

# CIRCUIT BREAKER

BBQ  
SEASON  
EDITION

**R. Redpaths**  
Suppliers of everything electrical.

Plug in  
to better  
advice.





*Have a safe happy  
holiday season*

From the Redpaths team

**Got your FREE  
2018 Diary yet?  
Why Not??**

Chase up your local Redpaths representative  
or call into the branch to get it now!



**R. Redpaths**  
Suppliers of everything electrical.





## Trade Magazine Only.

At Redpaths our focus is to the Trade.  
All pricing is to account holders only  
and is always excluding GST.

## EDITORIAL

Sarah Orange

## ADVERTISING

Paula 021 885 888  
paula@redpaths.co.nz

## PRINTER

Caxton  
Cnr Lodestar Ave & Stark Drive  
Wigram, PO Box 36411  
Christchurch 8146  
03 366 8516

## Disclaimer:

The opinions in this magazine do not necessarily reflect those of R.Redpath Limited or the publisher. Although all materials are checked for accuracy, no liability is assumed by R.Redpath Limited or the publisher for any losses due to the use of this magazine. Whilst all care has been taken in production, products and prices advertised will be on sale from the beginning of the promotional period or while stocks last. We reserve the right to substitute any of these products with similar products or vary pricing in extenuating circumstances and limited to Trade customers only.

Welcome to our December/January edition this month focusing on a kiwi staple "BBQ Season".

How did we ever work with charcoal? Gas has surely made our lives simpler although some would say you can't beat the added charcoal chalky taste.

There's something quite relaxing about sacrificing a snarler with a cold beverage and the family gathered around all suggesting "you're not turning them enough".

That aside no doubt a few of you have some holidays planned for a deserved break and maybe even the chance to turn off the mobile and have a tech free day!

Hopefully you're all enjoying our new layout and design for the Redpaths Circuit Breaker and there's something in it for you, work related or not. We are always open to suggestions and further enhancement. Our goal is to be informative, enjoyable and maybe even the odd bargain as well.

Our branches will have some limited hours over the Christmas & New Year period so make sure you have your "favourite" Redpaths staff mobile details loaded in case of an emergency.

From all the Redpaths staff here's hoping you have a great Christmas and a Happy New Year.

**Brent Cameron,**  
Director of Operations.

**Plug in  
to better  
value.**

**Plug in  
to better  
advice.**

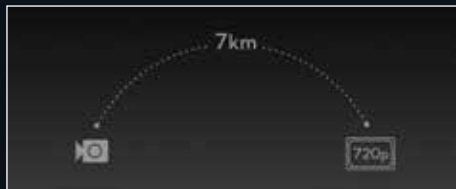
**Plug in  
to better  
service.**

# MAVIC PRO

## WHEREVER YOU GO

THE DJI MAVIC PRO IS A SMALL YET POWERFUL DRONE THAT TURNS THE SKY INTO YOUR CREATIVE CANVASS EASILY AND WITHOUT WORRY, HELPING YOU MAKE EVERY MOMENT AN AERIAL MOMENT.

Its compact size hides a high degree of complexity that makes it one of DJI's most sophisticated flying cameras ever. 24 high-performance computing cores, an all-new transmission system with a 4.3mi (7km) range, 4 vision sensors, and a 4K camera stabilized by a 3-axis mechanical gimbal, are at your command with just a push of your thumb or a tap of your finger.



### FLY FOR MILES. FROM YOUR POCKET

Inside the Mavic's pocket-sized remote controller is DJI's brand new OcuSync transmission technology, with a range of 4.3mi (7km)\*and Full HD 1080p/720p \*FCC compliant, without obstacles or interference.



### NO BUMPS AND SCRAPES

When you know what's in front of you, you won't bump into it. The same is true of the Mavic. Using FlightAutonomy it can see obstacles as far away as 49ft (15m) in front, so that it can fly up to 22mph (36kph) while avoiding the things it sees.



### ABSOLUTE PRECISION

FlightAutonomy technology means the Mavic can hover precisely in more environments, and automatically land almost exactly where you took off.



### STAY FLYING LONGER

Why fly for 10 or 15 minutes when you can fly for up to 27\*? With the Mavic you can. \*Tested in a lab under optimum conditions.



### USE EVERY SINGLE PIXEL

The Mavic is the only drone of its size to carry an integrated high-precision 3-axis mechanical camera stabilization system, giving you crystal clear photos and smooth videos, without losing a single pixel.



### TRUE 4K VIDEO. NO COMPROMISES

When you have a 4K sensor, you expect 4K results without compromises. Every shot you take with the Mavic Pro can be up to 4K, captured at 30 frames per second.

### SHOOT LIKE A PRO, AUTOMATICALLY

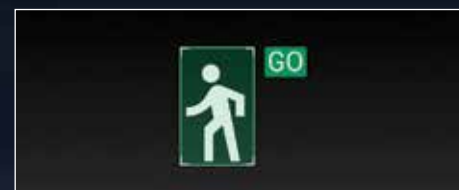
You will not need a film crew when you

fly the Mavic because all you need is ActiveTrack. Just tell it who to track and it handles the rest, making you shoot like a pro.

**Trace** - Follow behind or in front of your subject, or circle it as it moves.

**Profile** - Fly alongside your subject.

**Spotlight** - Keep the camera trained on your subject while you fly almost anywhere.



### GET IN THE FRAME

Get selfies like you've never seen before with Gesture Mode. With the Mavic in the air pointing at you, a gesture is all it takes to take a photo.



### FINELY TUNED CONTROL

If you are lining up a photo, or even flying indoors, you don't want to fly quite so fast. Flip on Tripod Mode and every move the Mavic makes becomes precise and slow.



### LEVEL HEADED

Stay at the same level height above the ground automatically. Don't worry about flying too low, the Mavic will keep you at just the right height over uneven terrain.





# MAVIC PRO

WHEREVER YOU GO

Get your own Mavic Pro from redpaths now

**\$1499** + GST



Suppliers of everything electrical.

0800 2 redpaths [redpaths.co.nz](http://redpaths.co.nz)



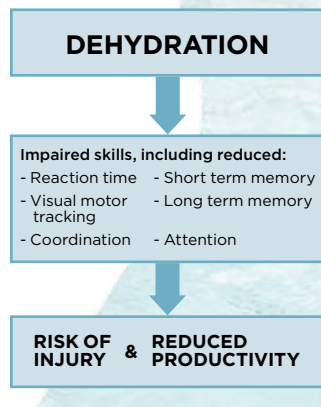
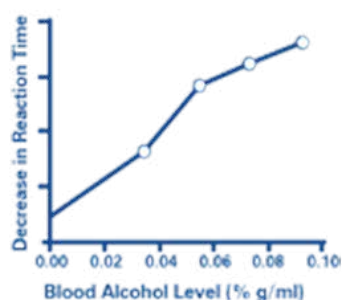
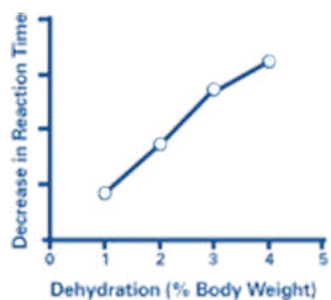
# Hydration

## what you need to know

Summer has arrived, and the warmer weather is upon us. At this time of year it is especially important for us all to monitor our hydration carefully to prevent dehydration and heat stress.

Dehydration can have severe effects on productivity and risk of injury. The negative effects of dehydration can be likened to the impairments of intoxication, having major effects on your ability to carry out your job.

Your body is made up of over 60% water. In hot conditions you can lose up to 1 to 2 litres per hour. This needs to be replaced. A 1% dehydration will negatively impact your performance by as much as 6-7%, while just 3-4% dehydration can decrease performance and productivity by a whopping 22-50%. It's like lacking oil in your car, if the engine isn't fully lubricated, it's going to struggle. Your body is your engine. Hydration is crucial to allow your joints and muscles to work to maximum ability, including your brain.



When we sweat we not only lose water but also essential salts and minerals which also need replaced to be able to effectively rehydrate. This is where an electrolyte drink is important to cover all your needs.

### SIGNS AND SYMPTOMS:

- Memory lapses.
- Decreased reaction time.
- Lack of energy and tiredness.
- Headaches and dizziness.
- Constipation.
- Heart palpitations.
- Bad breath and dry mouth.
- Pain in joints and muscles.
- Dry skin or lack of elasticity.

Pinch skin on the back of your hand between your thumb and forefinger, if it bounces right back you are fine, if it takes time to bounce back you are dehydrated.

Infrequent urination or strange coloured urine. A properly hydrated body will urinate 4-7 times a day.

### Preventing Workplace Dehydration:

- Start the day hydrated. Plan ahead, hydrate the night before if you have a physical day planned the following day.
- Recognise the signs and symptoms and take action right away.

Body Weight Dehydration as a %	1-2%	3-6%	7-14%	15-20%
Severity	Moderate	Moderately Severe	Very Severe	Extreme
Symptoms	6-7% reduction in physical work rate	22-50% reduction in work rate	Potentially Fatal	Usually Fatal

Be sure to have constant access to water and electrolytes all day. Your body requires 8-10 glasses of water on an average day, physical activity and heat stress will increase this requirement. Be sure to cater for this.

