

## Profile of Inline-Brolga Pty. Ltd.

Brolga Pty Ltd is an Australian company based in Melbourne. Established in 1973 producing DX chillers. In 1988 the company acquired Inline Refrigeration products which specialised in building fresh water and sea water shell and tube condensers.

Brolga added other heat exchangers such as oil coolers, economisers, etc to its range.

The company is committed to supplying high quality products and to providing professional technical support to its clients.

Our heat exchangers have a wide variety of applications such as in the food processing industry, marine applications and heat recovery systems. The majority of equipment produced is for industrial refrigeration and air conditioning.

Brolga is involved in new technologies and research and supplies equipment using non ozone depleting refrigerants with emphasis on energy conservation and environmental issues.

Brolga supplies its heat exchangers to a wide range of major Australian and overseas commercial and industrial refrigeration companies.



**brolga** pty ltd

### Contact Us or Major Suppliers:

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**brolga** pty ltd

**Manufacturer of Shell and  
Tube D-X Chillers, Fresh  
Water and Marine Condensers  
and Heat Exchangers  
for other applications**



## CHILLERS

### 10 kW Cooling Capacity

The DCH series is a compact mechanically cleanable shell and tube DX chiller, purposely designed to meet the growing demand for chilled water in the refrigeration and air conditioning industry.

The water side of the chiller can pass quite large particles of matter without clogging, thus maintaining its efficiency, an important factor in the life of the chiller.

### APPLICATIONS

The chiller is used as a replacement for existing equipment or as a component of new refrigeration and air conditioning systems.

### GENERAL

DX chillers are unique in that the tube assembly has a "U"-shaped design which allows it to be easily removed for inspection, cleaning and maintenance.

In construction, they are manufactured from either copper or 316 stainless steel with galvanised shell.

### COMPLIANCE

The design, materials and assembly comply fully with the latest Australian Standards AS1210 and AS1677 for pressure vessels and are tested, inspected and stamped accordingly.

### DESIGN AND TEST PRESSURES

Water side:  
 Design ..... 1.90 MPa  
 Test ..... 2.85 MPa  
 Refrigerant side:  
 Design ..... 1.90 MPa  
 Test ..... 2.85 MPa  
 Specifications subject to change without notice.



## WATER COOLED CONDENSER

### 5 - 500 kW Heat Rejection Capacity

The RCC series is a compact mechanically cleanable shell and tube condenser, purposely designed to meet the growing demand for water cooled refrigeration and air conditioning systems.

The large ruggedly designed and constructed vessel is ideally suited for use as a condenser/muffler. Adequate storage and pump down capacity allows the condenser to be used as a liquid receiver for most standard applications.

High efficiency extruded copper tubing provides maximum heat transfer over the given length, resulting in low pressure drop.

### APPLICATIONS

Ideal as a replacement for existing equipment or as a component of new refrigeration and air conditioning systems.

### GENERAL

RCC model shell and tube condensers are mechanically cleanable with extruded tube construction.

### COMPLIANCE

The design, materials and assembly comply fully with the latest Australian Standards AS1210 and AS1677 for unfired pressure vessels and are tested, inspected and stamped accordingly.

### DESIGN AND TEST PRESSURES

Shell (refrigeration) side:  
 Design ..... 2.00 MPa  
 Test ..... 3.00 MPa  
 Tube (water) side:  
 Design ..... 0.69 MPa  
 Test ..... 1.38 MPa  
 Specifications subject to change without notice.



## SPECIAL HEAT EXCHANGERS

Inline-Brolga also designs and supplies a variety of special heat exchangers such as oil coolers, economisers and heat exchangers for special applications. These can be custom manufactured from a selection of materials to customer requirements.

## Packages:

### Capacity ranges 100-300 kW

Inline-Brolga also supplies packages of middle range capacity, consisting of D-X chiller, water cooled condenser and recommended frame mounted compressor. This package has limited piping and does not include any controls or electrical work.

## General Information:

- **Marine Condenser Sets**  
Marine condenser sets, capacity ranges up to 500 kW ( no controls ).
- **Re-Fitting**  
From tube replacement to complete rebuilding.
- **Spare Parts**  
We stock all water boxes, gaskets and tubes.
- **Technical Support**  
We can assist with selection, calculation and sizing.
- **Long Warranty**  
Fresh water DX chillers and condensers -5 years\*.  
Marine condensers -3 years\*.

\*Conditions apply

