



**YOUR TRUSTED PARTNER
FOR REFRIGERATION SOLUTION
FOR OVER
10 YEARS**

COLD ROOM | COLD STORAGE | FREEZER ROOM | BLAST FREEZER | PRE-COOLER | BLAST CHILLER & STORAGE RACK SOLUTIONS



About BLUE COLD

Good food must be fresh, nutritious & tasty. Blue Cold provides systems and solutions for preserving freshness of your food. We manufacture complete standard and customized refrigeration products and solutions that maintain food freshness for a longer period of time.

To maintain good food quality and preserve taste, quality & nutrition, you must process and preserve the food in the right environment & condition.

Blue Cold has more than 10 years of experience and 4 manufacturing plants that manufacture world-class refrigeration systems for cold room, cold storage, freezer room and blast freezers.

Blue Cold has completely integrated manufacturing of all systems with its own facility in Bangalore. And is ready to meet any of your requirements in food processing and preservation.



Blue Cold Advantage

Best solutions from technically knowledgeable and trained sales professionals.

Technical expertise from team of skilled professionals with unmatched experience.

Products and services are designed for tropical & hot climate

Proudly Made in India with grit.

Easy availability of spare parts

All products are equipped with CE marked / UL certified components only.

Bespoke software for product selection and heat load calculation. Guaranteed reliability of technical data

Customized products for specific customer's requirement.

Fully integrated manufacturing process under own manufacturing facility.

Trusted by customers for various Industries

Industry	Application	Temperature Range	Air Flow	Humidity
Ice Cream	Storage	(-)18 °C to (-)25 °C	Moderate	Normal
	Hardening	Upto -30 °C	High	
Meat & Chicken	Storage	(-)20 °C to (-)25 °C	Moderate	Normal
	Blast Freezing	Upto -35 °C	Very High	
Sea Food	Storage	(-)20 °C to (-)25 °C	Moderate	Normal
	Blast Freezing	Upto -40 °C	Very High	
Dairy	Storage	2 °C to 5 °C	Moderate	Normal
	Blast Chilling	Upto -5 °C	High	
Mushroom	Storage	15 °C to 18 °C	Moderate	High
Pharmaceutical	Storage	5 °C to (-)15 °C	Moderate	Normal
Fruits & Vegetables	Storage	2 °C to 8 °C	Moderate	Normal
Banana Ripening	Ripening	12 °C to 15 °C	High	Normal
Chocolate	Storage	10 °C to 14 °C	Moderate	Low
Flowers	Storage	2 °C to 5 °C	Low	High
Potato	Storage	2 °C to 4 °C	High	High
Chilly	Storage	8 °C to 10 °C	High	Normal
Multi Commodity	Storage	3 °C to 5 °C	Moderate	Normal
Curd	Storage	4 °C to 5 °C	Moderate	Normal
	Blast Chilling	upto 15 °C	Very High	
Frozen Food	Storage	(-)18 °C to (-)20 °C	Moderate	Normal
	Blast Freezing	upto (-)40 °C	Very High	
Eggs	Storage	3 °C to 5 °C	Moderate	Normal
Dry Fruits	Storage	3 °C to 8 °C	Moderate	Normal
Grapes	Storage	2 °C to 5 °C	Moderate	Normal
	Pre Cooling	upto (-)5 °C	Very High	