Be sun smart. Wear sunblock, a hat and eye protection when working in hot conditions.

Wear light coloured, cool clothing that allows good airflow and sweat evaporation.

Have a well planned hydration management procedure in place for your workplace. Have cool water easily accessible, electrolyte drinks available and a hydration specialist trained for advice within your workplace. Make everyone aware of the procedure and have everyone follow it.

Look out for symptoms within your colleagues and proactively assist where needed. You could be saving their life and others around them. **R**

## Are You Dehydrated?

### Check this Urine Colour chart to find out

Urine Colour	Hydration Advice
Light Yellow	Doing ok, you're probably well hydrated. Drink water as normal.
Yellow	You're just fine. You could stand to drink a little water now, maybe a small glass.
Orange	Drink about 250ml of water within the hour, or 500ml if you're outside and/or sweating.
Brown	Drink about 250ml water right now, or 500ml if you're outside and/or sweating.
Dark Brown/Red	Drink 1L of water right now. If your urine is darker than this and/or red or brown, then dehydration may not be your problem. See a doctor





# No losers. **You're a winner!**

Get a **\$50 Prezzy® Card**  
when you buy **24 x Philips  
Essential SmartBright  
G2 Downlights** from your  
local Redpaths branch.



Buy Philips  
Downlights  
**to win!**

Terms and conditions apply. While stocks last.



## PHILIPS



# NRL Grand Final Trip

Melbourne Storm vs Queensland Cowboys

HOSTED BY LEGRAND AND POWERBASE, REDPATHS & SEVERAL LUCKY CUSTOMERS TRAVELLED TO SYDNEY FOR THE NRL GRAND FINAL BETWEEN THE MELBOURNE STORM AND THE NORTH QUEENSLAND COWBOYS!

Arriving on Saturday we parked ourselves on Darling Harbour's waterfront & enjoyed some fantastic Aussie sporting theatre as the AFL Grand Final was played out. We were joined by Kiwi league legend Darryl Halligan & many of us hung off every word as he explained the technical side of the game we love.



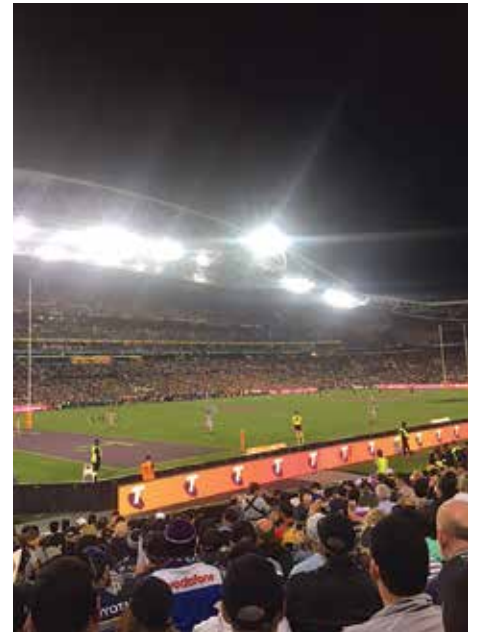
Sunday saw us joined by another kiwis star Awen Guttenbeil. We were treated to a magnificent boat cruise through Sydney Harbour. Many of us admiring the waterfront properties we can only dream of affording!

The boat dropped us next to ANZ stadium & we sampled some more big match Australian culture. The streets around the ground were packed with parties. The atmosphere was simply spectacular.




During the pre match show Macklemore performed his hit song "Same Love." It has become an unofficial anthem in Australia for marriage equality & the NRL made their stance clear with supportive messages on the big screens & rainbow fireworks.

When the match kicked off the Storm proved why they are considered one of the best teams to ever play the game. Led by immortals Cameron Smith, Billy Slater & the retiring Cooper Cronk



they simply had too much class for the Cowboys running out winners 32-6.

We jumped back on the boat for a return harbour cruise & enjoyed the lights of Sydney's landmarks before all agreeing we would do it again next year! 





# Firstflex has a **NEW!** CATALOGUE!



**Grab a copy from your local Redpaths Branch  
and go into the draw to WIN A SUMMER BBQ PACK!**

Pack includes: Weber Q BBQ, Firstflex 41L Icebox and \$200 Countdown Voucher.



This Promotion is exclusive to R.Redpaths and starts 1st December 2017. Entries close 31st January 2018. Winner will be drawn by 9th February 2018.

# SUMMER

must do's this holiday season

## SEE LIVE MUSIC OUTDOORS

Get outside while the weather is good, enjoy the rays, a cold drink and the chilled-out atmosphere of great music to complete the package. To find an event in your area see [www.eventfinda.co.nz](http://www.eventfinda.co.nz), select your area and click Concerts and Gigs.



## HAVE A STREET PARTY

Street parties are a great kiwi tradition. Back in the day we would all gather on the street to catch up with our neighbours and friends. Food was eaten, and drinks were shared while the kids played backyard cricket, on the road! With our busier lives and more congested roads this has gone by the wayside. Take the opportunity this summer to reconnect the neighbourhood community. Hold a backyard BBQ party and invite the whole street.



## BE A TOURIST IN YOUR OWN TOWN OR CITY


Often in our day to day hustle and bustle we neglect the beauty and charm of our own area. Take some time this summer to check out and appreciate what our tourists see

Make a date, look up your own local tourism site, find something you haven't seen before and check it out. Enjoy your own back yard, you will be amazed what you might find.



## TAKE A ROAD TRIP WITH NO DESTINATION IN MIND

Pack the car on Friday, jump in and just start driving. Take some back roads, get off the beaten track and take the path unknown.

Discover some of the small towns and remote areas of New Zealand. There are so many places to be seen. It could be the greatest adventure of your life! 





# HUGO LIGHTING

Redpaths  
**200%**

Contractor  
Guarantee

**Sick of faults?  
Losing money?  
Want reliability?**

## Hugo LED Downlight Range\*



No questions asked — 200% guarantee.

\*Terms and Conditions apply.

**Exclusively at Redpaths.**

**R. Redpaths**

**Plug in to better products.**



# NEW Raytech range HAPPYLINE

**10**  
OHUG 10 YEAR  
ANNIVERSARY  
2007 — 2017

**The revolutionary mini accessories with 3 entrances, pre-filled with gel and suitable for submersible installations (IPX8).**

Designed in 3 dimensions to rapidly insulate and seal the most commonly used connectors. The 3 entrances not only guarantee the extreme flexibility in the range of these products by making possible triple configurations but also by the housing accepting a wide variety of connectors.



Configuration  
Examples



**Contact your local  
Redpaths representative  
to find out more**

[redpaths.co.nz](http://redpaths.co.nz)

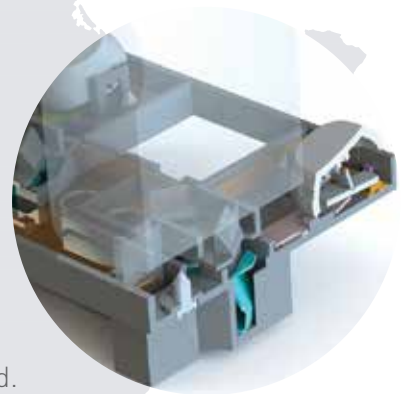






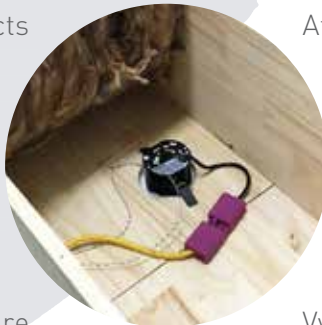
## QUALITY DESIGN AND QUALITY TESTING

Based in Christchurch, Vynco has its own team of in-house engineers who are constantly challenging industry traditions to develop high quality innovative products. Product integrity is one of Vynco's key values, with research and development sitting at the heart of the business. Over 60% of Vynco product is designed, engineered or assembled by Vynco. Alongside this, Vynco has an intensive quality control and testing procedure, which is completed in-house in Christchurch, to ensure all products meet the highest industry standard.



## WHY IS QUALITY SO IMPORTANT?

In today's fast moving industry, products and methods are evolving quicker than ever before. With new technology regularly entering the market, it is important to make sure to keep up with current trends. However, it is also important to ensure that these products are of a good quality, and aren't going to fail. There are certain hallmarks of quality to look for in products, such as IP rating, UV rating, chemical resistance, safety improvements, backed up by comprehensive quality control. By understanding what these features offer and their benefits, you can save time and labour in the long term, and keep your customers happy.



## 25 YEARS OF INNOVATION AND SERVICE

After 25 years of business, Vynco prides itself on being fully committed to quality, innovative products. 2017 marks a quarter century milestone for the company, now with premises spread between three major cities and with twelve sales representatives out in the field around the country. Vynco's commitment to quality can be seen right through from the development of a new product to the customer service received over the phone. Wherever you are in New Zealand, we are focused on providing the best service possible to ensure the operation of your business is smooth and pain-free.



