

ADRAD

the Fridge

Winter 2020

ADRAD

Refrigerator

 KOYO AIR



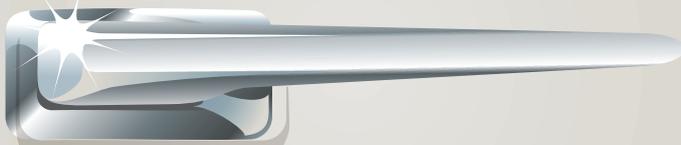
Exclusive to Adrad

2 YEAR WARRANTY!

Adrad is the only supplier in Australia to offer a 2 year warranty on KOYO Condensers.

The KOYO brand is synonymous with quality and KOYO AIR condensers are no exception. Manufactured to exacting standards, the range is the "genuine" alternative to OEM product.

Buy A/C equipment & take advantage of the tax write-off for end of financial year.



Adrad only supplies quality parts, made by the world's leading manufacturers, with brands including:

 ADAIR
Auto Air Products

 MAHLE
Formally BEHR

 Delphi
Technologies

 DENSO

 SANDEN

 Valeo

 KOYO AIR



Adrad is a Quality Accredited Manufacturer & Supplier

Replace it Once
A/C Compressor Kits

NATIONWIDE 3 Year Warranty

“Fitting a compressor kit is the best way to go about the job. That's why I use and install Adrad Compressor Kits.”
Terry Edgar
Kat's Automotive Services QLD

A/C Compressor Kits include all the parts needed to completely restore the vehicle air conditioning system back to new condition.



CONDENSER DEALS

OFFER ENDS 31 JULY 2020



\$110

Normally \$180.00

TOYOTA LANDCRUISER 70 Series
HDJ79R (01-06) & HDJ79R (99-06)
CTOY52 **ADAIR** Auto Air Products



\$95

Normally \$104.63

MITSUBISHI MAGNA TE 2/96-4/97
+ MANY MORE APPLICATIONS
CMIT11 **ADAIR** Auto Air Products



\$115

Normally \$126.33

HOLDEN RODEO TF Dsl 3/98-2/03
+ MANY MORE APPLICATIONS
CHOL39 **ADAIR** Auto Air Products



\$80

Normally \$85.00

FORD FALCON AU
8/98-9/02
CFOR31 **ADAIR** Auto Air Products



\$100

Normally \$112.25

FORD LASER KN, KQ
2/99-9/02
CFOR35 **ADAIR** Auto Air Products



\$140

Normally \$154.48

MITSUBISHI MIRAGE LA
(13-)
CMIT42K **KOYOAIR**



\$95

Normally \$129.29

MITSUBISHI TRITON MK Dsl V6 Pet
11/03-6/06
CMIT26 **ADAIR** Auto Air Products



\$117

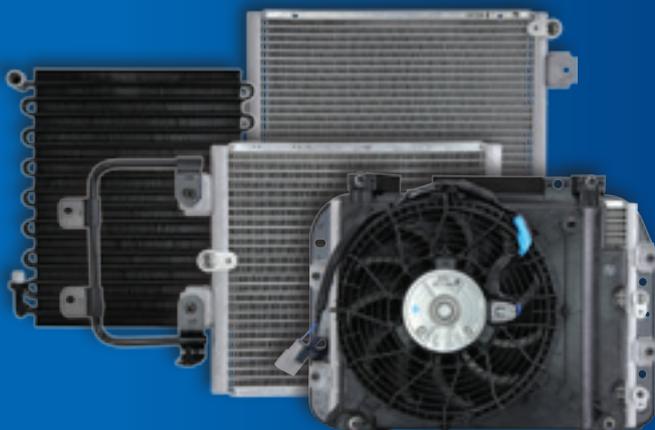
Normally \$130.00

KENWORTH T388 & T402
10/08-12/10
CKEN06 **ADAIR** Auto Air Products

Call **1800 882 043** or visit **RadShop**[®]
Prices exclude GST & Freight. Expires July 31 2020 or while stocks last

DENSO

NEW! CONDENSERS FOR HINO & DYNA



Now in stock Denso condensers for Dyna and Hino Trucks.

New condensers available will suit Dyna and Hino, 300 series, 300/600 series '11-, 700 series XZU700 / 710 / 720 / 730 '11-, LY220 & LY230 5ltr Diesel (3L) '01-05. Hino 700 '06- and HINO FE/FF/GH/FD / FT3 / GT / FD '06-.