Blue Cold Selection Software



Blue Cold Heat Load Calculation App

Blue Cold App

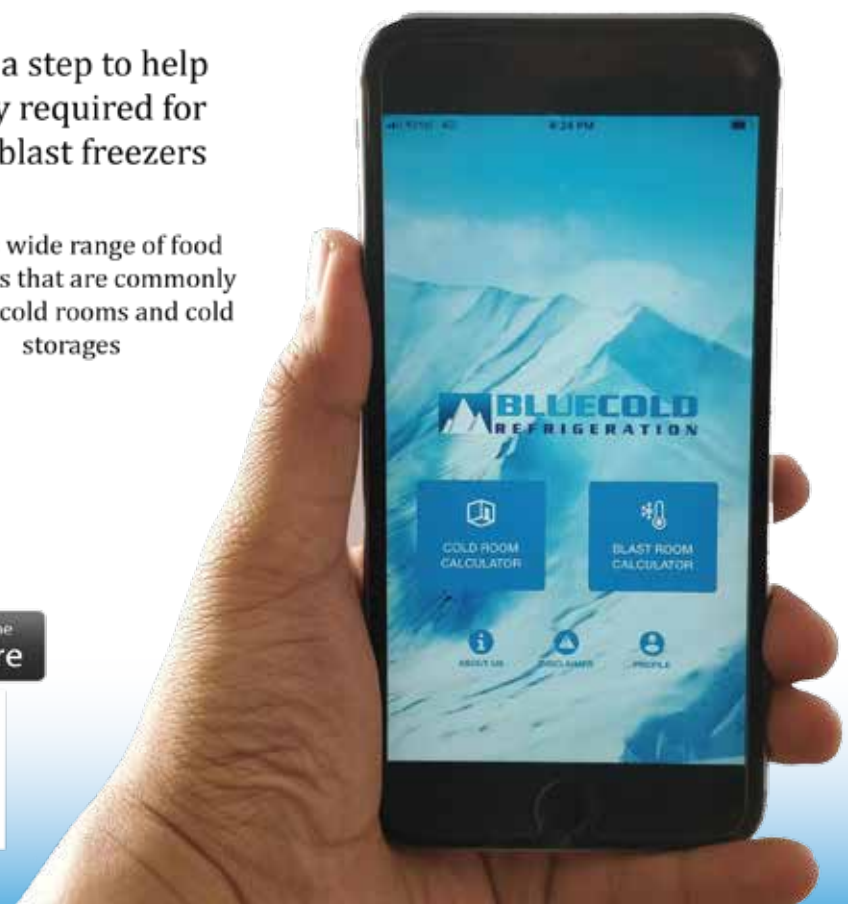
The 'Blue Cold' application is a step to help in calculating cooling capacity required for cold rooms, cold storage and blast freezers

Designed based on ASHRAE handbook & guidelines

Heat Load report contains breakup of product load, transmission load, infiltration load and internal load

Heat Load report can be shared directly from this app with your own letter head

Covers wide range of food products that are commonly used in cold rooms and cold storages



Certifications

ZERTIFIKAT • CERTIFICATE • 証書 • CERTIFICADO • CERTIFICAT



CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited

certifies that



BLUE COLD REFRIGERATION PVT. LTD.
HO/Unit -2: Plot No. 170A/170&171,
Bommasandra Industrial Area,
Hosur main Road, Bangalore - 560 099, INDIA

Including the sites and scope of application see enclosure

has implemented a Quality Management System
in accordance with **ISO 9001:2015**
For Scope of

**DESIGN, MANUFACTURE AND SUPPLY OF
HOT AND COLD REFRIGERATION SYSTEMS,
HEAT EXCHANGERS AND ITS COMPONENTS.**

The certificate is valid From **2019-06-06** until **2022-06-05**

Subject to successful completion of annual periodic audits

The present status of this Certificate can be obtained on www.tuv-sud.in

Further clarifications regarding the scope of this certificate may be obtained by consulting the certification body

Certificate Registration No. **99 100 19919**

Date of Initial certification : **2019-06-06**

(Signature)

Certification Body
of TÜV SÜD South Asia Private Limited, Mumbai
Member of TÜV SÜD Group
Page 1 of 2



TÜV SÜD South Asia Pvt. Ltd. • TÜV SÜD House • Saket Naka • Andheri (East) • Mumbai - 400072 • Maharashtra • India TÜV®



Statement of Confirmation

No.: CE19-20/022 R1

Client's reference - Technical File Number: BCRCE-01 Rev No : 0

Name & Address of the Manufacturer:
Blue Cold Refrigeration Private Limited
C-37, 1st main Road, 3rd cross,
Bommasandra Industrial Estate
Bangalore - 560099, Karnataka, India



Nomenclature : Condensing unit (water cooled & Air Cooled)
Model No : RL5WIC/BCA Series

Nomenclature : Evaporator/Unit cooler/Blast freezer (Freon, Ammonia & Brine)
Model No : SLCEZFZ/SHN/BLCA/SHNA Series

Review Results/Observations

The Technical File referenced above submitted by the manufacturer has been reviewed for its document contents.
The Technical File generally covers the documentation content requirements of the European Directives:

- EC Machinery Directive 2006/42/EC

Standards Referred to:

EN ISO 12100:2010 - Safety of machinery. General principles for design, Risk assessment and Risk reduction
EN 378-2:2016 - Refrigerating systems and heat pumps. Safety and environmental requirements. Design, construction, testing, marking and documentation

Document issued by the Manufacturer: Declaration of Incorporation

Date of Review: 11 December 2019

(Signature)

Mahesh Gaur
Head - Product Certification

(This Statement of Confirmation is valid under the conditions stated overleaf)

Registered & Head Office: 801, Rajajya Plaza I, LBS Marg, Chhatrapati (W), Mumbai 400 088 | Email: info@tuv-india.com Tel: +91-22-66477000
Website: www.tuv-india.com Toll Free Number: 1800-209-0002