# THE SPACE RACE

technology helping big business get to space

Ok, so we are all looking forward to the BBQ season, apart from the storm a few weeks back things have been looking up! As you think about firing up the BBQ and getting that flame going for the steak – there are people out there looking at firing up another type of flame. Much, much bigger. So big in fact that it will project our future generations into space. Forget the old rules of space. Now anyone with enough money and enterprise can get there. This race isn't about countries – it's between companies. And we are in the era of business disruption.



Pluto as seen by New Horizons

From its early days with the launch of Sputnik in 1957 and Yuri Gagarin's flight in 1961, human exploration of space has been dominated by the Cold War rivalry between the

it was a mission to visit the last planet left unexplored in the solar system. But a revolution has been taking place. Technological advances are overturning traditional models for

1,500 of them orbiting above us. We all use the technology provided in our regular day to day lives, from watching your television shows to navigation on your smartphone.

---

The whole purpose of the company is not to build rockets [but] to enable access to space - Peter Beck, Rocket Lab

---

USSR and US - and in particular the race to be first to the Moon.

Throughout this tumultuous struggle for the “high ground of space”, business took a back seat - it was governments that paid for and sustained the space effort especially around satellite technology. Costing several hundred million dollars each and weighing several tonnes, these satellites were designed to last up to 15 years so investors could recoup the expense of building them in the first place.

The Voyager probes gave us amazing images of Jupiter, Saturn, Uranus and Neptune. The Mariner and Viking missions to Mars led to Pathfinder, Spirit, Opportunity and Curiosity. Messenger orbited Mercury and Magellan orbited Venus. When New Horizons launched to Pluto in 2006,

operating in space. A host of firms are promising cheaper access to space, with innovations such as reusable rockets and horizontal launch systems. Satellites are getting smaller and becoming cheaper to build – and there are now about

A flood of data and imagery is flowing from space and new players are now processing, interpreting – and marketing - this information revolution. Just think how amazing the imagery of your satellite view on Google Maps and the level of



SpaceX Launch





just 22 launches. Peter Beck says once his rocket is operational he's looking to go to space for \$5m, and "as frequently as once a week".

At the heart of Rocket Lab's sales pitch is its Electron rocket, designed specifically to take small satellites into orbit. The rocket is mainly carbon fibre and its engines are all 3D-printed.

Today, several companies are looking very specifically at human spaceflight. The three that are perhaps furthest down the road are SpaceX, Blue Origin and Virgin Galactic. The main goals of all three companies is to reduce the cost of access to space – mainly through reuse of launchers and spacecraft – making space accessible to people who are not specially trained astronauts. One thing these companies have in common is the private passion of their chief executives.

But Blue Origin has got some competition from Virgin Galactic, which describes itself as "the world's first commercial spaceline". Founded in 2004 by Richard Branson, it plans to carry six passengers at a time into



Jeff Bezos (Amazon) at a successful landing

sub-orbital space and give them about six minutes of weightlessness in the course of a two and a half hour flight.

The technology differs from that of SpaceX and Blue Origin in that the launch into space is not from the ground, but from a jet airplane.

The original space race resulted from the ideas and skills of visionary theoretician engineers... Is it too far a stretch to think that the

second space race is propelled by a new generation of entrepreneurs, including Bezos, Branson and Musk?

If this is the situation, then I would hope that the main enabling factor in the pursuit of space endeavours is not possession of wealth, but that vision, ingenuity and a wish for the betterment of human are the main driving forces. R

Source: Various

detail that we can now achieve.

Investment is pouring into the space sector. In 2016, the global space economy totalled \$329bn with three-quarters of that coming from commercial activity – not governments.

Elon Musk's SpaceX is using its Falcon 9 rockets to supply the International Space Station, while Jeff Bezos' Blue Origin is developing it's New Shepard and New Glenn launchers.

Both firms have demonstrated revolutionary techniques which enable vertical landing – a significant step in the drive for reusable rockets.

Meanwhile Richard Branson's Virgin Group is working on developing launching satellites from the air – alongside its plans for sub-orbital tourist flights.

One new player hoping to change the way in which space is used is New Zealand's Rocket Lab. Still in its infancy, it is the only rocket firm in the world with its own launch complex, on North Island's Mahia Peninsula.

Currently the average cost of a satellite launch is about \$200m, and in the US last year, for example, there were

## New Gadgets for the Season - A QUICK REVIEW

### Apple iPhone X

The iPhone X was a huge gamble from Apple, but one that really paid off. Losing the home button and altering the design was a dangerous move, but one that was sorely needed after years of similarity and the premium design, extra power, all-screen front mix together to create - by far - the best iPhone Apple's ever made. It's impossible to give a perfect score to something that costs this much - but this is the closest to smartphone perfection Apple has ever got.

#### FOR

- Great screen
- Premium, strong design
- TrueDepth camera is powerful

#### AGAINST

- The most expensive flagship phone around
- Metal rim can scuff without case



### Xbox One X

With a gaming PC's worth of graphical horsepower housed inside a deceptively small package, it does what no console has done before: Native 4K HDR gaming. However, while games look absolutely stunning, with a fantastic level of detail accentuated by the console's HDR support, their larger file sizes means the 1TB hard drive fills up fast. Minor faux pas aside, it fulfills the promise of 4K HDR gaming & offers the most premium gaming experience on a console, bar none.

#### FOR

- Native 4K HDR gaming
- 4K Blu-ray player built-in
- Improves 1080p experience

#### AGAINST

- 1TB HDD fills up fast
- Games aren't always 60fps
- Still waiting for games to make use of the hardware



### Huawei Mate 10 Pro

Not only is the Huawei Mate 10 Pro the most impressive device we've seen from Huawei to date, it's also one of the most impressive flagships currently on the market, undercutting the competition while offering more in some key areas.

#### FOR

- Excellent design
- Great enthusiast camera
- Class-leading battery

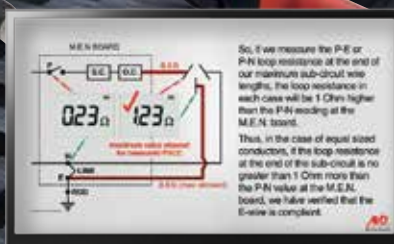
#### AGAINST

- No headphone jack
- No wireless charging
- EMUI not for everyone



Source: techradar.com

# Free online training course now available for all MFT1800 series users



- Comprehensive Loop and RCD Training material
- Free for all new and existing MFT1800 series users
- Train in where you want when you want
- Brush up before next Practicing License renewal



# SMART SENSE, SMART CHOICE

It doesn't get much better than this

## Smart Sense 180° PIR Sensors

- High 2kW switching capacity.
- Easy accessible wiring space.
- Robust, simple design.
- Manual override.



LHT0120

LHT0119



Innovative lighting solutions

Available from your local Redpaths

## TRADE PREFERRED LED BUTTONS

WITH IP54 INGRESS PROTECTION!



### ROUND

15W  
220Ø x 48H

3000K, 1200lm  
Product Code  
YYR15W3K

4000K, 1250lm  
Product Code  
YYR15W4K

18W  
280Ø x 48H

3000K, 1450lm  
Product Code  
YYR18W3K

4000K, 1500lm  
Product Code  
YYR18W4K

24W  
330Ø x 48H

3000K, 2000lm  
Product Code  
YYR24W3K

4000K, 2050lm  
Product Code  
YYR24W4K

### SQUARE

15W  
220x220 x 48H

3000K, 1200lm  
Product Code  
YYS15W3K

4000K, 1250lm  
Product Code  
YYS15W4K

18W  
280x280 x 48H

3000K, 1450lm  
Product Code  
YYS18W3K

4000K, 1500lm  
Product Code  
YYS18W4K

24W  
330x330 x 48H

3000K, 2000lm  
Product Code  
YYS24W3K

4000K, 2050lm  
Product Code  
YYS24W4K

**5** YEAR  
WARRANTY

**30,000HR**  
LED LIFE

**DIMMABLE**

**120°**

Environment Temp  
**-20°C > +50°C**

**IP54**



Lighting Council  
NEW ZEALAND  
MEMBER



The new Panasonic Thermal Enhancement Technology (P-Tech) enables the compressor to achieve maximum frequency in the shortest time from start up, allowing for 15%\* faster cooling.

INTELLIGENT ECO SENSORS



+



ECONAVI sensors and INVERTER technology work together to moderate the temperature according to room usage. By adapting the way you live and optimising operation, this unique feature makes the air conditioning in your home more energy efficient and keeps you comfortable throughout the day and night.

# BONUS GIFT\*

\*Terms & Conditions apply.





# NEW!

Econavi Reverse Cycle Inverter

## AERO SERIES

### AEROWINGS

Panasonic's new AEROWINGS feature incorporates two independent blades that concentrate airflow to cool you down in the shortest time possible. This also helps distribute cool air evenly throughout the room.

AEROSLIM DESIGN



Purchase the **NEW Aero Series** or a **Panasonic Air Conditioner** between the 1 December – 31 January 2018 and receive a **BONUS** Panasonic Gift.