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COMPRESSOR DEALS



NISSAN X-TRAIL T31
(10/07-13)
PNIS46



FORD FALCON BA-BF 6 CYL
9/02 - 08
PFOR48



NISSAN PATHFINDER R50
(11/95-12/98), (2/99-6/05)
PNIS34



NISSAN X-TRAIL T31
(10/07-13) Petrol
PNIS07



HOLDEN COMMODORE
VE Series 2 MY12 (9/11-13) V6
PHOL64



NISSAN PATROL Y61
(12/97-) 3.0ltr
PNIS03



TOYOTA LANDCRUISER
VDJ200 (11/07-)
PTOY146

Call **1800 882 043** or visit

RadShop

Prices exclude GST & Freight. Offer Expires July 31st or until stocks last. E&EO.



2 YEAR WARRANTY!

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Exclusive to Adrad

Welcome



Steve Vassallo
Business Development Manager
– Air Conditioning

Welcome to another edition of The Fridge.

Hopefully everyone is safe & practicing social distancing also while coming to terms with this awful situation we all find ourselves in.

Adrad is here to service all workshops in the Automotive sector, so you will be able to expect our continuing HIGH standard of customer service & prompt deliveries to meet your expectations even

with the current climate we are facing. On a brighter note, I hope you had a great summer with lots of work coming in filling up your workshops.

This summer season we have seen a great take up on our 3 year compressor kits.

Customers enjoyed selling the complete package to do the job right once.

I would like to thank each one of you for purchasing a 3 year compressor kit & hopefully your customer has been satisfied with the knowledge they have an A/C system that is new again & having peace of mind that they covered by a 3 year National warranty.

In this edition of "The Fridge" Adrad now offers Koyo Condensers with a **2 year warranty**. No other supplier offers this with the Koyo condenser products.

This initiative will also help with you & your customer to offer either a 3 year warranty with a compressor kit or if only replacing the condenser to the 2 year option on the condenser.

Adrad was the First Australian supplier to supply Koyo Radiators & Air Condensers.

Adrad has worked closely with Koyo to provide the Australian aftermarket with quality products for over 20 years.

Having this relationship with Koyo enables Adrad not only as a supplier, but improves known failures in certain models with the development team at Koyo.

Continue reading "the Fridge" for specials on compressors, condensers & other new products that Adrad now offers.

Adrad has a wide range of products to meet your needs. The product department are always expanding our range, so make sure you log into RadShop to keep up to date with new products & releases.

Like always if you feel that Adrad needs to stock or range certain products, or would like to see us carry something we don't have listed.

Please email customerservice@adrad.com.au

the Fridge *SPECIAL* **TAKE ADVANTAGE OF TAX TIME**

ARIAZONE 5001 FAHDB R134a or HFO-1234yf DATABASE

SPECIAL PRICE \$5,520

Normally \$6,300

TOTAL SAVING OVER

\$800

PLUS EXTRA BONUS!

- Free Freight valued at \$150
- 1 Litre of PAOil 68 Grade (P/N AA1-1) valued at \$26.³⁶
- 1 Litre of PAOil 68 Grade With Fluoro Dye (P/N PL68-1) valued at \$28.³⁰

Offer ends July 31 2020
Prices exclude GST

Call 1800 882 043

for immediate delivery

Part No. TUNI267

END OF SUMMER CLEARANCE

SUPER SAVINGS

ON SELECTED HVAC PARTS

The image features a vibrant background with orange and yellow rays. In the center, there are several automotive HVAC components, including a red tool kit, a blower motor, and a condenser fan. A yellow banner with a black border is overlaid on the right side, containing the text 'ON SELECTED HVAC PARTS'.

VISIT RADSHOP.COM.AU FOR A FULL LIST OF CLEARANCE SPECIALS

FIGHT AIRBORNE GERMS AND ELIMINATE ODOURS

Choice of fragrances:

- Original
- Outdoor Essence
- New Car Smell
- Country Fresh
- Vanilla

The advertisement shows a row of OZIUM Air Sanitizer cans in various colors (blue, light blue, grey, green, yellow) and a larger blue can. To the right, there are three circular icons with checkmarks: a green circle with a leaf for 'REMOVES ODOURS', a black circle with a germ for 'FIGHTS GERMS', and a red circle with a bacterium for 'KILLS BACTERIA'. The OZIUM logo and 'AIR SANITIZER' are prominently displayed at the top right.

Don't Blow it With the Wrong Blower Motor

Adrad's comprehensive and ever expanding automotive air conditioning parts range now includes high quality blower motors.