JAB no: 8118800288



Statement of Confirmation

No.: CE19-20/107

Client's reference - Technical File Number: BCRCE-02 Rev: 00

Name & Address of the Manufacturer:
BLUE COLD REFRIGERATION PVT. LTD.
C-37, 1st Stage, Bommasandra Industrial Estate,
Bangalore - 560 099



Product Nomenclature: Bluecold Control System for Refrigeration System

Model No.: BCS Series

Review Results/Observations

The Technical File referenced above submitted by the manufacturer has been reviewed for its document contents.
The Technical File generally covers the documentation content requirements of the European Directives:

- Low Voltage Directive 2014/35/EU

Standards applied to: EN 60204-1:2018

Document issued by the Manufacturer: EU Declaration of Conformity

Marking on the Product: **CE**

Date of Review: 20 March 2020

(Signature)

Mahesh Gaur
Head - Product Certification

(This Statement of Confirmation is valid under the conditions stated overleaf)

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JAB no: 8117986324



Statement of Confirmation

No.: CE19-20/106

Client's reference - Technical File Number: BCRCE-02 Rev: 00

Name & Address of the Manufacturer:
BLUE COLD REFRIGERATION PVT. LTD.
C-37, 1st Stage, Bommasandra Industrial Estate,
Bangalore - 560 099



Product Nomenclature: Bluecold Monoblock Refrigeration System

Model No.: BMS Series

Review Results/Observations

The Technical File referenced above submitted by the manufacturer has been reviewed for its document contents.
The Technical File generally covers the documentation content requirements of the European Directives:

- Machinery Directive 2006/42/EC
- Low Voltage Directive 2014/35/EU

Standards applied to: EN ISO 12100:2010, EN 378-2:2016, EN 60204-1:2018

Document issued by the Manufacturer: EC Declaration of Conformity

Marking on the Product: **CE**

Date of Review: 20 March 2020

(Signature)

Mahesh Gaur
Head - Product Certification

(This Statement of Confirmation is valid under the conditions stated overleaf)

Registered & Head Office: 801, Rajajya Plaza I, LBS Marg, Chhatrapati (W), Mumbai 400 088 | Email: info@tuv-india.com Tel: +91-22-66477000
Website: www.tuv-india.com Toll Free Number: 1800-209-0002

JAB no: 8117986324

Condensing Units

Blue Cold's Outdoor Units has been designed for installation in small, medium & large cold room or cold warehousing facilities.

These machines have the advantage of space saving, low maintenance cost and reduces energy consumption as well.



Air Cooled Condensing Unit



Water Cooled Condensing Unit



Rack Refrigeration System



Screw Refrigeration System



BCA Series Condensing Unit



Canopy Type Condensing Unit

Freon Cold Room and Freezer Room Evaporator

- Collared fan outlet for wide air throw
- SS material ceiling mounting clamps for easy installation
- Side cover with hinges for easy servicing
- Double drip tray with edges inclined at 30° angle



Aluminium / GI Powder Coated Body



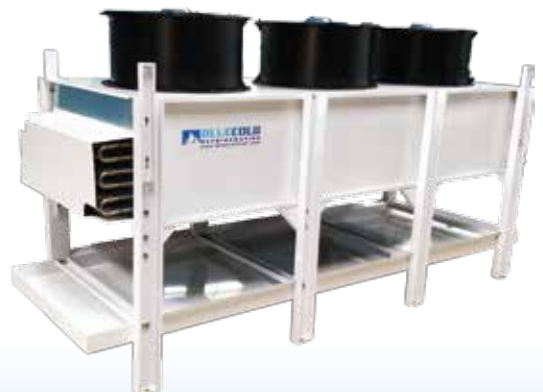
SS 304 Body

Ammonia Cold Storage Unit Cooler

- Collared fan outlet and tube axial fans for wide air throw
- Side cover with hinges for easy servicing
- Double drip tray with edges inclined at 30° angle
- SS 304L tubes better heat transfer
- Working condition temperature from 10 °C to -45 °C
- Defrosting option between electric, water or hotgas



Ceiling Mounted Unit Cooler



Down Throw Type Unit Cooler

Blast Freezer / Chiller

- Ceiling & Floor mounted blast freezers & chillers
- Available for Freon & Ammonia options
- Fans with high static pressure and high air volume
- Blow through fans ensures uniform air distribution over the cooled or frozen goods
- Models available with 1 Fan to 8 Fans
- High efficiency due to optimal airflow routing
- Excellent reliability due to optimized design
- SS 304L tubes for Ammonia
- AlMg powder coated, GI powder coated & SS 304 casing for rust free operation
- Temp ranging from -5°C (Blast Chiller) to -45°C (Blast Freezer)