**Choose from either of the following Panasonic Gifts:**

NN-ST641WQPQ – **32l Microwave Oven**

SC-HC295GN-K – **Micro System**

RP-HC800E – **Noise Cancelling Headphones**

# Panasonic

# BEAR-HANDLE YOUR MEAT

EMBRACE YOUR INNER WOLVERINE

## BBQ Bear Paws

Say what you will about them, but hundreds of years of evolution have seen bears develop the perfect paws for pulling pork, slicing steaks and even for wrestling watermelons (a part of any healthy bear diet). Which is why the BBQ Bear Paws are so simple and effective.

Loosely modelled on the great Grizzly, with their natural grip and sturdy plastic 'claws' this handy cooking accessory helps you man bear-handle your meat and toss your salads.

Far better than a flimsy fork, now you can pretend to be Wolverine's smaller-clawed cousin AND carve up your spit roast, simultaneously. *High five!*

### PRODUCT FEATURES:

- Sturdy and heat-resistant moulded-plastic construction
- Heat-resistant up to 245 C
- Dishwasher safe
- FDA approved and BPA free
- Sharp 'claws' provide excellent purchase for shredding meat and gripping large cuts and roasts



Pretend you're a new member of the X-Men

*Please note:* Strictly for food preparation, these are sharp and should be used with care



# THE PERFECT SAUSAGE

LEAVE NO SAUSAGE UNDER-COOKED

## BBQ Sausage Roller

No more chasing sausages around the BBQ! This handy BBQ roller will keep your sausages in place, saving space and ensuring every one is evenly cooked.



# YOU HAVE THE FUN

LET GRILLBOT DO THE HARD WORK

## Grillbot Automatic BBQ Grill Cleaner, Blue

**Push-Button start:** Hands free operation. Can be used before or after using your Grill.

Replaceable wire brushes, pop right off for easy cleaning and are dishwasher safe.

Rechargeable Lithium Ion Battery.

Grillbot is equipped with three high-power electric motors to clean every inch of your grill

Includes a LCD alarm & timer. Set and forget.

Grillbot is smart and will notify you when finished with either the 10, 20, or 30min cleaning cycle.

Grillbot is driven by a sophisticated CPU chip that controls the movement, speed, and direction of the brushes.

Fully automatic BBQ grill cleaning robot is the **Perfect Gift** for your friends and family members who love to barbecue!



**GUARANTEE:** 100% Rust Proof, dishwasher safe brushes, made with high heat resistant plastic and guaranteed to last! No Risk - 3 Year Warranty - 100% Money Back Guarantee!

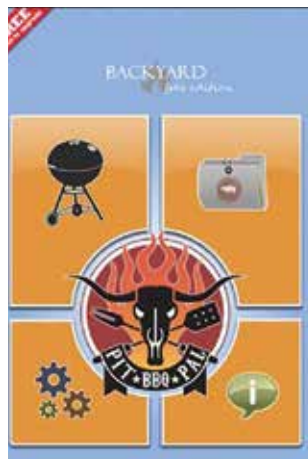




## PIT PAL

Has anyone ever told you that barbecue is all about science? Specifically: Consistency, control and technology. Or at least that's the credo of the creators of the Pit Pal BBQ App (free, iOS and Android) a free tool designed to help grillers create consistently awesome barbecue.

The app is a dream for lovers of data and stats, allowing you to track temperatures of various meats over the span of a cook, as well as common events such as mopping, adding coal or wood, saucing and foiling. The goal is for the user to track the history for any foods involved in a cook, and then be able to access that data in order to achieve consistency in grilling. A pro version is available for \$2 extra that allows for charting and exporting of data.



## GRILLTIME

GrillTime is a unique app that serves as both a grilling guide and a timer in one. Simply pick the cut of meat that you desire, its thickness, and how "done" you would like your meat to be. GrillTime will let you know the ideal amount of time that you will need to grill your meat and what temperature you should grill it at. Who wouldn't love a universal app that will tell you when to flip your steak or burger and when it's done?

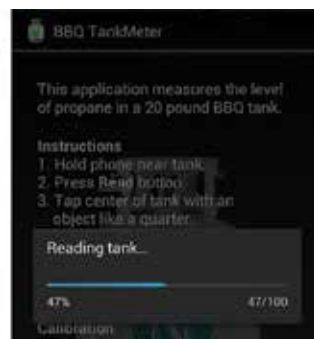
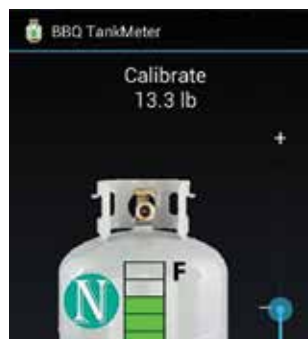


## BBQ TANKMETER

There's nothing worse than getting all the ingredients ready for a good cookout only to discover that you're about to run out of propane. BBQ TankMeter can help you avoid this potential disaster. This propane gas gauge, which is designed to work with a standard 20-pound tank, measures propane levels acoustically and then displays the amount in a graphical meter. The app features eight color-coded bars, and you know it's time to refill the tank when the meter gets into the lower red zone.

For iOS users, there's a similar app—Blue Rhino's Rhino Gauge (free, iOS)—but rather than actually measuring,

it depends on you to enter usage information. It will also show you nearby Blue Rhino locations for your refill needs.



## THE PHOTO COOKBOOK

The Photo Cookbook - Barbeque Grilling is a universal app that will help turn your barbeque into the most talked about event of the summer.

The app is gorgeous, filled with pictures of 60 different recipes that are divided into four sections: "Meat," "Poultry," "Fish & Seafood," and "Vegetables and cheese." There are recipes for all types of grilling enthusiasts, including recipes for grilling over indirect heat with lids closed, as you would with a kettle grill. Ingredients needed are shown at the beginning of each recipe. Photos of each step you will take to prepare each dish are included. Think of this app as your own personal, at-home grilling lesson. This is an essential app for anyone interested in barbeque grilling.



# BETTER OR WORSENER

THINKING ABOUT UPDATING YOUR KIT WITH SOME NEW ELECTRICAL SUPPLIES? BEFORE DIGGING INTO YOUR POCKETS, FIND OUT WHAT OUR TEAM OF PROFESSIONAL ELECTRICIANS AND INSTALLERS HAVE TO SAY AS THEY TEST AND COMPARE THE LATEST BEVY OF PRODUCTS.  
THIS MONTH: **HYDRATION.**



**Brand:**

**Powerade**

Est. Retail \$4.69/750mL

**Variety:**

ZERO SUGAR



**Brand:**

**Red Bull**

Est. Retail \$3.99/355mL

**Variety:**

ENERGY DRINK



**Brand:**

**Sqwincher**

Trade \$1.29/600mL +GST

**Variety:**

ZERO qwikSTIK



PLANNING TO INVEST IN A NEW PRODUCT. LET OUR PANEL OF PROFE



## MOHAMMED HUSSAIN

**YEARS IN THE GAME:**  
10ish

**BEST THING ABOUT THE JOB:**

Travelling to different places and variety of work

**WORST THING ABOUT THE JOB:**  
Paperwork and unhappy customers

**HOBBIES:**  
Off roading/4x4

**LIFE CHANGING QUOTE:**  
Don't start your day with the broken pieces of yesterday



## DYLAN DUFFY

**YEARS IN THE GAME:**  
18 months

**BEST THING ABOUT THE JOB:**  
Not having to get dirty

**WORST THING ABOUT THE JOB:**  
Under floors & roof spaces

**HOBBIES:**  
Mineral collector, train watcher

**LIFE CHANGING MOMENT:**  
There is always a solution to a problem



## PETE PHILPOTT

**YEARS IN THE GAME:** 22 years

**BEST THING ABOUT THE JOB:**  
Money

**WORST THING ABOUT THE JOB:**  
Not enough money

**HOBBIES:**  
MTB'ing, hunting & fishing

**LIFE CHANGING QUOTE:**  
You never know



Great tasting flavours.  
A bit pricey and does not fit in the drinks holder of the Hiace van.

**RATING: 7/10**

Very used to drinking the regular Powerade, first time trying the sugar free. Personally it tasted horrible, but did hydrate quite well.

Recommendation - Serve Cold!

**RATING: 5/10**

Tastes good & keeps you hydrated, but water is the way to go

**RATING: 8/10**

**TOP PICK**

Definitely a big energy hit, but not a fan of sugary energy drinks

**RATING: 7.5/10**

Gave a quick energy burst but wears off rather quickly.  
I actually felt worse after the sugar wore off

**RATING: 2/10**

No good for hydration. Far too much sugar & energy

**RATING: 2/10**

Good flavour selection, but always need to make sure you have a bottle of water handy.  
Great price and can always have a few extras laying in the van

**RATING: 9/10**

**TOP PICK**

I sampled the lemon flavour & not a bad flavour.  
Make sure you mix well, as gave a chemical taste it not shaken well

**RATING: 7/10**

**TOP PICK**

Good to use if doing a high energy job & you need to replenish

**RATING: 6/10**

PROFESSIONALS GIVE YOU THE LOW DOWN. Email [p.cameron@redpaths.co.nz](mailto:p.cameron@redpaths.co.nz).





