

Marketplace

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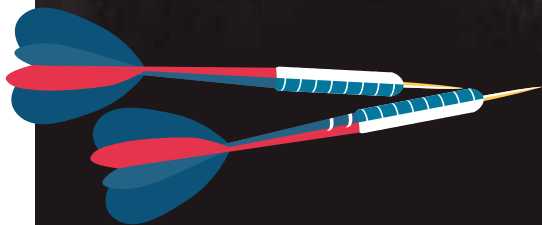
**PLUS
GO IN THE
DRAW
TO WIN**

ONE OF 40 PLACES TO THE
NZ DARTS MASTERS IN
AUGUST 2024



CAPTURE YOUR JOURNEY

WITH A PHILIPS DASHCAM



Schneider
Electric

CAPTURE YOUR JOURNEY WITH A PHILIPS DASHCAM

**PLUS
GO IN THE
DRAW
TO WIN**

**ONE OF 40 PLACES TO THE
NZ DARTS MASTERS IN
AUGUST 2024**



GIFT WITH PURCHASE
PHILIPS GO SURE ADR GS3201 DASHCAM VALUED AT \$269

The promotion runs from 1 May – 30 Jun 2024.



Schneider
Electric

Purchase a PDL Iconic bulk pack or 50x Iconic or PDL 600 double sockets or a combination of both and receive a Philips Dashcam.

While stocks last.



Iconic

600



Bulk Pack Sustainability: Use of cardboard over plastic, grids not individually wrapped, less packaging waste, quicker to fit off and it comes with 2 trays to carry products.

Purchase \$500 + GST on one invoice of 56 Series or Resi9 Products and receive a Philips Dashcam.

While stocks last.



Entry to the promotion is open to customers of participating Powerbase Members. Terms and Conditions available at participating branches and marketplacemagazine.co.nz

STOCK UP ON THE ESSENTIALS



Schneider Electric



BOX OF 100

\$100.00

PDL144M
Flush Box Metal
Thread, new type



\$30.00

PDL501J/50
Single Connector
Terminal, 40A, 50-Jar



BOX OF 10

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PDL544
544 White 4-Term
Junction Box



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56 Series, Switched Socket
10A, 250V, LE, Grey



\$52.50

PDL56SO310LEGY
56 Series Socket Outlet,
3 Pin, 10A, 250V, LE, GY



\$32.50

R9R06240
Resi9 RCCB 2P
40A 30mA A type



\$42.50

R9R06263
Resi9 RCCB 2P
63A 30mA A type



\$11.50

R9S06191
Resi9 Switch
1P 100A



\$18.00

R9S06291
Resi9 Switch
2P 100A

+ PURCHASE \$500 + GST ON ONE INVOICE OF ANY 56 SERIES OR RESI9 PRODUCTS AND RECEIVE A PHILIPS GO SURE ADR GS3201 DASHCAM VALUED AT \$269

The promotion runs from 1 May – 30 Jun 2024. Entry to the promotion is open to customers of participating Powerbase Members. Terms and Conditions available at participating branches and marketplacemagazine.co.nz

NZ DARTS MASTERS

HAMILTON 16-18 AUGUST 2024



Schneider
Electric



*Purchase a PDL Iconic bulk pack , 50x Iconic or PDL 600 double sockets
or a combination of both or \$500 + GST on one invoice of 56 Series or Resi9
products and receive a Philips Dashcam plus go in the draw to*

**WIN ONE OF 40 PLACES
TO THE NZ DARTS MASTERS**

The promotion runs from 1 May – 30 Jun 2024. Entry to the promotion is open to customers of participating Powerbase Members. Terms and Conditions available at participating branches and marketplacemagazine.co.nz

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PERFORMANCE.**

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Everyday low price.



MARLEY

by aliaxis

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Time for a coffee break



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HALCYON

The Hills Golf



VYNCO

ANOTHER SUCCESSFUL POWERBASE EVENT- 4 APRIL 2024

The 2024 Powerbase National Stableford golf tournament was held recently at the prestigious Hills Golf Club at Arrowtown, with each team made up from the Powerbase group companies consisting of a Powerbase host playing with their contractor customers.

This was the 15th running of the event which has been strongly supported since its inception by Vynco Industries NZ Ltd. The Hills course is turned over to Powerbase and their guests for the day and this year the after dinner speaker was Sir Ian Taylor, who gave an interesting talk on Animation Research Ltd and coverage of sports events all over the world.

The winning team for the day was from Industrial Electrical Supplies.



POWERBASE TURNS 40

MORE INFORMATION COMING SOON



Welcome to our Autumn issue of Marketplace 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



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CREATING A SMARTER HOME

By Vanessa Willats, South & East Auckland Sales representative



I started in the electrical industry over 20 years ago. Back then electrical technology was limited to how many power outlets you wanted in your home, and where you wanted your switches to be placed. Colour options weren't a thing, and USB powerpoints were not invented. If you were lucky, you had a manually triggered door switch in your pantry that turned your lights on when you were hunting for a midnight snack. Back then, this was considered smart.

Making standard switches smart

Jumping forward to 2016, we launched a new range of light switches in New Zealand called PDL Iconic. In 2017, we started introducing optional Bluetooth mechanisms as part of this range and revolutionised the electrical industry.

Essentially it meant homeowners could chose to turn their standard switch into a Bluetooth light switch. Then with the introduction of Bluetooth timer mechanisms this allowed them to turn a

standard switch into a timer which has the ability to schedule appliances like heated towel rails or spa pools to come on and off at set times, and all from the ease of the Wiser Room App on a smart device.

A standard Iconic light switch can simply and easily become a smart light switch. It doesn't have to be done at the initial point of installation either. The beauty of the system is you are not locked in. You could decide a couple of years later that 'I'd really like that standard light switch to be smart now' and arrange for an electrician to install the smart mechanism, without too much trouble or cost.

New Wiser Iconic Connected Socket

Then in 2020, we were proud to again add to the Iconic Bluetooth range, offering electricians, builders and homeowners even more choice when it comes to their customers and homes, with the introduction of the (drumroll please) Wiser Iconic Connected Socket.

The new Iconic smart outlet comes with in-built Bluetooth connectivity and runs off the same PDL Wiser Room app as the other Iconic Bluetooth offers. It allows homeowners to use a run-on timer, or set up to 16 different schedules for appliances that they don't necessarily want on all the time, such as gaming systems, TVs, Wi-Fi routers (those of you with teenage kids I can hear your minds whirring) or even irons and electric blankets.