Ceiling Mounted Unit



Angular Shaped Unit



Floor Mounted Unit



V-Type Floor Mounted Unit

Slim Line Dual Discharge

- Corrugated fin structure
- Even air distribution from both the sides
- SS material ceiling mounted clamps for easy installation
- SS 304L tubes for ammonia & copper tubes for freon
- Easy to inspect and clean as hinged tray, heating sheet and drain line does not have to be dismantled
- ALMg powder coated, GI powder coated & SS 304 casing for rust free operation



Ammonia Dual Discharge Evaporator



Freon Dual Discharge Evaporator

Plug & Cool Monoblock System

- Temperature range 5 °C to -25 °C
- Application: Vegetables, Dairy, Meat, Sea Food, Pharma
- Installation time: within 5 hours
- Completely pressure tested (not just factory assembled)
- Room size: 7 cu.m. to 50 cu.m.



Cold Room Control System

- Defrosting: Air, Water & Electrical
- Main incoming switch
- Controlled circuit
- Power supply safety protection
- Motor protection fans & contactors for compressors
- Overload protection for compressor
- Oil differential pressure control
- Refrigerant HP/LP control



Shelving Racks for Cold Room & Freezer Room

- Adjustable heights
- Easy to install
- Temperature range: 40 °C to -45 °C
- Life-long rust proof body
- Uniform air circulation
- Customized designs





Client Speak



For over 5 years we have been dealing with BLUECOLD, and they've established themselves as a reliable supplier for condensing and air-cooled units.



Cold Wave Solution Pvt. Ltd.
Delhi (DL)



We are happy to partner with BLUECOLD for our high efficiency condensing units, designed for Indian tropical condition in the North Indian market and high air flow evaporators and blast freezers for cold room and cold storage requirements. Their Sales Team is highly proficient in providing right technical solutions.



Goodrich Carbohydrates Ltd.
Karnal (HR)



We recently installed a Blast Freezer for our sea food processing plant. BLUECOLD supported us in the entire process of refrigeration load requirement, selection of right machinery, customizations of equipment and coordination with our installation team.



Arabian Food Exports
Veraval (GJ)



The key to successful implementation of a new 5,000 MT cold storage project is the ability to understand processes, select good supplier of machinery and a good installation team. With the help of BLUECOLD we achieved it and recently completed our new cold storage project with world-class equipment at a good price.



Shyam Cold Storage
Himmat Nagar (GJ)

Blue Cold Installation

Cold Storages



Dairy



Ice Cream



Sea Food



Blue Cold Installed Units



Shyam Cold Storage, Himmat Nagar (GJ)

- Product: Ammonia Product Cooler
- Application: Potato Cold Storage
- Capacity: 5,000 MT



Cacobean, Cochin (KL)

- Product: Freon Unit Cooler
- Application: Chocolate storage
- Capacity: 500 MT



Shimla Cold Storage, Indore (MP)

- Product: Ammonia Product Cooler
- Application: Potato Cold Storage
- Capacity: 5,000 MT



PDDP, Cochin (KL)

- Product: Condensing Unit
- Application: Ice cream storage
- Capacity: 100 MT



Arabian Sea Foods, Veraval (GJ)

- Product: Angular Shaped Ceiling Mounted Blast Freezer
- Application: Sea Food Blast Freezer
- Capacity: 6 Ton in 8 Hours



Parekh Integrated Logistics (PB)

- Product: Condensing Unit
- Application: Multi Chamber Cold Warehousing Facility
- Cooling Capacity: 200 kW



Butter Blast Freezer (MH)

- Product: Ceiling Mounted Blast Freezer
- Application: Butter Blast Freezer
- Capacity: 2 Ton in 8 Hours



Bhagyodaya Cold Storage, Raichur (KA)

- Product: Down Throw Ammonia Product Cooler
- Application: Chilly Cold Storage
- Capacity: 5,000 MT

Blue Cold Infrastructure



Manufacturing Unit 1



Manufacturing Unit 2



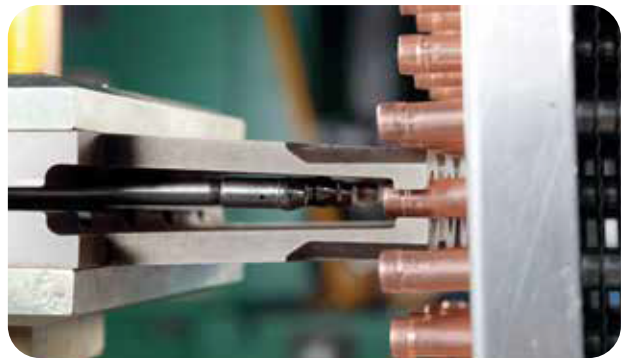
Manufacturing Unit 3



Fin Press



Automatic Tube Cutting



Bullet Expansion



Brazing



Robotic Welding

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