Replacing a blower motor can be a time consuming and difficult task, involving dismantling significant areas of a vehicle's instrument panel. If you're going to all the effort (and contortionist tricks) to perform the job, you want peace of mind to know you don't have to do it again in a hurry.

Adrad's blower motors are sourced from the world's leading manufacturers and include trusted brands like ADAIR, DENSO & Valeo, these blower motors meet or exceed the vehicle's original

equipment specifications and are supported by a nationwide warranty.

Check these out on RadShop or ask your rep for an application guide.



Cabin Air Filters

PROTECT YOUR FAMILY AGAINST AIRBORNE POLLUTANTS

FILTERS BECOME CLOGGED with dust, soot, dirt, bugs, leaves, mould spores & pollen, restricting vehicle air conditioning system.

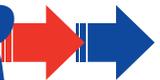
ADAIR CABIN AIR FILTERS meet or exceed Original Equipment specification and are designed to provide optimum air quality.

Optimise A/C Performance and Breathe Easy!

Remember to check your customer's cabin air filter to make sure it's clean.

A dirty filter prevents optimal airflow which will result in poor cooling performance and can result in dust, mould spores, bugs and pollen being circulated in the cabin of the car. In newer cars, cabin air filters are relatively easy to check and replace, generally the cabin air filter is accessible behind the glove compartment.

It's an easy up-sell when you highlight the importance of your customer and their family breathing fresh, clean air, honestly, it's "money for jam".

ADAIR 

Auto Air Products



Fan Clutches & Fan Blades



You Wanted it!

Identifying a niche for quality alternative parts in the Australian aftermarket, Adrad have developed Adair Fan Clutches and Fan Blades to suit 4x4's and light commercial vehicles.

Made to exact O.E.M. specs, the two new product lines were launched in June 2019 and have been very well received and as awareness spreads, demand is gaining momentum.

Prevent Damage to Other Engine Components

A worn fan clutch prevents the engine cooling system from operating at optimum level. Vibration from a worn fan clutch may also be transmitted to other parts on the same belt system, leading to increased wear and premature failure.

Failed fan clutches may also place constant unnecessary load on the engine, reducing available power and increasing fuel consumption. When a failed fan clutch does not engage cooling fans, under-bonnet heat can build up, reducing the efficiency of the vehicle air conditioning system which must work harder to maintain cabin temperature. High quality Adair fan clutches are manufactured to meet O.E. specifications.

High Quality Aftermarket Fan Blades

Adair fan blades are manufactured to original equipment specifications and are a direct-fit replacement, designed to resist cracking and warping in the extreme heat of engine bays. Adair fan blades are made from the highest grade Polypropylene (PP) or Polyamide (PA) to match the vehicle manufacturer's

material specification. Blade profiles are also the same as the factory design to match cooling performance and noise levels.



Product Talk with Shane



*Shane Brown
Product Development Manager -
Adrad Aftermarket*

Wow, what a crazy last quarter it has been in this world – I hope you are all safe and well coping through this global pandemic. As we lead into the cooler months it provides our product team the time to place an emphasis on ensuring our warehouses are well stocked, and

our product ranges are market leading heading into the summer season. In saying this, product management never stops, we were able to add over 200 new part numbers so far in 2020 covering many of our product ranges! Notably, our compressor and TX valve programs have expanded significantly with many new releases this year and many more to come soon – We have also expanded our Sanden Compressor program, did you know we have over 260 Sanden Compressors available? PS – Make sure you check out this issue’s tech tip brought to you by Sanden. Our Optibelt belt program also expanded this year, with now over 2600 part numbers available, Adrad is certain to be able to supply you with a drive belt for any job! Adrad is also very proud to announce the extended 2 year warranty on all Koyoair condensers, the Koyoair product is world class due to its extensive R&D and quality control. Be certain to take

advantage of this new warranty period when servicing your customer. Another exciting release, the NOCO battery chargers and jump starters. Adrad is an official NOCO distributor with product available nationally. Established in 1914, NOCO designs and creates premium consumer battery chargers, jump starters, solar panels, and portable power devices as well as a wide range related battery products and accessories. Through these world class offerings, NOCO has effectively set the new standard in design, performance and safety and has introduced an entirely new generation of products. If you have any feedback or questions relating to our products, or if you are looking for a part that you can’t find, please contact our national customer service centre on 1800 882 043. Watch this space... many new exciting product releases & programs coming soon!