The Iconic smart socket is a double switched 10A horizontal connected socket. The left and right-hand side outlets can be controlled independently, giving you choice in terms of how you want to use it. There is a touch actioned pairing button in the middle of the two outlets with an LED indicator light. Once paired to your smart device the LED arrows on the button will indicate whether the right or left-hand side sockets, or both sockets are in use.

The outlets also come standard with safety shutters, to offer added protection against electrical risks. The dolly rockers



are identified with text saying “OFF” and “SMART” so you can clearly identify the mode of the outlet. When in “SMART” mode, you will be able to use the Wiser Room App to set run out timers, schedules or simply control whether you want it on or off, when within range. When in “OFF” mode it disables any app control, schedules or timers. As with a standard outlet, off means off.

Pairing to the socket is simple. Open up the PDL Wiser Room app on your smart device. Ensure Bluetooth function is enabled. Simply touch the middle touch switch three times. Both LEDs should flash rapidly for 30 seconds, and then the app will give you instructions on how to pair. Once paired it will be discoverable on the app under “Socket”. From there you can use settings to label the appliance and add schedules or timer functions as you wish.

They are straightforward for an electrician to install, as they use standard wiring and are compatible with most standard flush boxes and brackets. The Bluetooth

mechanism is in-built into the outlet, so in terms of ordering it is simply the Connected Socket Grid (PDL395CSG), and then the Iconic Skin cover of choice, so 2 parts.

The benefits stack up

The benefits of smart home technology in terms of energy efficiency and power savings can really add up over time. According to Energy Efficiency and Conservation Authority (EECA), an average household spends \$175 a year to run a towel rail continuously, but you could easily save \$115 if you used a timer to only have them on for eight hours a day.

Using existing and affordable Bluetooth technology to simplify scheduling a heated towel rail to automatically turn on and off for homeowners, whilst continuing to give them the control to adjust and change the timings to suit their ever-changing lifestyles seems to be a practical way forward. With many homes with 2 or 3 bathrooms now, these savings could very quickly add up.

For many Kiwis having a full home automation system isn't practical or what they actually need. They might simply want to turn one device on or off, or they may just want a countdown timer on their bathroom fan or a particular wall socket. There will be instances where a fully connected home is the best solution, but when someone just wants a few things to be smart, Bluetooth connected switches, timers and powerpoints might be the best answer.

If you had told me 20 years ago, that I would be championing the cause for the adoption of smart home technology in New Zealand, I probably would have laughed in your face. But even us more mature folk can change our opinion and ‘move with the times’, especially when we can see the obvious benefits it can have for our customers, power management and the environment in the long term. 📌

Taken from <https://www.pdl.co.nz/pdl-media-centre/trade-blogs/create-a-smarter-home>

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GDL362/3/4/5

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Actual prize not shown.



Promotion period:

1 May to 30 September 2024.

For your chance to win the Gold Bar, spend over \$10K on Firstflex products with your participating electrical wholesaler over the promotion period and receive 10 entries into the draw. Every additional \$1000 spent gives you 1 additional entry.

Terms & Conditions apply.

Check instore for full Ts & Cs.

Available through your local Powerbase Branch.

THE HEADWATERS ECO LODGE A PIONEER IN SUSTAINABILITY



The Headwaters Eco Lodge is New Zealand and the world's first visitor accommodation to be designed, built and operating based on regenerative design principles to Living Building Challenge (LBC) standards.



Recognised globally as the most stringent design principles for creating a healthy future where our planet and humanity are thriving, the lodge has been certified by the International Living Future Institute for its inspiring and regenerative approach to energy, water, materials and beauty.

The LBC uses a flower metaphor to reflect a healthy living entity where the building is rooted in place while generating its own energy, collecting its own water, supporting its local ecosystem and community (via pollination), and becoming food for the local ecosystem at the end of its life.

And like a flower, it should all look beautiful. The 'petals' of the flower are woven throughout the guest experience, with premium eco-chalets, the main lodge building and an outdoor Scheelite Shelter being sustainably constructed to enhance light, mountain views, and year-round comfort using repurposed and non-toxic construction materials, lush native plantings, and a visual bounty of beautiful locally commissioned artwork.

Recycled building materials include three local woolsheds, the auctioneers platform from the old Dunedin Stockyard, and materials from buildings damaged in the 2011 Christchurch earthquake. Local rock from the Dart and Rees rivers has been used to create the Braided River stone mosaic flooring in the Homestead building.

"The lodge has gone beyond the basics of its carbon footprint, by creating a sense of place by adding cultural and natural history stories and curated local craft and art, so our guests can learn about the region even when inside our buildings," says Debbi Brainerd who purchased the property with co-founder husband Paul ten years ago.

The Brainerds want guests to experience authenticity and connection to the local people and culture of the region with warm welcoming interior spaces.

"Our environment enables guests to relax, refocus, and nourish their minds and bodies which is what we all need for our creativity to flow. The extra bonus for businesses and all our guests is knowing that all our profits support the local Glenorchy Community Trust," says Debbi.

Environmental credentials

The Lodge has an annual net positive status and uses 50% less water than similar facilities, setting a commendable example. The installation of 589 solar photovoltaic panels, including some translucent ones makes it one of the South Island's largest solar gardens. The panels were installed in 2015 and most panels are 340W, with the exception of some translucent panels which are 170W.

Generating an average of 210MWh

per year is quite impressive, especially considering the variability the weather can introduce. The Lodge is embracing sustainable practices not only in energy generation but also in infrastructure, such as using non-toxic cables in accordance with the Living Building Challenge. Having 8km of underground cable powering multiple facilities, including The Lodge, Mrs Woolly's General Store and the Campground, demonstrates a comprehensive approach to sustainable energy management.

All toilets are compostable but no, they don't smell. There's a sophisticated system which means a sensor-controlled fan automatically sucks air down when being used.

Thanks to Paul's highly technical skills, there's an underground complex circular waste management and water system that turns all used grey and black water into irrigation water through the three gravity fed constructed wetlands. The buildings meet Net Positive Energy certification using SIPs panels, ground source heating, fresh air exchange units, daylighting and LED lighting throughout.

A little more on our Smart Wiring Automation System; all light fixtures use LED bulbs – highly efficient when turned on, and many lights within the Lodge's buildings automatically turn off when there is no-one in the room. In total the Lodge has in excess of 1800 sensors onsite!

Exterior lighting is also automated, providing safety and illumination for visitors while respecting Glenorchy's rural landscape (and future Dark Sky accreditation plans!) by avoiding unnecessary light pollution.