# Connectivity and IoT with Schneider Electric

## PowerTag, the world's smallest sensor

Monitor electrical assets with one simple action

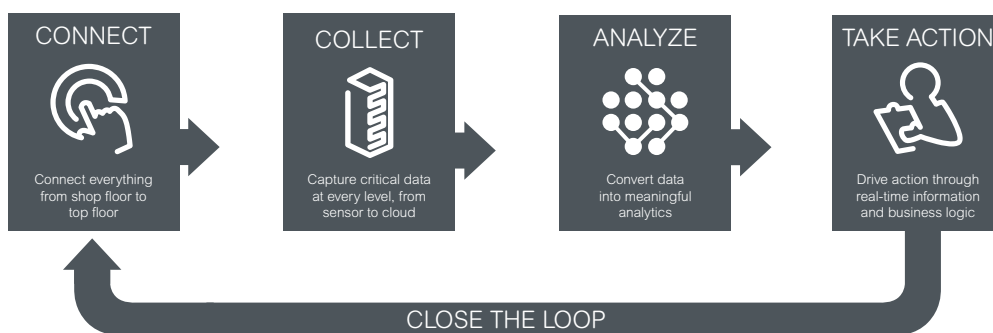
Small in size but large in impact, PowerTag wireless sensors accurately monitor energy consumption in real time for small buildings to large facilities.

Use energy more efficiently and economically on all electrical loads, from IT and HVAC to machines, pumps and process equipment. PowerTag sensors are compact and easy to install on existing or new panel boards.

Learn more about PowerTag at [schneider-electric.co.nz/powertag](http://schneider-electric.co.nz/powertag)

## EcoStruxure™

Today's world is becoming for digital and connected. EcoStruxure is Schneider Electric's IoT based solution to provide a full suite of connected products, software and apps. PowerTag is an example of a connected product within the EcoStruxure™ Power platform. Connected products plus software (e.g. Facility Expert) can offer the ability for smart insights and analytics for the building and facility managers.



Learn more about EcoStruxure at [schneider-electric.co.nz/ecostruxure](http://schneider-electric.co.nz/ecostruxure)

[schneider-electric.co.nz](http://schneider-electric.co.nz)

Life Is On

**Schneider**  
Electric



# Streamline Wide Body LED Batten



RECEIVE A **\$50**  
Prezzy card when you  
purchase 10 x  
Streamline Wide Body  
LED Batten 5Ft 4K, on  
one invoice



\*See instore for Terms and Conditions

# THE GREAT KIWI BBQ

SUMMER'S HERE AND IT'S TIME TO DRAG THAT BARBIE OUT OF HIBERNATION. FIRST ORDER OF BUSINESS, A GOOD CLEAN. A BIG BUCKET OF HOT SOAPY WATER AND A GOOD GRILL BRUSH REQUIRED.

Firstly, make sure the gas bottle is disconnected, then take the grills off one by one soaking in the bucket and giving them a good attack with the brush. Then we have under the lid, attack the surfaces with some more soapy water and a bit of elbow grease, making sure to take care on the elements. Thankfully I remembered the foil and cat litter for the drip tray last season so no need for much hard scrubbing there, just a bit more litter to absorb all those extra



juices. Now to put her all back together, turn that baby on and burn off any excess soapiness left behind and we're good to go.

Off to the kitchen for our key ingredients of the day, Pesto Shrimp Kabab Skewers, Venison steaks, Gourmet Sausages and some Ribeye steak. Traying up I turn around and almost land flat on my face tripping over the bloody cat who thinks it's his lunch. After a bit of a dance we reach the deck for fry up time. Oh wait, hang on, Forgot the beer! No man can begin to BBQ without a good craft beer in hand. Ducking back in for the most essential ingredient to the process and I hear screaming from the neighbours back yard,



## BBQ SAFETY

MANY KIWI HOMES HAVE A GAS-POWERED BBQ OUTSIDE. THESE ARE GREAT FOR COOKING DURING THE SUMMER, BUT CAN ALSO POSE A FIRE RISK IF NOT STORED AND MAINTAINED CORRECTLY. IT HAPPENS EVERY YEAR. THE WEATHER GETS WARMER, MORE PEOPLE USE OUTDOOR GRILLS - AND INCIDENTS OF GRILL-CAUSED FIRES GO UP. HERE ARE SOME TIPS FOR REDUCING THE RISK WHEN USING BBQS AND GAS CYLINDERS.

- 1 KEEP YOUR BBQ OUTSIDE**  
Set up your BBQ on a flat surface and make sure that the BBQ can't be tipped over. BBQs are designed for outdoor use only as they can produce carbon monoxide and other dangerous toxins. Leave plenty of clear space around your BBQ. Pay attention to overhanging tree branches when you set up your grill.
- 2 KEEP YOUR BBQ CLEAN**  
Keeping your BBQ clean not only make your food taste better, it reduces the risk of flare ups. Remove grease or fat build up from both the grill and the tray below the BBQ.
- 3 TAKE CARE AROUND THE BBQ**  
Never leave a lit BBQ unattended. Don't allow kids or pets to play near



sounding something like a murder scene. Running back outside to investigate I see my damned cat climbing over the fence with what could only be described as a massive Flintstones size steak in his mouth!! I can't help but smirk, good score Willis, good score.

The swearing continues over the fence. Crap, some quick thinking required here.

I pop my head over the fence in a total Wilson from Home Improvement moment "Sorry mate! Come over, the beers cold and plenty of food here". Possible war averted. I guess there'll be no leftovers for us this time round.

## THE GREAT KIWI BBQ HISTORY

WE ALL SEE THE KIWI BARBEQUE AS A DEEPLY ENGRAINED PART OF OUR HISTORY AS NEW ZEALANDERS. IT IS A BIT OF A SHOCK TO FIND THAT CONTRARY TO POPULAR BELIEF, RESEARCH SHOWS IT WASN'T UNTIL THE LATE 70'S THAT BARBEQUE BEGAN TO SHOW IN OUR HISTORY.

The tradition came from American origins. Barbeque for them has a rich history of slow cooking style, spending days competing in events like the American Royal Barbecue Contest and the World Championship Barbecue Cooking Contest. Methods and meat of preference changed slightly between areas, but all Americans would agree that no barbeque is complete without a great home-made tangy tomato based sauce.

We have since adapted our own unique kiwi style of BBQ, favouring a more grill style of cooking. The kiwi BBQ is a time for relaxation and gathering with friends, whether in someone's back yard, out camping by the lake or the beach or at one of the local parks. Our coastal areas relish catching their own

seafood and cooking it up the same day, nothing gets fresher than that.

BBQ is also used as a community popular fund-raising option. This could be outside your local trade store, at a community event or your local school fare. Tradition says the sausage with onion, white bread and Watties tomato sauce is a must for this one but in recent years you can often see bacon butties added to the culinary options list for sale, either way, we all love it.

Today we see anything from the simple traditional sausages and burger patties to the more complex gourmet seafood fare with even spit roast. So many options but still the same tradition, to relax, enjoy our friend's company and the beautiful weather that summer delivers us. R



the BBQ. Clothing can easily catch fire, so be sure your shirt tails, sleeves or apron strings don't dangle over the BBQ. Grilling gloves and utensils with long handles will keep your hands and arms safe when dealing with heat and flames. Never try to move a lit or hot BBQ, and remember the BBQ will stay hot for at least an hour after use.

### 4 BE READY TO PUT OUT THE FIRE

Have baking soda on hand to control a grease fire and a fire extinguisher nearby for other fires. If you don't have a fire extinguisher, keep a bucket of sand next to the BBQ. Never use water to put out grease fire.

### 5 THE SOAP BUBBLE TEST

A common cause of BBQ fires is gas leaking from where the BBQ

hose fits into the cylinder valve. Whenever you connect a gas cylinder to a BBQ, make sure it's hand tight. You can do this by turning the gas cylinder on, and then pouring a little soapy solution (1/4 cup of water and a squirt of liquid suds) over the valve. If any bubbles are created you may have a gas leak. Turn the valve off and replace the cylinder O-ring.

### BBQ TIPS & TRICKS:

- Start with a good cold beer in hand
- Make sure that gas bottle is full, you don't want to run out half way through.
- Pre-heat the BBQ well
- Check the heat by hovering your hand over the grill and seeing how long you

can stand it there. 10 plus seconds = low heat, 6-8 seconds = medium heat and 2-4 seconds = high heat.

- Pre-cook your chicken to avoid your guests getting sick. You don't wanna be "that guy".
- For kababs, be sure to soak your wooden skewers in water to avoid burning.
- Avoid sticking your meat with forks or pounding it down your patties as you will just lose the juices and flavour, ending up with a dry tasteless result.
- Use Foil to create little pouches of food and retain those juices. Great for the likes of fish fillets.