Fan Pack WINNERS



EFSPA17



EFSPA05



EFMAR04



TUNI544

VIC Melton Radiators

NSW Alexandria Radiators

WA Natrad Esperance

**QLD Coxons Group
Natrad Townsville**

Here is a list of winners of our Maradyne and SPAL Fan Pack promotion. Simply by buying any Maradyne or SPAL product, they were selected through random prize draws to win a Maradyne. and SPAL fan pack. These quality products are available to buy on RadShop.

Tech Tip - Courtesy of Sanden

Loss of Refrigerant Charge

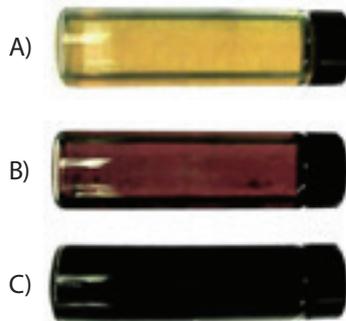
Refrigerant not only cools the vehicle interior but it also provides necessary cooling of the Compressor. As each gram of refrigerant is lost the Compressor runs hotter and hotter. The photos below are examples of how refrigerant loss / overheating effect the compressor.

A) Oil after extended use should be clear. In this particular example the compressor had 240,000 Kilometres when removed. As long as the system is operating normally, has a full refrigerant charge and is free of contamination, no oil degradation will occur.

B) This example is from a compressor exposed to either partial loss of charge or high discharge pressures. Once the cause of high temperature is corrected the compressor and system should function normally.

C) Black oil results from extreme compressor overheating from loss of refrigerant charge. Normally contamination in the form of metal bits will be found in black oil and it is critical that the system be flushed before installing the new compressor.

Without adequate refrigerant charge the internal components will actually melt.



Normal Centre Ball and Fixed Gear.



Centre Ball has melted and welded it's self to the fixed gear due to insufficient cooling through loss of refrigerant and/or

Noco Innovative Battery & Power Products



NOCO was founded in 1914 as a local tyre and battery distributor. Since then NOCO has grown into a leading designer and manufacturer of innovative consumer-based battery and power products.

Battery Chargers

Smart battery chargers designed to charge and maintain all battery sizes. Designed for ATVs, lawn mowers, motorcycles, cars, trucks, boats, RVs, tractors, equipment, and more.

Jump Starters

Safely jump start a dead battery in seconds. Designed for most vehicles including ATVs, lawn mowers, motorcycles, cars, trucks, boats, RVs, tractors, equipment, and more. The new, more powerful models are for diesel and high-displacement engines, but are still safe on engines of all sizes.

Products available:

Lithium Jump Starters

- GB20 Boost Sport 400A
- GB40 Boost Plus 1000A
- GB50 Boost XL1500A
- GB70 Boost HD 2000A
- GB150 Boost Pro 4000A
- GB500 Boost Max 20,000A

Battery Chargers

- G750 .75A
- G1100 1.1A
- G3500 3.5A
- G7200 7.2A
- G15000 15A
- G26000 26A

Accessories - For jump starters

- GBC001 HD Battery Clamps
- GBC002 Sport Battery Clamps
- XGC4 56W XGC Power Adapter
- GC001 Battery Clamp Connector
- GC002 Eyelet Terminal Connector
- GC003 12V Male Plug
- GC004 10' Extension Cable and more...

Latest Updates

New Condensers

BMW	1 Series E82/E87 116i, 118i, 120i '04-14, 3 Series E90 320i '05-12	Part No.	PBMW22	
HOLDEN	ASTRA BK Hatch BL Sedan (17-)	Part No.	CHOL62	
KIA	CARNIAL YP & YPII 3.3ltr (2/15-)	Part No.	CKIA40	
KIA	CERATO BD '6/18-	Part No.	CKIA42	
KIA	PICANTO 5 DOOR '17-	Part No.	CKIA41	
KIA	SORENTO UM 2.2ltr Turbo Diesel '17-	Part No.	CKIA39	
KIA	STINGER '17-	Part No.	CKIA18	
MITSUBISHI	PAJERO NS/NT/NW/NX '06-	Part No.	PMIT41	
SUBARU	FORESTER SERIES 3 '16-	Part No.	CSUB30	
SUBARU	WRX GK/VA '17-	Part No.	CSUB29	
TOYOTA	HILUX TGN '15-	Part No.	PTOY181	
VW	AMAROK (11/16-)	Part No.	CVWN21	
VW	GOLF V 7/04-7/06	Part No.	CVWN13	