Last but not least, an impressive kitchen garden, winterised greenhouse and orchard produces fresh produce served daily to guests at breakfast and dinners at the lodge. Alongside the growing, the Headwaters has recently commissioned a large public community composting station for the local township.

Glenorchy and The Headwaters Eco Lodge is a fantastic place to stay, experience some Winter Magic and see all this innovation for yourself! 📍

**Pay for
Bed and Breakfast and
receive a complimentary
3 course Chefs Dinner
for two in our restaurant
(saving you \$170).**

*An exclusive
offer to Powerbase
customers*

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September 2024, use
coupon code POWER
when booking.**

**T&C apply see our
website for details.**

**theheadwatersecolodge.
com/stay-with-us**





SUSTAINABILITY

Sustain to Lead



“Connect, to lead” represents the essence of Prysmian Group’s mission and strategic vision. We want to connect the world and together lead the energy transition and digital transformation. We want to push ourselves further and further.

The 2023 Integrated Report represents as additional proof of Prysmian’s daily commitment to integrating sustainability within its business strategies and its role as an enabler of the energy transition and digitalization process.

In an integrated manner, the Report explains Prysmian’s ability to create both financial and non-financial value over time, in the context and markets in which it operates.

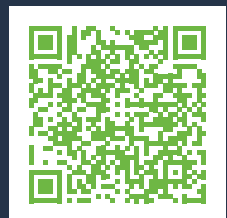
The Sustainability Report shows how Prysmian has become a leading player in this global transition, starting from its history and examining its performance, the ever-growing commitment to innovation and the extraordinary projects undertaken in every part of the world.

By providing further analysis, the Sustainability Report complements the Integrated Annual Report, comprising the Integrated Financial Report and the Non-Financial Statement, in which financial and non-financial information is integrated in a systemic approach covering strategy, governance, production activities, financial performance and social, environmental and economic interactions.

Prysmian uses the Sustainability Report to tell all Stakeholders, in a coherent, rigorous and engaging manner, how environmental and social sustainability have become central to the Group’s activities. This document also represents the Communication on Progress (COP) of the Prysmian’s UN Global Compact.

From an accounting standpoint, the Sustainability Report is subjected to a limited examination by an auditing firm, in accordance with the International Standard on Assurance Engagements (ISAE 3000 Revised).

DOWNLOAD & READ THE FULL REPORT HERE



GLOBAL LEADERSHIP

With a direct presence in more than 50 countries around the world, 108 factories, 26 R&D centers and around 30,000 employees, Prysmian is a global leader in cable systems for energy and telecommunications.

Every day, all over the world, Prysmian contributes to the development of smarter, more sustainable electricity and telecommunications networks to transport clean energy and information faster and farther.



Join us... In **sustaining** a powerful tomorrow.

Committed to sustainable innovation, Prysmian is dedicated to creating a greener, more connected world. Leading towards a future powered by clean energy, robust connectivity, and social responsibility, we recognize that true sustainability goes beyond technology.

Our commitment extends beyond providing superior cable solutions for sustainable growth and profit. Fostering a workplace culture valuing individuals and employee engagement, it's not just a strategy; it's our heartbeat. We celebrate achievements and dedication to diversity.

We actively share sustainability information with customers, showcasing the environmental impact of our products and comparing it to potential savings. This empowers customers to make informed choices.

In the evolving landscape of global challenges, we respond strategically, leveraging competitive advantages and technological excellence with resilience and innovation.

At Prysmian's core, we're not just connecting cables; we're connecting people and communities. Navigating towards the future, we embrace technology to work for a greener, more inclusive tomorrow.

 Prysmian Australia & NZ  Prysmian Group

Product specifications, contact Prysmian:

prysmiancable.co.nz



prysmian



Cleverfit Exit
ECFLED-LI



Ultrablade PRO Recessed Exit
EUBPRO-LI



Ultrablade PRO Surface Mount Exit
EUBPRO-SM-LI



Boxlite Ceiling Mount Exit
EBLLED-CM-LI



Boxlite Wall Mount Exit
EBLLED-WM-LI



Weatherproof Universal Exit
EWELED-LI



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Lifelight Surface Mount Emergency Light
ELIFE-X-LI-SM



Lifelight Weatherproof Surface Mount Emergency Light
ELIFE-X-LI-SM-WP



Circlite Emergency Light
ECLLED-LI



Bulkite Emergency Light
EBULK



EPIC Indoor LED Batten
EPIC-600 / EPIC-600-EM
EPIC-600-SEN / EPIC-600-SEN-EM
EPIC-1200 / EPIC-1200-EM
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

HOW TO PLAY A BUNKER SHOT FROM WET/COMPACTED SAND



Here are a few tips to help you become proficient when playing this shot over the coming winter months.

In wet conditions, when the sand has become more compacted, avoid opening the clubface as you would normally do when playing a standard greenside bunker shot from dry/ fluffy sand.

Instead, keep the clubface "square" to your target so as not to add to the amount of "bounce" already built into the sole of your club (Adding "bounce" is detrimental when playing from wet/compacted sand - doing so prevents the leading edge of the club from digging into the sand to create the "explosion" required to propel your ball out of the hazard).

- Select a sand-wedge with little

bounce or even practice playing this shot with a pitching wedge (which has even less bounce than a sand-wedge).

- Place most of the weight on your front foot – this will help you create a steeper downswing. Keep the weight here throughout the motion.
- Position the ball just forward of centre in your stance and aim to impact the sand about an inch behind the ball. Make sure to accelerate the club through the sand upon impact.
- Plan for the ball to come out faster, carry further and stop more quickly than it would do from dry sand. 🏌️



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- Minimised maintenance costs of emergency lighting equipment
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500 LUMENS
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\$64.99	\$72.99	\$19.99	\$19.99
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BWP ECO WEATHERPROOF BATTEN

COLOUR SELECT 4000K / 5000K / 6500K,
LUMEN SELECT, IP65 & IK08 rated for installing in harsh environments, Operating temperature: -10°C to +40°C, Clip-in gear tray with safety lanyards and large terminal block for easy installation.

BWPECO404G2

4FT / 1400mm
19W / 2700LM, 28W / 3600LM
33W / 4200LM, 41W / 5000LM

\$69.00

BWPECO505G2

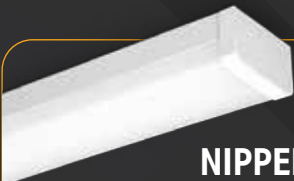
5FT / 1500mm
27W / 3400LM, 37W / 4600LM
44W / 5300LM, 56W / 6300LM

\$79.00

BWPECO505G2ME (Emergency)

5FT / 1500mm
27W / 3400LM, 37W / 4600LM
44W / 5300LM, 56W / 6300LM

\$187.50



NIPPER BATTEN

130mm wide body, **COLOUR** SELECT
4000K/5000K/6500K, CRI80, Flicker free design,
Insect proof removable LED module for easy
installation.

