancy our chances of hitting it closer to the flag with an 8 iron rather than

A question many pupils ask me is "Am I swinging too fast?"

A good gauge on whether you are swinging too fast will be if you are able to remain balanced throughout the entire golf swing.

There can be numerous reasons as to why amateur golfers will end up swinging the club too fast but pride is often the culprit.

- It could be because your partner has just cranked a long drive and you are trying to outdrive them.
- It could be that you are playing well and are feeling under pressure to keep your score going.
- You have selected a club that you know requires your 'Sunday best' strike to get there and as a result you end up forcing it.

To maintain your normal tempo, try this tip...

Count '1' when you start your swing, '2' at the top of your backswing, '3' at impact, and '4' at a balanced finish position.

This simple tip can help you maintain your tempo and prevent you from overthinking.





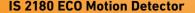


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- 12m reach.

606015 (white), 605919 (black)



LED GROUP EUROPE · AUSTRALIA · ASIA · NEW ZEALAND · AFRICA



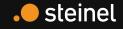
IS1 Motion Detector

- Infrared motion detector for indoor
- 10m Reach.

600310 (white), 600419 (black)



ELECTRICAL SUPPLY CORP









SLENDER ACADEMY PANEL

Compliant with Ministry of Education specifications, DALI dimming as standard, Lumen Select, 4000K, CRI90 (R9≥60), 3SDCM, UGR19 design, Flicker free design, IP40, Class II double insulated, Complete with restraint brackets and Flex & Plug.

SLA06349K19D1 600X300 11W (MIN) / 1200LM 21W (MAX) / 2000LM SLA06649K19D2 600X600 22W (MIN) / 2500LM 42W (MAX) / 4300LM

SLA12349K19D2 1200X300 22W (MIN) / 2500LM 43W (MAX) / 4300LM

SLA12649K19D3 1200X600 43W (MIN) / 5200LM 60W (MAX) / 6800LM



STREAMLINE ACADEMY BATTEN

Compliant with Ministry of Education specifications, DALI dimming as standard, Lumen Select, 4000K, CRI90 (R9≥60), 3SDCM, UGR19 design, Flicker free design, IP40

STA200LS4D4 4ft / 1200mm 24W (MIN) / 2600LM 39W (MAX) / 4000LM STA200LS5D4 5ft / 1500mm 45W (MIN) / 4600LM 71W (MAX) / 6800LM





Suspended

WALL PLATE DIMMER

TE DIMMER

Simple on/off switching and dimming control for DALI light fixtures, Configurable minimum brightness setting, Up to four DALI Wall Plate Dimmers can be connected in parallel on a DALI Line for multi-point control, Able to control up to 50 DALI drivers on a single DALI line, Only mains connection (active and neutral) and DALI connection (DA/DA) required, Can be powered by external DALI power supply connected to DALI line (no mains connection required), No external DALI power supply or other equipment is required, No programming of the device or DALI drivers is required.





Ø600mm aluminium construction with micro prism diffuser for a modern looking and glare control, DALI dimming as standard, 4000K, UGR19 design, Flicker free design, Direct & Indirect Light, Surface mounted or suspended (wire or rod).

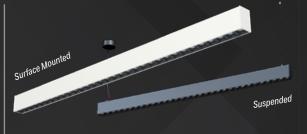
ROMISM600840DA

Surface Mounted 48W / 5500LM

ROMIWS600840DA WIRE SUSPENDED

48W / 5500LM

ROMIRS600840DA **ROD SUSPENDED** 48W / 5500LM



ELFOO LINEAR LIGHT DALL



1200mm linkable aluminium extrusion with black louvre LED modules for a modern looking and glare control, DALI dimming as standard, 4000K, UGR19 design, Flicker free design, White or black powder coated housing, Surface mounted with Direct Light or suspended with Direct & Indirect Light.

ELF0012840DAW

Direct, White 30W / 3300LM

ELFOODI12840DAW

Direct & Indirect, White 60W / 6600LM

ELF0012840DAB

Direct, Black 30W / 3300LM

ELFOODI12840DAB

Direct & Indirect, Black 60W / 6600LM



EDGE AREA LIGHT

4000K, T2 150°x75° light distribution, IP66 and IK08 rated for installing in harsh environments, Operating temp. -20°C to +50°C, Robust aluminium housing (copper content <0.1%), Complete with surface mount kit.

EDGE24WT2

24W / 3000LM





KLEIN SEST OF TOOLS

ON-THE-GO TOOL STORAGE SOLUTIONS



TRADESMAN PRO™ TOOL POUCH, 9 POCKETS

- Tool Pouch includes an electrical tape thong
- Pouch has 9 pockets for your essential tools
- Tunnel loop fits 51mm (2-Inch) belts
- Easy grab and go styling keeps your basic tools right at hand



TRADESMAN PRO™ TOOL POUCH, 6 POCKETS

- Tool Pouch has heavy duty reinforced base
- Features one deep center pocket and five outside pockets
- Space for a variety of screwdrivers and other tools, plus tape thong
- Tunnel loop fits 51mm (2-Inch) belts



CAT. NO. 5241

8-POCKET LEATHER TOOL POUCH

- Durable black leather pouch designed for electricians, service techs, and maintenance workers
- Five large utility pockets and three screwdriver and plier pockets
- Tape rule holder on the front

organisation

for easy

 Fits most belts up to 63mm wide (2.5 inches)



CAT. NO. 5178

Available at your local POWERBASE store

Promotional pricing effective from 1/01/2024 until 29/02/2024 or while stocks last. Prices exclude GST. Pictured accessories not included.



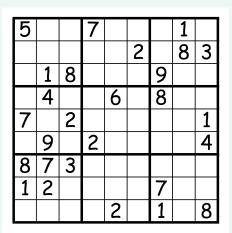
CAT. NO. 5240





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Fill in the missing boxes so that the numbers 1-9 appear in every row, column and 3x3 square.



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Send your answer to national.office@powerbase.co.r and you will go in the draw to WIN A \$50 PREZZY CARD.

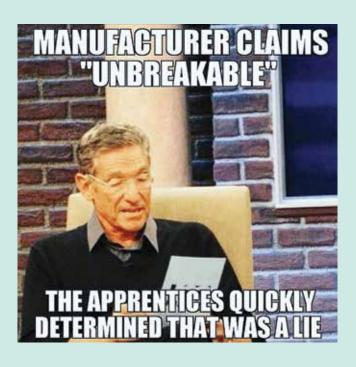
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Kepa Road Café is the younger, cooler sibling to Remuera's popular Browns Eatery and Store. Indoors, the cabinet is crammed with yummy cakes, slices, quiches and tarts.

Looking for that great morning cup to enjoy while reading Smokobreak. We look around the country and find you the best spot.





WORLD'S BIGGEST LIGHT BULB

The world's biggest light bulb is located in Edison, New Jersey. It's 14 feet tall, weighs eight tons, and sits on top of the Thomas Edison Memorial Tower.

WHICH COUNTRY USES THE MOST POWER

You guessed it, China is the world's largest consumer of electricity, using over 5.934 trillion kWh of energy annually. China accounts for almost one-quarter of global energy consumption.

THE 'HUM' OF ELECTRICITY IS DIFFERENT AROUND THE WORLD

The hum of alternating current varies depending on how quickly the current flip-flops. In the U.S., Canada, and some South American countries, current alternates 60 times per second, while in most of the rest of the world it alternates 50 times per second.

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Jackson	+5.2%	November 2023
Firstflex	+2.1%	December 2023
Klein Tools	+5.4%	January 2024
Stiebel Eltron	+2.4%	January 2024



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