New Industrial Condensers

CATERPILLAR	EXCAVATOR	Part No.	CCAT08	
DYNA / HINO	300 Series	Part No.	CTOY500	
DYNA / HINO	300/600 Series '11-	Part No.	CTOY501	
DYNA / HINO	300 Series XZU304, 306 307 308 '03-	Part No.	CTOY504	
DYNA / HINO	400 Series	Part No.	CTOY505	
DYNA / HINO	700 Series XZU700/710/720/730 '11-	Part No.	CTOY503	
DYNA / HINO	LY220& LY230 5ltr Diesel (3L) '01-05	Part No.	CTOY502	
HINO	700 '06-	Part No.	CHIN06	
HINO	FE/FF/GH/FD/FT3/GT/FD '06-	Part No.	CHIN07	
KOMATSU	EXCAVATOR PC200 (03-)	Part No.	CKOM02	
TOYOTA	COASTER BB4 / HZB50R	Part No.	CTOY506	

New Compressors

BMW	E82 1 Series '08-13 / E90-93 3 Series	Part No.	PBMW07	
DODGE, JEEP	NITRO '07-10, CHEROKEE KK '08-13, WRANGLER JK Petrol '08-18	Part No.	PJEE02	
JEEP	COMPASS 09-17	Part No.	PJEE03	
KENWORTH	LONG HAUL PV8 119mm 12v VOR SD7H15	Part No.	PSAN4069	
NISSAN	NAVARA D40 3.0ltr TD '11-15	Part No.	PNIS86	
TOYOTA	RAV4 ALA49R (2/13-2/19) Suits ALA49R 2.2l engine only	Part No.	PTOY141	
TOYOTA	YARIS (7/14-12/16) NCP130 NCP131	Part No.	PTOY115	
TOYOTA	LANDCRUISER 70 SERIES (90-07) HZJ75 & HZJ79	Part No.	BMTOY13	

New Blower Motor

TOYOTA	LANDCRUISER 70 SERIES VDJ76R VDJ78R & VDJ79R	Part No.	BMTOY14	
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New Cabin Air Filters

AUDI	Q5 8R '09-17 A5 8T '07-17 / A4 B8 '08-17	Part No.	FAAUD06	
PORSCHE, VW	CAYENNE 92A '10-18, TOUAREG 7P '10-19	Part No.	FAVWN10	

A/C Compressors fail when contaminated by debris in the A/C system

Extensive flushing of the A/C may not remove fine particles that contaminate an vehicle A/C system.



- ▶ Micro-ports in parallel flow condensers found in 8/10 vehicles are 1 mm wide or less & too small to be effectively flushed.
- ▶ The filter drier is exposed to debris and cannot be completely flushed.
- ▶ Fine debris lodged in an expansion device cannot be thoroughly flushed.

The solution:

Fit a full A/C Compressor Kit combined with a full system flush.

Benefits of using an Adrad A/C Compressor Kit:

- ▶ Extended full three year warranty - fewer claims
- ▶ Minimise risk of premature compressor failure due to recontamination
- ▶ Saves time trying to flush contaminated components
- ▶ Cost effective
- ▶ Buy everything you need for most vehicle applications in a single step.

Using an Adrad A/C Compressor Kit is the easiest, most reliable way to repair a contaminated A/C system.

Replace it Once

A/C Compressor Kits



NATIONWIDE
3 Year Warranty



“Fitting a compressor kit is the best way to go about the job. That’s why I use and install Adrad Compressor Kits.”

Terry Edgar

Kat's Automotive Services QLD

A/C Compressor Kits include all the parts needed to completely restore the vehicle air conditioning system back to new condition.

Available for more than 1,400 popular vehicle applications.

To Order Call **1800 882 043** or online

RadShop
Australia's coolest online shopping experience

Adrad Distribution Network

Adrad has a national distribution network of 22 warehouses, carrying an enormous range of radiator and air conditioning products, from component parts through to complete assemblies.

We've recently added a new Adrad branch in Wagga Wagga.

Adrad can supply parts fast anywhere in Australia, and provide prompt warranty support.



YOUR R134a SUPPLIER



BOC

AU02960

*Call Adrad today for the
Coolest Price on Refrigerant!*

- 11kg - 22kg - 65kg

Please remember to update us with your current RTA Number for ease of purchase.

RadShop
Australia's *coolest* online shopping experience

radshop.com.au

1800 882 043

R1234YF AVAILABLE

**4.5KG OPTEON YF HFO-1234YF
REFRIGERANT GAS**

**Call Us
For a Quote
Today**

Please remember to update us with your current RTA Number for ease of purchase.

RadShop
Australia's *coolest* online shopping experience

radshop.com.au
1800 882 043

ADAIR →
Auto Air Products



R1234YF-4.5KG