NIPBAT404ECSLS

LUMEN SELECT
4FT/1200MM
20W / 2400LM, 26W / 3000LM
31W / 3400LM, 36W / 4000LM

\$79.00

NIPBAT505ECSLS

LUMEN SELECT
5FT/1500MM
29W / 4000LM, 36W / 5000LM
44W / 5900LM, 51W / 6700LM

\$92.50



White recessed



White surface mount kit

FIREFLY EMERGENCY LIGHT

Non maintained emergency with manual test, IP20,
Class II, D32 emergency classification.

FFRLED2

White recessed, Ø114 cutout
2W / 170LM (EMERG MODE)

\$94.00

FFSLEDKITWH

White surface mount kit

\$20.00



STINGRAY EXIT LIGHT

24m Viewing distance, Maintained, Manual test,
Replaceable lithium iron phosphate (LiFePO4)
battery, Complete with all pictograms, Optional
IP65 enclosure, Suitable for ceiling and wall mount.

STLED-L

WHITE
5W / 120LM (MAINT MODE),
1W / 30LM (EMERG MODE)

\$100.00



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

\$136.50



WALL PACK BULKHEAD

4000K, IP65 and IK08 rated with robust aluminium
housing for installing in harsh environments,
Operating temp. -20°C to +50°C, Center cable entry
from back, knockout for conduit or cable glands
from bottom.

PLEDWP20W4K
20W / 2200LM

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PLEDWP30W4K
28W / 2800LM

\$124.00



POLO BULKHEAD

COLOUR SELECT 3000K / 4000K / 5700K, IP65
& IK08 rated for installing in harsh environments,
Operating temperature: -20°C to +40°C.

POLO2-21W
22W / 2100LM

\$149.00

POLO2-21W-EM (Emergency)
22W / 2100LM (3K MAINT MODE),
2W / 180LM (3K EMERG MODE)

\$260.00

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VIVO

BATHROOM HEAT-FAN-LIGHT

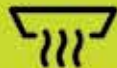
Innovative self-regulating blower fan heater with separate dedicated high-performance extraction fan and high output LED light



EXTRACTION FAN



LED LIGHT



FAN HEATER

2-Level Fan Heater - 1400W & 2000W

115Pa Exhaust Static Pressure

92 l/s, 330 m³/hr

49.5 dB(A) Sound Level



\$349.50

FAN7291
with 4 gang wall switch

CONTOUR 150mm BATHROOM FAN

Manrose CONTOUR bathroom fan delivers simple compliance with current New Zealand Building Code G4/AS1 mandatory mechanical extract ventilation system requirements.

- 45W Total Load
- 77 l/s, 276 m³/hr
- Standard Switching
- 0.58 W/l/s Specific Fan Power
- 40 dB(A)

Fascia Selections:



\$18.50

FAN4710
Round White



\$37.00

FAN4511
Round Black



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Campbell Burnes on Rugby

EXPANSIVE ENGLAND



Former Manu Samoa No 10 and freelance rugby scribe Campbell Burnes saw an England side throwing off the proverbial shackles during the Six Nations.

There was a time, not too long ago, in fact, when England's rugby was synonymous with kick and chase, kick and clap, even.

Eddie Jones tried to inculcate a more fearless, aggressive approach to rugby

during his turbulent tenure, but he was gone by the end of 2022.

In came Steve Borthwick at the helm and the early results were hardly promising. After a sluggish fourth position in the 2023 Six Nations, England's Pre-Rugby World Cup form was catastrophically bad. But somehow, it made it through to the semifinal and, if Handre Pollard had been astray from the tee, then the Red Rose would have reached a fifth decider against all odds.

The first three 2024 Six Nations outings hardly boded well, scratchy wins over Italy and Wales and failing to regain the Calcutta Cup from Scotland. Borthwick's

men were employing a blitz defence, under Felix Jones, which seemed to be hit or miss.

Then came the 'eureka' moment for England, edging the world's No 1-ranked team, Ireland, 23-22 at Twickers in bold and brilliant fashion. Led by outstanding No 8 Ben Earl, the England pack rediscovered its mojo and that allowed the backs to cut free. There was no Owen Farrell, so George Ford was pulling the strings, and he looks more likely than the physical Farrell to ignite his outsides. Marcus Smith can chime in off the bench with maximum impact. The midfield of Ollie Lawrence and Henry Slade is not quite at the Nonu-Smith level yet, but it's a step up from the days when Mike Tindall played upwards of 70 Tests. Poor old Tindall... decent bloke, good tackler, great snoz, slow as a carthorse on attack.

Now there's a cutting edge to England's attack and a desire to utilise the speed on the outside of George Furbank, Tommy Freeman and Immanuel Feyi-Waboso. The latter is just 21, so why wouldn't you use his pace and potency?

Against Ireland, England played with pace, confidence and, above all, verve. The latter is a hard to define word that does not guarantee victory but does guarantee that you will go down with all guns blazing. This is what transpired in Lyon a week later when France nudged them out 33-31. But it was a cracker of a match in which England did all but cause a second shock in seven days.

This may be England rugby's 'Bazball' moment, when it works out that it does have the personnel to be entertaining and win in the process. If they hold fast to these new-found principles, it should make them a far more compelling watch.

So let us hope that, when Borthwick's men hit these shores in July, they do not retreat into their well-worn shells. They have found a better way to play rugby, should they retain most of the Six Nations roster for the tour to New Zealand.

In early February, you could easily have chalked up a 2-0 series victory for Razor's first All Blacks. Now, the odds may have tightened on a 1-1 draw, with the W coming in Dunedin, as the second Test is at Fortress Eden Park. ▣

By the end of the Six Nations, England had thrown off the shackles.



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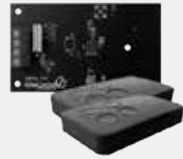
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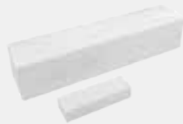


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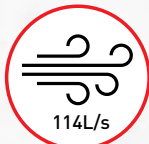
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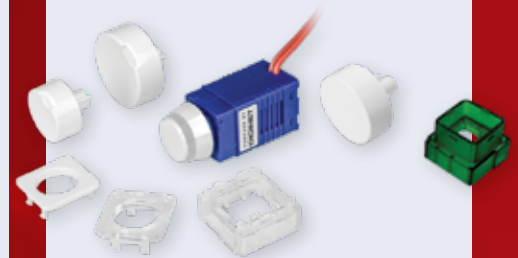
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With a career spanning more than two decades, Schumacher's impact on the sport goes far beyond his seven World Championships, he's an icon who forever changed the face of racing.