# Firefighter Sam

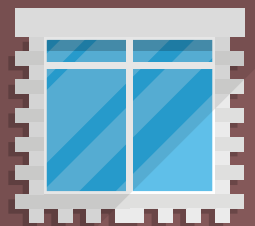
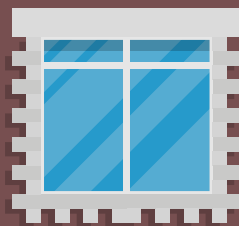
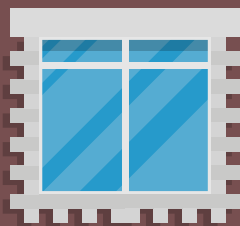
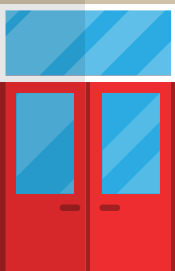
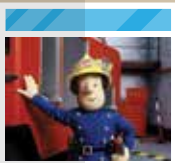
Sockburn vs Rolleston



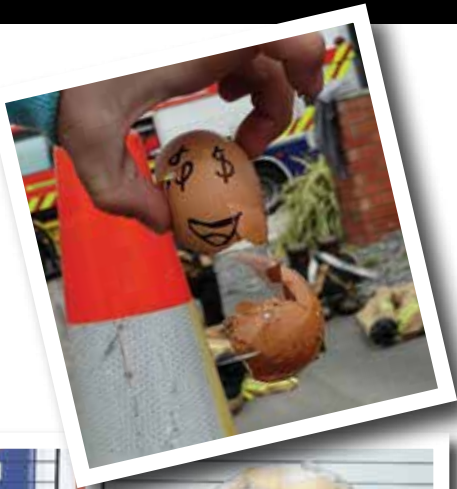
THE REDPATH'S FIREFIGHTER SAM CHALLENGE WOULD SEE TIM SEFTON FROM THE ROLLESTON BRANCH TAKE ON SAMANTHA GLUBB FROM THE SOCKBURN BRANCH TO COMPLETE AN OBSTACLE COURSE OF CHALLENGES FACED BY THE BRAVE MEN AND WOMEN FROM THE NEW ZEALAND FIRE SERVICE. THIS CHALLENGE WOULD INVOLVE SPEED, STRENGTH AND A GREAT DEGREE OF SKILL.



## FIRE STATION








**E**ach participant raced against the clock as they suited up in the firefighter's kit, then moved an egg between two road cones using the very heavy jaws of life, flick-rolled out a 30 metre fire hose and hit a target with the hose, with the clock stopping once they were back at the start line with all their kit off.

Tim was the first up and suiting up was no problem, however running to the next obstacle didn't look easy with the firefighting kit on. Picking up an egg with the jaws of life was a bit of an art, eggs one and two were brutally crushed to death. The third attempt was much more successful, although egg three was bleeding a little out the ribs, but would survive until the bbq. Tim showed nice technique on the hose roll and hit the target with ease. He was then back to the start line, out of the gear to finish in a time of 2minutes 33seconds.

Next up was Sam and she blasted through the suiting up phase in record time, then onto the egg challenge. The

jaws of life look very cumbersome to handle but with a very delicate touch Sam picked up the egg and moved it to the next cone on her first attempt. What skill, not even a scratch on the egg! Just like Tim, moving through the course looked awkward with the Firey's kit on. Sam produced a good solid effort on the hose roll and also hit the target with the water. Quickly back to the start line and out of the gear saw Sam finish in a very fast time of 2minutes 22seconds.

It was a very close challenge with Tim's scrambled eggs proving his downfall and Sam's delicate touch seeing her crowned Redpath's own Firefighter Sam.

Special thanks to the team at the Rolleston Volunteer Fire Brigade for helping with this challenge. 

# VSD CABLES



**NEW**



## KSXCY SERIES

High Performance Fixed Copper Tape  
VSD Power Cable 0.6/1kV 90°C

**FEATURES:**

Copper Tape Screening for 100% coverage  
Flexible Class 5 conductors for easy installation  
2.5mm to 16mm ex-stock, 25mm to 240mm available on request



## MDXCY SERIES

High Performance Flexible VSD Marine /  
Power Cable 0.6/1kV 90°C

**FEATURES:**

Double Screening (CBS & foil tape) for 100% coverage  
Flexible tinned Class 5 conductors  
Multipurpose marine and industrial applications



## HDXCY SERIES

Ultra Performance Flexible Rubber VSD  
Power Cable 0.6/1kV 90°C

**FEATURES:**

Extra heavy duty durable rubber sheath  
Suitable for permanent submersion up to 500m  
Double screening (CBS & foil tape) for 100% coverage



## FDXCY SERIES

High Performance Flexible VSD Power  
Cable 0.6/1kV 90°C

**FEATURES:**

Economical flexible VSD option  
2.5mm to 70mm ex-stock, 95mm to 300mm available on request  
Double screening (CBS & foil tape) for 100% coverage



**RoHS**  
COMPLIANT



**AVAILABLE THROUGH YOUR LOCAL REDPATHS BRANCH**





## Future-ready machine solutions

### Make even better connected machines. Easily.

As a pioneer in smart automation technologies, Schneider Electric makes it easier for you to offer your customers better connected machines. Our future-ready solutions intelligently connect people, devices, machines, and data to simplify machine design. It also ensures that information can be accessed, monitored, and controlled from anywhere, in real time. Key products include, Modicon machine controllers, TeSys Motor Starters, TeSys Motor Management Systems, Altivar Drives and Harmony Switchgear.



#### TeSys T Motor management system

Suitable for critical applications, TeSys T is a motor management system that provides protection, metering and monitoring functions for single-phase and 3-phase, constant speed a.c. motors upto 810 A.

- Reduce operational costs and downtime with advanced diagnostics and statistics.
- Connectivity via multiple industrial protocols: Modbus, Profibus, CANOpen, DeviceNet, Modbus TCP and Ethernet IP.
- Quick project integration design and small footprint.



#### TeSys U - All in one!

TeSys U motor starter (complete DOL solution) provides control and protection functions for single phase or three phase motors in a single product.

- The unique design guarantees Total coordination (No contact welding on short circuit) feature as per AS/NZS 60947.6.2.
- 45mm compact design covers main motor applications (direct on line & reversers) up to 15kW.
- Connectivity via multiple industrial protocols.

[schneider-electric.co.nz/connectivity](https://schneider-electric.co.nz/connectivity)

Life Is On

**Schneider**  
Electric

# Health Camp

without the La La

**W**elcome to our new addition looking at Tradie health suggestions and wellbeing.

Don't ignore that red light on your own health dashboard.

Working for yourself or to help pay those debts, or mortgage doesn't allow for any un-needed sick days due to a lack of self-awareness and just taking that little bit of extra care so keep logging in and stay in tune with our suggested tips this edition and going forward..... cause we care! Who knows we may even ignite the Superhero within.

## TOP TIPS FOR STAYING HEALTHY ON SITE

- 1** Use the right tool for the right job. That extra expense will pay dividends in completion and getting it done first time.
- 2** Take a break (not a kit-kat) You're not being brave skipping lunch and smoko, the fact is pushing on puts you at a higher risk of lower concentration and potentially costly mistakes. Take some time to recharge.
- 3** Lift Smart
- 4** Identify, reduce and eliminate those high risks... sounds easy huh... why is one in three injuries in the workplace still caused by incorrect manual handling? Don't be shy ask for help if you need it.
- 5** Simple, cheap and must haves: Earmuffs, sunscreen, hydration and a basic first aid kit. No Tradie should be without any of these basics When you're well, all is well... take some time to give yourself some TLC



## HOW TOUGH ARE YA!

REDPATHS EXERCISE CHALLENGE: **30/30**

1. Do any cardio (medium - high level) for 30 seconds
2. Rest for 30 seconds
3. Do 6 rounds then rest for 4 minutes
4. 6 rounds equal 1 block
5. Do 3 blocks

## Simple Smoko Snack (and healthy too dammit!)



## BANANA HOT DOG

### INGREDIENTS:

- Wheat tortilla
- Peanut butter
- Banana

### DIRECTIONS:

Spread peanut butter (as thick as you like) on your wheat tortilla. Peel banana and place in wheat tortilla and roll up.

Eat whole or slice up and share with your smoko buddies.... Or swap for one of their sausage rolls.



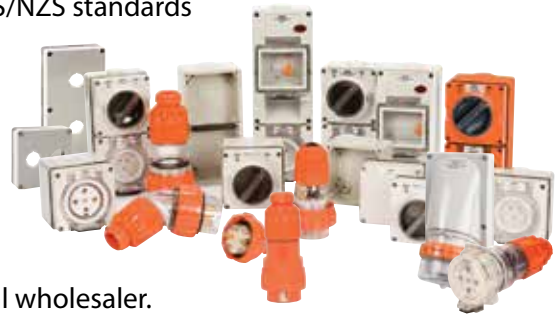
NHP

## MAKE THE SWITCH TO ISO

With one of the most extensive ranges in the market, NHP are your trusted local supplier of Plugs, Sockets and Switches for industrial, commercial and domestic applications.

- 10A to 50A; 3, 4 and 5 pin configurations
- Tested and approved to AS/NZS standards
- Australian designed
- IP66 rated

For your next application, think NHP ISO.



Available through your local wholesaler.

NWHSREDPATHDECJAN\_89606\_11/2017

## REDPATHS CHRISTMAS SPECIAL



**RADIO EAR DEFENDERS** **\$99.95** +GST

With high quality AM/FM radio reception and a 10 station memory preset, digital tuning with an LCD display, audio input jack with included cable, lightweight and cushioned for all day comfort, these 111 hour battery life earphones are a handy addition to anyones toolkit, whether for the worksite or in the garden.

