



# 2026 Catalogue



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# INSIDE

# AKER ADVANTAGE



At Aker Advantage, we believe great service starts with real people. As a family-owned business, we're committed to building lasting relationships and making your job easier.

We supply premium copper fittings for HVACR applications and deliver where you need them—job site or branch—on time, every time. When deadlines matter, we'll work with you to keep projects moving.

Expect quality products, clear communication, and a team that cares about your success. That's the Aker Advantage.





# COPPER FITTINGS

## TRUSTED QUALITY

At Aker Advantage, we don't just make fittings—we make your job easier. Every piece starts with exceptional copper, crafted for strength and precision so connections are smooth and secure. We test for burst pressure you can rely on, and we keep things simple: fittings that are easy to identify, packaged clean and ready to go. Because when you're on site, you deserve confidence in every connection.



# REFRIGERATION

## Applications:

- Commercial refrigeration (supermarkets, food retail, cold rooms)
- Industrial cooling (processing plants, cold storage, ice rinks)
- Medical and pharmaceutical refrigeration
- Beverage and dairy refrigeration systems



## Technical Specifications:

- Material: 99.9% pure copper (C12200)
- Compatibility: R-134A, R-404A, R-410A, R-32 and R-448A
- Pressure Rating: Rated to 70 bar (1015 psi) for smaller sizes
- Manufacturing Standards: AS/NZS 1200, AS/NZS 1571, AS/NZS 5149 and AS/NZS 4041
- Connection Types: Brazing fittings (flare and compression are not suitable)



# AIR- CONDITIONING



## Applications:

- Split and ducted air-conditioning systems
- VRF/VRV systems
- Packaged rooftop air-conditioners
- Industrial HVAC applications

## Technical Specifications:

- Material: 99.9% pure copper (C12200)
- Compatibility: R-32, R-410A and emerging low-GWP refrigerants
- Pressure Rating: Rated to 45 bar for HVAC applications
- Manufacturing Standards: AS/NZS 1200 and AS/NZS 1571
- Connection Types: Brazing fittings (flare and compression are not suitable)

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#### Applications:

- Supermarket refrigeration (CO<sub>2</sub> transcritical booster systems)
- Cold chain logistics and storage facilities
- Industrial refrigeration (meat processing, dairy, and breweries)
- Heat pump and water heating systems using R-744



#### Technical Specifications:

- Material: Copper-Iron alloy (CuFe2P)
- Compatibility: R-744 (CO<sub>2</sub>), including transcritical and subcritical applications
- Pressure Rating: Suitable for pressures rated to 130 bar (1885 psi)
- Manufacturing Standards: S/NZS 1200, AS 4041 and AS/NZS 5149.
- Connection Types: Brazing fittings (flare and compression are not suitable)

# TRANSCRITICAL (CO<sub>2</sub>)





# IT ALL STARTS HERE

We're here to make your job easier—whether it's a quick question or a rush order. Contact us today.

Call us: 1800 312 422

Email: [info@akeradvantage.com.au](mailto:info@akeradvantage.com.au)

Visit: [akeradvantage.com.au](http://akeradvantage.com.au)





# PROUDLY SUPPORTING AUSTRALIANS



Aker Advantage  
9-358 Nudgee Road, Hendra QLD 4011  
ABN: 82 678 768 977