Born to working-class parents, Schumacher started his racing career in karting, winning his first karting championship aged six in a kart built from discarded parts, and essentially never looked back.

He made his F1 debut with Jordan-Ford team at the Belgian Grand Prix in 1991, and completed his final race with Mercedes in 2012, (retiring for the second time), and during that time notched up 300 Grand Prix races (the second driver in history to do so), and held numerous records including most Grand Prix wins (91 - one short of the combined win totals of Ayrton Senna and Alain Prost), 68 pole positions, and 77 fastest laps, to name but a few. Sure, some of his records have been broken since, but his 100% podium finish in 2002 remains.

Beyond his exceptional driving abilities, it was Schumacher's mental fortitude and unrelenting work ethic that set him apart. Known for his meticulous preparation, he would spend countless hours analysing data, studying rival drivers, and perfecting his skills. Every race weekend, he inspired his team with his unwavering determination and dedication, and despite numerous setbacks and challenges, he always found a way to bounce back stronger, proving that success is often a product of resilience and focus.

Schumacher brought Formula 1 into the mainstream, (even moreso in Germany), captivating millions of fans around the world and propelling the sport to new heights. He also played a crucial role in developing the technology and safety standards that have since become integral to the sport, such as the first lightweight carbon fibre reinforced polymer helmet. Additionally, his influence inspired a new generation of drivers such as Sebastian Vettel, several of whom went on to achieve remarkable success.

In 2013, an unfortunate skiing accident left Schumacher with severe brain injuries.

Since then, he has been on a long and challenging road to recovery. While details of his condition still remain private, the continuing support from fans and the racing community demonstrates the lasting impression he has had on the lives of many.

Michael Schumacher's impact on Formula 1 cannot be overstated. His relentless pursuit of excellence, his dedication to the sport, and his unwavering determination made him a force to be reckoned with. As racing enthusiasts, we eagerly await any news of his recovery while cherishing the memories of his remarkable career. 🏁



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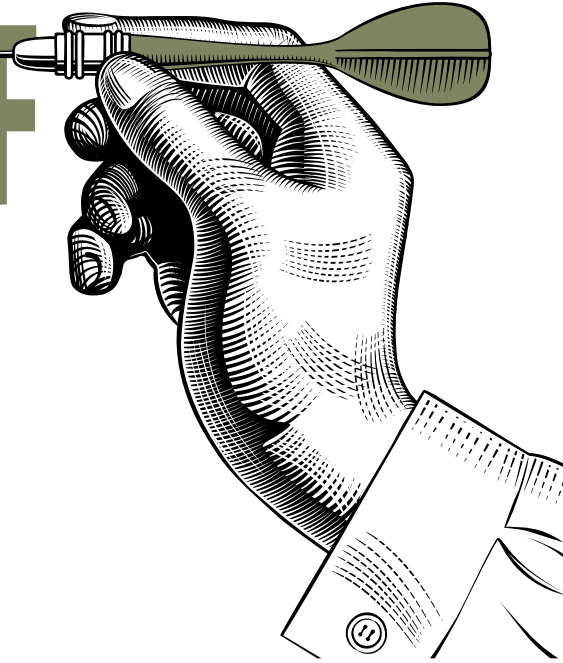
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DARTS

A HISTORY OF THE BOARD



When you first look at a dartboard the thing that confuses most people is why the numbers are set out the way they are. The answer is similar to the reason that the keys on a keyboard are not in alphabetical order.

There are various theories about why the letters on a keyboard are mixed as they are, the most common (not necessarily correct) being that the original mechanical action of the typewriter type bars was likely to jam if too many keys were typed too quickly while being too close to each other, so it was designed to slow down typists. The QWERTY keyboard was patented in 1878, but by 1893 it was the accepted standard, and has never been successfully challenged.

In the early days as the dartboard evolved a few layout options were offered, though the sequence of numbers commonly seen in international competition has been the accepted standard since the National Darts Association was formed in London in 1925. Early dartboards had only 12 segments with scores being multiples of 5, until in 1913 the 20 segments appeared, but originally with no treble ring and only a single bullseye. This evolved into the board we see today with the addition of the treble ring and outer bull.

Sadly there is no definitive source explaining how the number sequence came about, though there have been many theories as to why it makes sense. The official line of thought is they were placed in such a way as to encourage accuracy, as you will notice most of the larger numbers are flanked by smaller ones, so if you miss when you aim for a big number you are unlikely to be "lucky" enough to hit another big number. They don't necessarily

follow a pattern and alternatives have been suggested, but just as the keyboard letter sequence became a standard because so many had used it for so long that it became too hard to change, the dartboard number sequence has been standardised as it is for nearly a century.

There was a short period when the standard game could have changed dramatically with the introduction of a "quad" ring which was added between the triple ring and bullseye, scoring quadruple points. Even though Harrows made a short production run of this board (1992 – 2000) and it was used in the WDC UK Matchplay from 1993 – 1996 it didn't catch on and has not been used in a professional event since. They have become quite a collectors item though, so grab it if you happen across one for sale somewhere, so far none of the manufacturers have been interested in resurrecting them.

As for the construction of the board the first boards were made from log ends of elm which needed soaking daily to soften them, or plasticine which needed to be smoothed after each leg with a warm iron which caused a terrible smell. The original bristle boards were marketed by the Nodor Company in 1935, the name of which came from the words No Odor from the invention in 1919 of plasticine that didn't smell. Nodor first marketed the (not so smelly) plasticine dartboard in 1923 and the idea of a bristle board came about in

1932 made from rope ends. Since then sisal has been the fibre of choice for dartboard construction, with 3.7 million fibres compressed tightly into a flat round disc before being sanded and screen printed. Sisal comes from agave leaves, the same plant that is used to make Tequila, though you won't get drunk by sucking on a dartboard. Between dartboards, rope, Tequila, and it's sweet syrup the agave plant has become quite popular to farm.

