



Arrowsmith & Grant

Refrigeration



*Specialist in Medical Refrigeration
manufactured in Australia by
Arrowsmith & Grant*



BLOOD HOLDING REFRIGERATORS



AG36 BP
Holds 36 blood packs

- DIMENSIONS
- Volume: 200 Litres
- Ext Depth: 730mm
- Ext Width: 550mm
- Ext Height: 1510mm



AG112 BP
Holds 112 blood packs

- DIMENSIONS
- Volume: 500 Litres
- Ext Depth: 810mm
- Ext Width: 800mm
- Ext Height: 2000mm



AG63 BP
Holds 63 blood packs

- DIMENSIONS
- Volume: 325 Litres
- Ext Depth: 810mm
- Ext Width: 650mm
- Ext Height: 1850mm



AG224 BP
Holds 224 blood packs

- DIMENSIONS
- Volume: 1050 Litres
- Ext Depth: 810mm
- Ext Width: 1470mm
- Ext Height: 2000mm



AG42 BPUB
Holds 42 blood packs

- DIMENSIONS
- Volume: 150 Litres
- Ext Depth: 780mm (inc door)
- Ext Width: 1290mm
- Ext Height: 860mm

AG308 BP (Also available 3 door)
Holds 308 blood packs

- DIMENSIONS
- Volume: 1300 Litres
- Ext Depth: 810mm
- Ext Width: 2065mm
- Ext Height: 2000mm

BLOOD HOLDING REFRIGERATORS operate on R507 refrigerant at 3.5°C and no higher than 5°C under heavy usage and defrost. Cooling evaporator is fan forced with off cycle defrost and electronic alarm control that has a visual display of temperature.

FRESH FROZEN PLASMA FREEZERS



AG44 FFPUB

Holds 44 FFP packs

▪ DIMENSIONS

- Volume: 150 Litres
- Ext Width: 1290mm
- Ext Depth: 780mm (inc door)
- Ext Height: 860mm



AG76 FFPCF

Holds 76 FFP packs

▪ DIMENSIONS

- Volume: 150 Litres
- Ext Width: 725mm
- Ext Depth: 780mm
- Ext Height: 1070mm



AG136 FFPUR

Holds 136 FFP packs

▪ DIMENSIONS

- Volume: 320 Litres
- Ext Width: 900mm
- Ext Depth: 805mm
- Ext Height: 2000mm



AG272 FFPUR

Holds 272 FFP packs

▪ DIMENSIONS

- Volume: 650 Litres
- Ext Width: 1630mm
- Ext Depth: 805mm
- Ext Height: 2000mm

FRESH FROZEN PLASMA (FFP) FREEZERS operate on R507 refrigerant to -35°C and no higher than -30°C under heavy usage and defrost. Cooling evaporator is fan forced with reverse cycle defrost (chest freezer is manual defrost).

REAGENT REFRIGERATORS



AGRE/1

▪ DIMENSIONS

- Volume: 450 Litres
- Ext Width: 700mm
- Ext Depth: 750mm
- Ext Height: 1950mm

AGRE/2 also available (2 door)

▪ DIMENSIONS

- Volume: 810 Litres
- Ext Width: 1200mm
- Ext Depth: 750mm
- Ext Height: 1950mm

AGRE/3 also available (3 door)

▪ DIMENSIONS

- Volume: 1300 Litres
- Ext Width: 1780mm
- Ext Depth: 750mm
- Ext Height: 1950mm

REAGENT REFRIGERATORS operate on R404A refrigerant at 4°C and no higher than 7°C under heavy usage and defrost.

RAPID PLATE FREEZERS



AGRPF 75

3 x Chambers = 75 x 330ml bags

▪ DIMENSIONS

- Volume: 5 bags (25 x 330ml)
- Ext Width: 2350mm
- Ext Depth: 1100mm
- Ext Height: 980mm

- OTHER PLATE FREEZER MODELS ARE AVAILABLE

SELF TESTING ALARM SYSTEM

Our new self testing alarm system consists of an easy to use touch screen panel. The touch screen panel can perform the following functions:

- Hi/low alarm test (low alarm not required for plasma freezers)
- Battery condition and remote alarm testing
- Chart recorder and alarm systems are synchronised when testing high and low set points
- Probe failure alarm
- Power fail alarm, Battery low alarm
- Decimal point temperature display

The main screen has both the alarm temperature and alarm set point(s) displayed. The alarm main screen flashes red and has an audio alarm which can be muted.



REFRIGERATION FEATURES

All our **BLOOD HOLDING REFRIGERATORS** and **FRESH FROZEN PLASMA FREEZERS** are/have:

- TGA conformity and are manufactured to Australian standard AS3864
- Self testing alarm system
- 7-day chart recorder with battery back-up
- Remote alarm contacts
- Super-flow cooling system (except AG76FFPCF)
- Automatic defrost
- 304 Stainless steel interior with Stainless steel chemical resistant exterior (excluding the AG76FFPCF) which has a white enamel exterior)
- Nylon non-marking castors with 'lock-in-place' brake
- Lockable exterior door with anti sweat heaters around the frame (upright blood fridges also have double glazed doors)
- Internal self-closing perspex doors (excluding AG42BPUB and AG76FFPCF)
- Food grade, poly coated fully adjustable shelving
- LED lighting (blood fridges only)

ADDITIONAL BLOOD REFRIGERATORS FEATURES

- Each shelf comes with easy to lift BLOOD HOLDING racks 7 segments deep (excluding the AG36BP which are only 6 segments deep)

ADDITIONAL FRESH FROZEN PLASMA FEATURES (except AG76FFPCF)

- Each door has four-tier shelving with liftout Plasma baskets and the first shelf is at a height of 600mm from ground level (except AG44FFPUB which has two-tier shelving)

ADDITIONAL FRESH FROZEN PLASMA CHEST FREEZER FEATURES

- Lift up lid with gas struts that support and hold lid in position for easy access
- Lift out baskets

Arrowsmith & Grant established in 1990, design, manufacture and service medical refrigeration cabinets, freezer and cool rooms using the latest technology available in refrigeration, fabrication and design.

The Arrowsmith & Grant medical range includes a large choice of blood holding refrigeration cabinets, -35°C plasma holding freezers, rapid plate freezers, -80° freezers, reagent/vaccine refrigerators, blood holding cool rooms and -40° freezer rooms. All equipment uses Arrowsmith & Grant's two stage technology for our low temperature refrigeration systems.

Arrowsmith & Grant products are designed and manufactured for Australian conditions to Australian Standard AS3864-1997 and AS ISO13485-2003 quality management systems for medical devices and our own strict criteria for medical refrigeration. Arrowsmith & Grant are a Quality Endorsed Company and comply with the requirements of AS/NZ ISO 9001:2009 for quality management systems and are also NATA accredited.

Our Blood Refrigerators and Plasma Freezers are Therapeutic Goods Administration (TGA) approved and have been included on the Australian Register of Therapeutic Goods (ARTG) under our client ID's of 169409 and 169410.



Arrowsmith & Grant

Refrigeration

**28 - 30 Marni Street, Dandenong South,
VIC 3175 Australia**

TEL: +61 (03) 9706 6655

FAX: +61 (03) 9706 6654

EMAIL: info@arrowsmithgrant.com.au

www.arrowsmithgrant.com.au

Arrowsmith & Grant provide a 24 hour 7 day after hours support service for all our products.