**R. Redpaths**  
Suppliers of everything electrical.

**GIVE THE GIFT OF MUSIC THIS CHRISTMAS**

# ENDING THE SUPER GT SEASON



Since I last checked in with Circuit Breaker, I've faced the final two challenges in my debut SUPER GT season, driving the Gulf Racing Porsche.

First was our only 'flyaway' round of the season, visiting Buriram in northern Thailand where we were met with thick, humid weather broken by periods of torrential tropical rain. These conditions always make our job more difficult, with uncertainty over conditions for the 300km race as we work to achieve the best car settings during practice and qualifying.

Buriram was always going to be a battle for us, with the circuit layout and hot weather not suiting the Porsche. Thus, our lowly qualifying

position of 16th was just two spots below where we finished - in 14th place.

Thankfully, a return to Japan for the season finale swung momentum in our favour with chilly 12-14 degree temps and a "Porsche track" that had the team full of confidence. We needed it, after we slipped outside the top ten in the points standings after Thailand's lacklustre round.

Despite a mistake in my qualifying lap at Motegi, we started 9th on the grid and clawed our way forward to 4th at the flag - a mammoth effort by all involved and our second highest finish of the season.


The result saw us secure 8th in both the team's and driver's championship for 2018 - not bad for my debut



season in one of the world's top GT championships.

I'll be returning to aim for the top spot next year, with Gulf Racing keen to continue the momentum we have built in our first season together.

I look forward to catching up with the Redpaths team down in Christchurch before Christmas, ahead of a January start to our SUPER GT pre-season, with press launches and testing on the agenda.

2018 will mark ten years of support from Redpaths in my motor racing career - my longest standing sponsor and certainly one I cherish and value dearly. Thank you for another great season, and thank you all for reading. 



Follow Jono on Social Media

<http://jonolester.tv> for Latest Videos & LIVE Streams

<http://jonolester.com> for News, Results & Event Info

@jonolesterfans on Facebook

@jonolester on Twitter & Instagram





# reward *me* now

IN BETWEEN BEACH TRIPS THIS HOLIDAY SEASON,  
CHECK OUT WHAT YOUR POWERPOINTS CAN GET YOU. TIME TO TREAT YOURSELF

## SONY BASS HIFI SYSTEM

Bring a festival feel to any party with this powerful one-box system. Extra bass and vibrant speaker lights combine to create club-style atmosphere that's perfect for house parties.

- Ⓡ Easy Bluetooth connectivity with NFC One-touch
- Ⓡ DSEE upscaling restores quality to compressed files
- Ⓡ Great-sounding music in one step with ClearAudio+
- Ⓡ Stream and control right from your smartphone with SongPal
- Ⓡ LED light display and DJ effects boost ambience



**750**  
POWER  
POINTS

## COOPERS HOME BREW STARTER KIT

An excellent way to get started home brewing - the Coopers DIY Microbrewery Kit contains everything you need to make 23 litres of beer, including your first brew kit. This is one of the best and most cost effective ways of getting all the necessary equipment to start home brewing, plus you get clear instructions on how to brew.

### BREWING EQUIPMENT INCLUDED:

- Ⓡ Fermenting Vessel, Krausen Kollar and Tap
- Ⓡ Durable Hydrometer and Measuring Flask
- Ⓡ Mixing Spoon
- Ⓡ 30 x 740ml PET Bottles and Caps
- Ⓡ Adhesive Thermometer Strip
- Ⓡ Bottling Valve

### INGREDIENTS INCLUDED:

- Ⓡ 1.7kg Lager Brew Can
- Ⓡ 1kg Brew Enhancer 1
- Ⓡ 250g Carbonation Drops



**200**  
POWER  
POINTS

## HONDA EU10IT1U INVERTER GENERATOR

This inverter/generator is the smallest in Honda's EU range, but is at no disadvantage having the all of the great features that Honda inverter/generators have to offer especially their low noise level and incredible efficiency.

### TECHNICAL DATA:

- Ⓡ Engine Model: GXH50
- Ⓡ Fuel Tank Capacity: 2.3 Litres
- Ⓡ Starter: Recoil
- Ⓡ Continuous Operating Hours: 8hr\*/4hr
- Ⓡ Operating Noise Level: 52dB(A)\*58dB(A)
- Ⓡ Maximum AC Output: 1000VA
- Ⓡ Dimensions: (LxWxH) 450 x 240 x 380mm
- Ⓡ Weight: 13kg
- Ⓡ Voltage Regulation: Inverter
- Ⓡ AC Circuit Protector: YES
- Ⓡ DC Circuit Protector: YES
- Ⓡ Oil Alert: YES
- Ⓡ Auto Throttle: Eco-Throttle



**2280**  
POWER  
POINTS

## WILSON RIGHT HAND PROFILE XLS GOLF SET

Wilson Right Hand Profile XLS Golf Set Black/Red

### THIS PACKAGE CONTAINS

- Ⓡ Ti-alloy driver
- Ⓡ number 3 wood Hybrid
- Ⓡ 5SW putter and cart bag.
- Ⓡ The Driver features a lightweight graphite shaft all other have a steel shaft.



**1150**  
POWER  
POINTS

NOT A MEMBER? Sign up and start redeeming today  
[redpaths.rewardmenow.co.nz](http://redpaths.rewardmenow.co.nz)

**R. Redpaths**  
Suppliers of everything electrical.

# BBQ Recipes

something to satisfy every guest

## BEER CAN CHICKEN

### INGREDIENTS:

- 1 whole chicken
- 2 tablespoons vegetable oil
- 2 tablespoons salt
- 1 teaspoon black pepper
- 3 tablespoons of your favourite dry spice rub
- 1 can beer (we prefer Speights)

### DIRECTIONS:

Remove neck and giblets from chicken and discard. Rinse chicken inside and out, and pat dry with paper towels. Rub chicken lightly with oil then rub inside and out with salt, pepper and dry rub. Set aside.

Open beer can and take several gulps. Place beer can on a solid surface. Grabbing a chicken leg in each hand, plunk the bird cavity over the beer can. Transfer the bird-on-a-can to your BBQ and place in the centre of the grate, balancing the bird on its 2 legs and the can like a tripod.

Cook the chicken over medium-high, indirect heat (i.e. no coals or burners on directly under the bird), with the BBQ cover on, for approximately 1 1/4 hours until the thigh juice runs clear when stabbed with a sharp knife. Remove from BBQ and let rest for 10 minutes before carving.



## BEST EVER HOMEMADE BBQ SAUCE

### INGREDIENTS:

- |                               |                              |
|-------------------------------|------------------------------|
| - Gluten free                 | - 1 tbsp Garlic              |
| - 1/2 tsp Garlic powder       | - 1/2 tsp Onion powder       |
| - 1/4 cup Honey               | - 1 1/4 cup Ketchup          |
| - 1/3 cup Molasses            | - 1 tsp Mustard, dry         |
| - 1 tbsp Worcestershire sauce | - 3/4 cup Brown sugar        |
| - 1/8 tsp Cayenne pepper      | - 1 tsp Salt                 |
| - Oils & Vinegars             | - 4 tbsp Apple cider vinegar |

### DIRECTIONS:

Combine all ingredients in a medium sauce pan and stir well.

Bring to a boil over medium high heat and then turn the heat down to medium low and simmer for 20 minutes, stirring constantly.





## BBQ BACON MEATBALL RECIPE

These tasty bacon meatball treats are the perfect way to spice up any barbecue

### INGREDIENTS:

- 2 yellow onions
- 1/4 cup onions, diced
- 1/4 cup mushrooms, chopped
- 1 Tbsp. spicy ketchup
- 1 tsp. worcestershire sauce
- 1 pack of bacon
- 1 lb. ground beef
- 1/4 cup parsley, chopped
- 1 Tbsp. brown sugar
- 1 tsp. soy sauce
- 1/4 cup Panko bread crumbs
- 1 bottle of BBQ sauce

### DIRECTIONS:

Cut off the tops and bottoms of the onions and remove the exterior skin. Cut the onion in half and peel the layers apart, keeping the biggest layers to stuff with meat.

Setting the onion layers aside, mix the ground beef, diced onion, parsley, mushroom, brown sugar, condiments, and bread crumbs in a large mixing bowl by hand.

Place a handful of the meatloaf mixture inside two of the onion layer pieces.

Wrap the onion meatballs in bacon, using three slices per ball. Secure the bacon with toothpicks to keep it from unraveling during cooking.

Bake in a dish on a closed BBQ 40 minutes. Cover the balls in BBQ sauce and bake for an additional 5 minutes.