You'll probably recognise a few names on dartboards if you watch darts on TV or frequent the various social drinking establishments. Common names are Harrows, Unicorn, Shot, Puma and Winmau (pronounced "win more"). The name Winmau was derived from the name of the founders wife, Winifred Maud Kicks. Harry Kicks started out making elm dartboards in 1945 until the technology arrived to make paper coil boards in the '50s. When the Nodor patent expired in the early '60s Kicks started making bristle boards and the quality was such that the British Darts Organisation (BDO) signed up the Kicks dartboards in 1973 to be the official boards of the organisation. A few years later the name changed to Winmau, and in 2002 Nodor bought out the brand. Nodor still produces top quality boards under the Winmau name and signed a 5 year deal in 2022 with the Professional Darts Corporation (PDC) to supply boards for all their tournaments. 🎯



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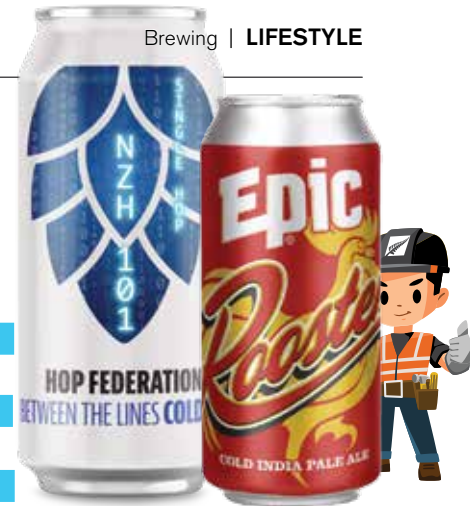
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POWERBASE 

COLD IPA: LOWERING THE TEMPERATURE ON A CLASSIC STYLE



No other style of beer has spawned more sub-variants than India Pale Ale.

From its origins as the extra strong and hoppy 'beer concentrate' brewed to last the trip from Britain to India, IPA has evolved into a myriad of different styles. Everything from Black IPA, to the industry shaking Hazy, stems from that one common ancestor. Now the strain has mutated once again, giving rise to the new Cold IPA style. A clean, lite and decisively hop focused approach to this classic beer.

This is achieved by making one of the most significant breaks from the core style ever, swapping traditional ale yeast for lager, and undergoing the same cold fermentation as the latter, meaning that while it is still referred to as an ale, Cold IPA is technically a lager beer.

This slower, gentler fermentation process combined with significant use of more neutral grains like rice and corn, produces the uniquely clean and light body that typifies the style.

With this extra smooth and neutral malt base, even more focus can be cast on the hop characters than ever before.

This doesn't just mean 'more hops' which has been IPA's principle mantra since its

inception. Rather, the intrinsically drier malt flavour means that hops can be explored in entirely new ways than before, focusing on more nuanced and fragile aromas and flavours that would previously be drowned out by the richer malt body, or the higher bitterness required to offset it. These beers can be aptly described as the closest thing to anti-hazes that we have, which has proven a compelling prospect to the increasingly large camp of drinkers finding themselves over that scene dominating style.

While Cold IPA is still a style very much in its nascent development, the last few months of releases have more definitely started to indicate that brewers are becoming more comfortable with this latest addition to the pantheon, with releases beginning to show a clear and distinct identity. Here are some recent highlights which best typify everything that Cold IPA is, and the direction of future releases yet to be.

HOP FEDERATION: 'Between The Lines' 5.8%abv

Utilising the developmental hop 'NZH-101' this release from Hop Fed is a modern beer on all accounts. It's also one of the lightest of the new Cold IPA's, in both %ABV and the ethereal nature of its flavours. A nimble and gracefully aromatic beer, with delicately pungent herbal character mixed with fragile floral tones.

BACH BREWING: 'Blizzard of hops' 6.5%abv

Fully embracing its mixed lager bloodline, using a Bohemian yeast that accentuates its smooth and grainy malt backbone, makes Blizzard one of the weightier recent examples of Cold IPA. Still significantly hop driven with its broad mix of NZ and US varieties, this more explicitly lager focused release should make headway with the Steinlager purists.

EPIC BREWING: 'Rooster' 6.3%abv

As described, Cold IPA's gentle character leaves them with less need of the traditionally big IPA bitterness. But, in true Epic fashion, they wondered what would happen if they instead dialled the bitterness even higher... The result is one of the most impactfully bitter IPA's in recent years. One for the true IBU thrill seekers. 🍺





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THIS JAGUAR XK120 IS A ROAD LEGAL KIWI RACING LEGEND



Any Jaguar XK120 is special. Built from 1948 to 1954, the XK120 was the car which made Jaguar as we know it today. With its XK straight six and gorgeous flowing lines, the XK120 quickly became the must-have accessory for all tycoons and celebrities, such as Clark Gable and Frank Sinatra.

The XK120 also saw its fair share of action on the global motorsport stage. Le Mans, the Ulster Tourist Trophy and the Monte Carlo Rally were all the stomping ground for this new cat. While XKs like the famous Monte NUB120 took all the sporting headlines, one competition XK120 in New Zealand gained all manner of attention from Kiwi racing fans throughout the fifties and sixties. Called the Silcock/Middlemass XK120 racer, it is one very special car.

The car, rego AL6246, was bought new by Dave Silcock from Ron Sylvester's Sydneham Park Car Sales in 1950 for 375 pounds. Chassis number #660534 indicated it was the 534th RHD XK120 built. Silcock bought with intentions to use it as a road car. However, this changed after a trip to Ruapuna Speedway outside of Christchurch. After seeing the local sports car class competing in earnest, Silcock decided he had the perfect

machine for the job. He decided to take his new Jag racing.

He had some wind deflectors made for aerodynamics and fitted a side exhaust system with all the silencing removed. Before you could say "Coventry", Silcock was competing in his first racing event. He also won it. Silcock then began to modify the XK straight six by boring it out and fitting front disc brakes, drilled disc wheels and a limited slip diff. Thanks to these sporting additives, Silcock was able to win the South Island Sports Production Class with it.

AL6246 saw much success in events like the Waimate 50. It was eventually acquired by Brian Middlemass. Under Brian's ownership, the modifications took over and the Jag became even more of a weapon. Brian once wrote "when purchased by me, it was probably one of the roughest XKs in New Zealand, having been rolled twice and apart from considerable body damage, was

missing many mechanical and hard to get parts such as lights, bumpers, windscreen and interior trim."

In went a 3.8L straight six from a then modern-day E-Type bored out to 3.9L. Also added were triple side draught Dell'Orto carburetors, 9.5 to 1 compression pistons, torsion bars from an XK150, a four-speed gearbox with overdrive from a MK2, uprated rear shocks, flared rear guards, extra bonnet vents, leather bonnet strap, a lightened flywheel, wire wheels and a special Laycock clutch and plenty of other tweaks and adjustments.

The end result was a Jaguar XK120 which produced 300hp and was good for 156mph flat out. Brian was able to record quarter mile run times of 14.5 seconds and was able to lap the original Ruapuna circuit in 53 seconds. Brian's modifications even led to Dave Silcock himself referring to the car as the Middlemass Jaguar, stating "Brian took it much further than I ever did."



Getting into the XK120 requires a certain technique. The door requires a firm tug on the handle for it to open. Once it swings out you can clamber aboard and slot yourself gently down into the cockpit. After a while of moving my lanky legs about, I was set. Its hard to imagine running to this car, leaping in and driving off at speed like the traditional Le Mans start. But they managed quite easily, whereas I could not.

Anyway, once you are in you sit low with that three-spoke racing steering somewhat close to your chest. With the passenger seat covered by the plate a la Le Mans style and those two half circular wind deflectors in front of you, it does feel like a post war single seater. The pedals are slightly off-set in relation to the wheel so half of you is somewhat anchored sideways but you do get used to this.

Right, time to fire up this piece of New Zealand racing history. With the right amount of choke applied, one turns the ignition key and in typical Jaguar fashion, presses the engine start button. What happened next was nothing short of glorious. Those six cylinders began their cycle and the side draught Dell'Orto carbs began mixing air and petrol. The result, thanks to those modified side exhausts, was an engine note which would trigger Greta Thunberg.

A bit of pedal travel is required to get this road-going endurance car performing its opera at the highest pitch. The sweet sound of a Jaguar six, especially one modified such as this, goes down as one of the all-time great engine noises. The cat was well and truly awake. With the sun beating down, driving gloves and shades on, the time to drive was nigh.

The four-speed manual box requires a positive throw and feels very much like a bolt action Winchester rifle when selecting each gear. Moving off and the lack of power steering becomes blindingly obvious.



First gear, moving off with right foot planted, the revs began to rise. Soon enough, my entire surroundings become engulfed in a deafening bellow from that modified straight six. The small half-moon wind deflector keeps the torrent of wind out of my face but everywhere else gets buffeted by the equivalent of a howling gale.

The revs climbed higher, the noise grew louder, the wind grew more intense, and best of all, the smile on my mug got even bigger. By the time the rev needle reached the red, it was complete joy and bloody loud too. Then shifting into second the process started all over again.

As the white lines on SH1 began to merge into one, the XK120 was all warmed up, but you have no time to relax, you have to get on with the job of driving. The Middlemass/Silcock Jaguar XK120 is not a car which you can just cruise in top gear. It requires total concentration at all times, especially when you come to a corner.

In most cars, you arrive at the corner, apply the necessary amount of braking and navigate your way around the bend with no real effort on your part required. To repeat the same process in this Jag requires so much more.

Take the steering. You can't turn left or right when you arrive at the corner. Instead you actually have to coax it into the corner before you get there. Only then the big cat will be set up right to navigate the bend. Braking and being in the right gear is also paramount. You have to book your time to brake well in advance. Get all of these right and you can make the bend cleanly and safely. If not, out come the white knuckles as you try your hardest to stay clear of that grass verge.

This no-nonsense XK120 is about driving. Proper driving. No creature comforts. No roof. Just you and a machine which demands respect. Every gear change, every touch of the accelerator and brake pedal requires 110 per cent of your attention. This is what driving used to be. Raw and simple.

This Jaguar XK120 racer is hands down one of the most incredible and awe-inspiring cars I have ever driven. Whether around the twisty stuff or blasting through North Canterbury, it is such a raw riot of an automobile. For a true dyed in the wool petrolhead, few classic car experiences can equal a drive in the Silcock/Middlemass Jaguar XK120. 🏁

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POWER SURGE: ETCO FORGES AHEAD



Since its acquisition by Skills Group 12 months ago, leading electrical training provider Etco has been blazing a trail with new qualifications and programmes, revamped and expanded training facilities, and a newly appointed leader to drive the organisation forward.

Now part of Skills Group - alongside Industry Connection for Excellence (ICE) and E-tec - the future has never looked brighter for Etco and Aotearoa New Zealand's aspiring sparkies.

"Significant investment in Etco has

boosted opportunities for those wanting to get into trades and will ultimately help propel the construction sector forward by ensuring the human capital is skilled appropriately," says Director of Specialist Trades, Ben Stevens.

Although he officially took the helm on March 1, Ben has been working closely with the organisation for months, developing processes and systems that will lay a robust framework for future growth. It's a task he is well equipped for - Ben previously developed his own strategy and risk software solution and has held a variety of senior leadership roles across a range of industries, both locally and internationally.

"I have a strong background in processes and systems, extensive experience in risk and strategy planning, and a keen interest in technology. My initial focus is on getting the business model right and using technology to make our processes and systems more customer-centric and efficient."

Skills Group has invested heavily in

expanding Etco's reach with a new Specialist Trades training centre just opened in Nelson. Plans are underway for new, modern campuses in Christchurch and Dunedin, both locations Etco has a track record of delivering expert training. These new state-of-the-art facilities include advanced technology to ensure electrical trainees countrywide can access quality learning.

The Elite Course, previously offered only in Auckland, is now delivered regionally. This week-long work ready program prepares group-employed apprentices to hit the ground running in their host businesses and includes everything from EWP training, Site Safe and first aid courses to financial literacy.

Etco's Central North Regional Manager Lindsay John has been in the sector since 1997, and believes the expanded offerings are a big step up.

"When I did my apprenticeship in the 90s I wished I had half the stuff these guys have got here," says Lindsay. "We're still very connected to the bricks and mortar model



but we also now offer online and hybrid learning. We've got learners nationwide and not everyone can make it into our training centres. By increasing the reach of our programmes we can remove that barrier to learning."

It's a move that's clearly paying off. In the last year the number of learners doing their Level 3 pre-trade at Etco has almost doubled, with a particularly big uptick among females.

"In some regions we're up to about 10% female, and in some of our night classes over 50% of students are female," says Lindsay.

Neuro-divergent learners are also better supported. "We're very conscious of the fact that 10 - 20% of this industry is neurodiverse. These learners are just as good ability-wise, but have a different way of learning, and we're now supporting them better in the way we teach by adopting tools such as different coloured fonts for students with dyslexia."

And with the new 4204 qualification rolling out from July, Lindsay says there's plenty

more to get excited about. There will be greater emphasis on professionalism, customer service, soft skills and industry expectations. Apprentices will be able to submit their on-job assessments digitally, speeding up marking considerably, and the shift to 'staircase learning' will build stronger foundations.