## Super Quick Easy Meals with BBQ Leftovers:

### WRAPS

#### INGREDIENTS:

- Wraps
- Leftover meat
- Leftover veges
- Cheese
- Your choice of sauces and condiments

#### METHOD:

- Pile on your choice of meat and veges followed by sauces and condiments
- Wrap
- Cut
- Toast if desired in sandwich press
- Enjoy



### STEAK SALAD

#### INGREDIENTS:

- Leftover Steak
- Leftover Salad
- Condiments

#### METHOD:

- Slice steak thinly
- Lay out salad on plates
- Scatter slices of steak over
- Add any desired condiments
- Enjoy



### PITA BREAD PIZZA

#### INGREDIENTS:

- Pita Bread
- Leftover meat
- Leftover veges
- Cheese
- Your choice of sauces and condiments

#### METHOD:

- Pile on your choice of meat and veges followed by sauces and condiments
- Add cheese
- Grill
- Enjoy



### GRILLED CHEESE SAMMY

#### INGREDIENTS:

- Nice thick sliced bread
- Leftover meat
- Cheese
- Butter
- Your choice of condiments

#### METHOD:

- Put Sammy together
- Butter outside of Sammy
- Toast under grill or in sandwich press
- Cut in half
- Enjoy



**Please Note:  
CHISTMAS IS CANCELLED**

Apparently, YOU told Santa that you have been GOOD this year ...



*He died laughing*



**YOU WANT YOURS  
LICKED OR NOT LICKED?**

Just kidding. They're ALL licked.

I NO LONGER KEEP A  
NAUGHTY OR NICE LIST. I'M  
ONLY CONCERNED WITH  
WHO FRIENDS ME.



12/22

© 2010 Jeff Stahl/ Dist. by UFS, Inc.

Hi, I'm Al, and  
I've been hooked on  
Christmas trees  
my whole life.

Hi, Al.



*M. Nadler*



**FAIL-B-Q**



On New Year's Eve,  
Marilyn stood up in the  
local pub and said that it  
was time to get ready.  
At the stroke of midnight,  
she wanted every husband  
to be standing next to the  
one person who made  
his life worth living. Well, it  
was kind of embarrassing.  
As the clock struck, the  
bartender was almost  
crushed to death.

**I rub  
my meat  
for 2 minutes**

But Enough About My Grilling Secrets

**SEND US YOUR "LIGHTEN UP" MOMENT AND YOUR CHANCE TO WIN \$50.**

Go to [www.redpaths.co.nz/promotions/Share-your-thoughts/](http://www.redpaths.co.nz/promotions/Share-your-thoughts/) or scan here



**Plug in to  
some fun!**

**Plug in to  
some banter!**





## One Liners...

- I heard that if you drink every day, it means you're an alcoholic, so now I only drink at night

---

- Now that I've retired, I've taken up meditation, it sure beats sitting around doing nothing

---

- I'm planning on robbing the butchery on the 30th floor, the steaks are very high

---

- The Three Wise Men sound very generous but you've got to remember those gifts were joint Christmas and birthday presents

---

- Q: How does Darth Vader like his Christmas Turkey  
A: On the dark side

---

- Q: What does Miley Cyrus eat at Christmas?  
A: Twerky!

---

- Q: What happens if you play a country song backwards?  
A: Your wife returns to you, your dog comes back to life, and you get out of prison.

---

- I wrote a song about a tortilla. Well actually, it's more of a wrap



**B**arbeque Glenn and his wife were working in their garden one day when Glenn looks over at his wife and says, "Your butt is getting really big. I bet your butt is bigger than the barbecue." With that he proceeded to get a measuring tape and measured the grill and then went over to where his wife was working and measured his wife's bottom. "Yes, I was right, your butt is two inches wider than the barbecue!" The wife chose to ignore the husband. Later that night in bed Glenn was feeling a little frisky. He makes some advances towards his wife who completely brushes him off. "What's wrong?" he asks. She answers, "Do you really think I'm going to fire up this big-ass grill for one little weenie."

## Gotta see it !!



### STAR WARS: THE LAST JEDI

Having taken her first steps into a larger world in Star Wars: The Force Awakens, Rey continues her epic journey.

## Gotta read it !!



### HOROSCOPE

Look to the stars for holiday inspiration and see where your sign will take you this year.

## Gotta eat it !!



### SCORCHED ALMONDS

One is Never Enough! Scorched Almonds are a truly tempting treat. You'll find you can't just stop at one

**WANNA HAVE YOUR SAY? GOT SOMETHING YOU WANNA SHARE?**

Go to [www.redpaths.co.nz/promotions/Share-your-thoughts/](http://www.redpaths.co.nz/promotions/Share-your-thoughts/) or scan here





## You can trust our cables to be EESS compliant.

The electrical equipment safety system (EESS) makes it mandatory for manufacturers and importers to register their details and make a declaration that *all* the equipment they sell meets relevant standards and is electrically safe. As the world's leading cable manufacturer we welcome this initiative - and are happy to use the RCM mark as proof of our compliance.

### EEaSSy as...

#### What does EESS stand for?

Electrical Equipment Safety System.

#### What is the purpose of EESS?

The purpose is to have nationally consistent, electrical equipment safety legislation throughout Australia and New Zealand that will greatly increase consumer safety.

#### What is different from the previous system?

There are three levels of equipment (level 3, level 2, and level 1) instead of the previous two levels (declared/prescribed and non-declared/non-prescribed). There will be a system to review classifications and re-classify to the appropriate level for verification of compliance requirements proportional to the risk of the product type. At the start of the EESS all current prescribed/declared equipment will become level 3 equipment; all non-prescribed equipment (which is in-scope) will become level 1 equipment.

#### Is EESS optional or compulsory?

All manufacturers and importers (who are a legal entity in Australia or New Zealand) of certain types of equipment **MUST** be registered prior to being offered for sale; and the level 3 products shall be independently certified.

#### How can you identify EESS registered equipment?

a) The EESS National Registration Database records the registration details of "Responsible Suppliers" of electrical equipment in Australia and New Zealand. *Link to the database: <https://equipment.erac.gov.au/registration>*

b) All in-scope electrical equipment offered for sale by registered Responsible Suppliers must be marked with the Regulatory Compliance Mark (RCM):



#### What is in-scope electrical equipment?

In-scope covers electrical equipment found in the domestic environment, and for example, it does not cover heavy industrial machinery, commercial equipment or the like.

#### Does EESS represent any changes in technical safety requirements?

No, however tighter evidence of conformity is required for some items.

#### Want to know more?

Visit the Electrical Regulatory Authorities Council (ERAC) website: [www.erac.gov.au](http://www.erac.gov.au).

#### Prysmian New Zealand Ltd

30 Binsted Road,  
New Lynn 0640 Auckland, New Zealand  
Ph: (09) 827 3109 Toll Free: 0800 492 225  
E-mail: [sales.nz@prysmiangroup.com](mailto:sales.nz@prysmiangroup.com)

[www.prysmiancable.co.nz](http://www.prysmiancable.co.nz)





# Signed, sealed, delivered.

You can trust our cables to be EESS compliant.



**We're happy to tell you more:**

Ph: (09) 827 3109. Toll Free: 0800 492 225

Email: [sales.nz@prysmiangroup.com](mailto:sales.nz@prysmiangroup.com)

[www.prysmiancable.co.nz](http://www.prysmiancable.co.nz)

A brand of the

**Prysmian**  
Group

© All rights reserved by Prysmian Group 2017

# CIRCULAR TPS MULTICORE

**POWER** AND **POWER SWA** 0.6/1kV

**CONTROL** AND **CONTROL SWA** 450/750V

# MC SERIES



**RoHS**  
COMPLIANT

**AVAILABLE 1.5MM<sup>2</sup> TO 95MM<sup>2</sup>**

**FLEXIBLE CLASS 5 CONDUCTORS FOR EASY  
INSTALLATION 10MM<sup>2</sup> AND ABOVE**

**SUITABLE FOR DIRECT BURIAL OR  
UNDERGROUND DUCTING**

**AVAILABLE IN UNARMoured AND STEEL WIRE  
ARMoured FOR MECHANICAL PROTECTION**

**METER MARKED**

**UV STABILISED BLACK SHEATH**

**NO CUTTING FEES, NO MINIMUM ORDER**



**AVAILABLE THROUGH YOUR LOCAL REDPATHS BRANCH**





# tradietech

Your admin toolbelt

Trade based workflow software  
to make your life easy

Over paperwork? With a smart & intuitive interface, see how Tradietech can add value to your business while making your life that bit easier. Magic.

Find out more at

**tradietech.co.nz**



#### BY TRADESMEN - FOR TRADESMEN

Tradietech is an online workflow management system designed to make keeping on top of paperwork a breeze. Developed specifically for the trades - whether you're a one-man band or established firm - it's pricing, quoting, invoicing and job management made easy.

Smart & intuitive yet simple to use, our customised and continually evolving software is compatible across all devices allowing you and your team to keep on top of things in the office, on site, or on the fly, while affording your business that competitive edge.

#### TRADIETECH FEATURES

- Full Redpaths Integration
- Image Library of Products
- Invoice / Purchase Order & Quotes
- Cloud Based & Secure
- Product Notifications
- SDoc Information
- Real Time Pricing & Discounts
- Xero / MYOB Integration



Sign Up now and get Premium FREE for your first month

\*Supplier build integration costs apply



# Get Shopping

with PowerPoints

Register with PowerPoints and you can start earning rewards points with each purchase.

Sign up and start redeeming today

[redpaths.rewardmenow.co.nz](http://redpaths.rewardmenow.co.nz)

 **Redpaths**

Suppliers of everything electrical.

Plug in to better rewards.