But what Lindsay is most excited about is the development of a suite of Etco microcredentials that will build skills in emergent technologies such as solar, EV and home automation. This will expand offerings for apprentices and give qualified tradespeople the chance to grow and future-proof their skills.

"We've just delivered a series of roadshows around the country and our microcredentials have received fantastic industry feedback. Employers have signalled loud and clear that these new qualifications are very much wanted, both for apprentices and qualified tradespeople, and there is a big appetite for upskilling. It's great to be part of an industry that's so keen and motivated." ■



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KEZZA'S SMOKED SALMON

Over the past 20-or-so years I would hate to think how many kilos of salmon I have smoked! It is a guess but would be in the realms of 100s and 100s and over that time I have served it to some top chefs here in New Zealand and across the ditch and all have given it high praise.

We have recently added smoked salmon to the menu at our barbecue restaurant business as an alternative to those that may not gravitate towards traditional smoked meats like brisket, pulled pork, ribs or lamb and it is proving a winner.

SMOKED SALMON IS A RELATIVELY COMPLICATED PROCESS, SO LET'S GET STUCK IN.

Total time: Approx. 1 hour

INGREDIENTS:

Salmon (fillet)
Natural Maple Syrup (the real stuff)
Rum & Que Intensify
Garlic Salt
Parsley

TOOLS:

Smoker capable of "indirect" cooking
Charcoal chimney
Coal Briquettes
Lump Coal
Pohutukawa smoking wood
Pin bone pliers (a fine needle nose will do)
Fillet knife
Grease proof baking paper

METHOD:

1. Set up your smoker for indirect cooking and light up around 15 briquettes.
2. If not "pin boned" already, you will need to use pin bone pliers and identify any rows of bones present and remove them from the fillet. I use the plier to grasp the bone, then with a gentle "pulling-shaking" motion lift the bones out.



3. Sprinkle a fine coating of Rum & Que Intensity to the fillet or portion, and gently rub for even coverage.
4. Apply maple syrup for an even coverage and again gently rub on to fillet.
5. Sprinkle a small amount of garlic salt and set aside.
6. Add the lit coals to your smoker (vents wide open) and add the pohutukawa smoking wood directly on top of coals.
7. Lay down a suitable size piece of grease proof paper directly on to the grill but away from the heat (indirect) and place your prepared salmon onto the paper - close the lid. You should see a clean "white" smoke leaving the exhaust vent.
8. After 35mins in, start up a decent amount of lump coal in your chimney and get that "roaring" hot.

9. After 45mins add the lump coal to your smoker (indirect), sprinkle salmon with parsley for colour and close the lid. You should see a rapid rise in pit temp.
10. At 1 hour check you are happy with the colour of the salmon, the sugars in the maple should have caramelised and look divine.

Remove the salmon from the smoker and serve immediately as part of a meal or on a platter, alternatively cool, refrigerate for later use. Goes great with eggs bene, on bagels with cream cheese, in a salad, in a dip, in sushi.... basically get creative - smoked salmon just works!!

Until next time - keep the fires burning.



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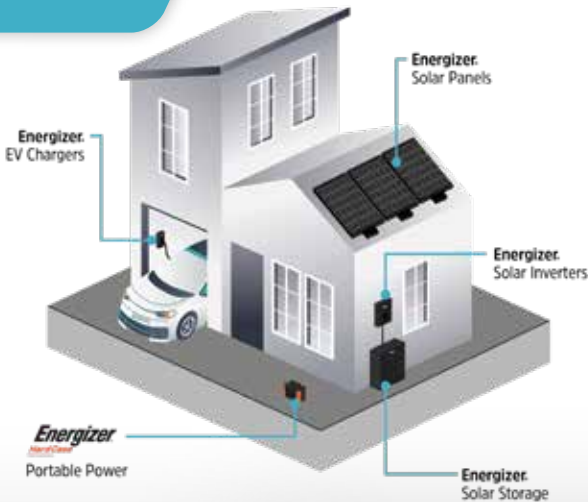


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TV & Chromecast

\$979.00

TN-55W70AGZ
55" 4K LED - Google
TV & Chromecast

\$1305.00

TN-65W70AGZ
65" 4K LED - Google
TV & Chromecast

\$1957.00

TN-75W70AGZ
75" 4K LED - Google
TV & Chromecast

\$2935.00

TN-85W80AGZ
85" 4K LED - Google
TV & Chromecast



\$370.00

SC-HTB510GNK
2.1ch Soundbar with Wifi Chromecast and Wireless Sub

Panasonic

SMOKO BREAK

CHALLENGING SUDOKU

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

		2		6	5			
6	4			7	1			
	5				2			3
4				2	3	9		
		9	1	4				
			8			7	1	4
			2			5	6	
			6			4	3	
2		6						8

WIN A \$50 PREZZY CARD



Read through the magazine and count how many times and on which pages you find the Powerbase Man.

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



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BEST CUP

MAGGIES
46 Stuart Street
DUNEDIN CENTRAL

Situated on Stuart Street to the east of the Octagon, Maggies has gained a reputation for their ridiculously good coffee, food and organic juices.

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



FUNFACTS

NETFLIX STREAMING

The world spends about 164 million hours every day streaming Netflix, which is equivalent to 18,812 years' worth of TV and movies every 24 hours.

RADIO VS IPOD

You would think the invention of the radio would be a big deal, but it took 38 years for the radio to reach an audience of 50 million. Meanwhile, the iPod only took 3 years to reach the same milestone!

THE BEATLES SONG 'A DAY IN THE LIFE' HAS A FREQUENCY ONLY DOGS CAN HEAR

In an interview in 2013, Paul McCartney said that he added a frequency only dogs can hear to the end of the Beatles song 'A Day in the Life'. So watch your dog when you play the song!

For T&C's please refer to our website marketplace.co.nz/terms-conditions

SUPPLIER PRICE NOTIFICATIONS

SUPPLIER	MOVEMENT	EFFECTIVE DATE
Cantaok	+5%	April 2024
CSL	+5.7%	April 2024
Digital Imports	+5%	April 2024
Ellis & Co	+0.3%	April 2024
Eurotech Lighting	+0.8%	April 2024
Evolt Ektor	+24.3%	April 2024
Nexans	+4.0%	April 2024
Omron	+4.8%	April 2024
Schneider	+5.1%	April 2024
Smooth-Air	+2.1%	April 2024
TR Industries	+21.8%	April 2024
CDL	+0.9%	May 2024
Eurotec Ltd	+1.1%	May 2024
Intech	+4%	May 2024

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and operated, we're in this with you.**

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