



Cold Room
Control System



Freon Unit
Cooler



Ammonia Product
Cooler



Blast Freezer &
Chiller



Water Cooled
Condensing Unit



Air Cooled
Condensing Unit



Condensing Unit - Scroll



Slim Line
Dual Discharge

**YOUR TRUSTED PARTNER FOR
REFRIGERATION SYSTEMS / HEAT EXCHANGERS
FOR OVER 15 YEARS**

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Blue Cold Refrigeration is a Trusted Manufacturer of Advanced Refrigeration Systems and Heat Exchangers, Delivering Energy-Efficient and Reliable Solutions for Cold Rooms, Cold Storage, Blast Freezers, Blast Chillers, and Ca Chambers.

Designed for Tough Climatic Conditions, Our Systems Ensure Freshness and Quality Across Food, Dairy, Seafood, Fruits, Vegetables, and Frozen Food Industries.

Focused on Manufacturing Systems for Tropical Indian Ambient and High-Ambient Environmental Conditions.



ADVANTAGES



Expert Sales
Team



Skilled Engineering
Team



Built for
Higher Ambient



In-House
Manufacturing



Smart Design



Customized
Solutions



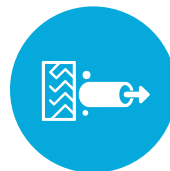
Precision
Tube Cutting



Pressure Tested
Coils



Certified
Components

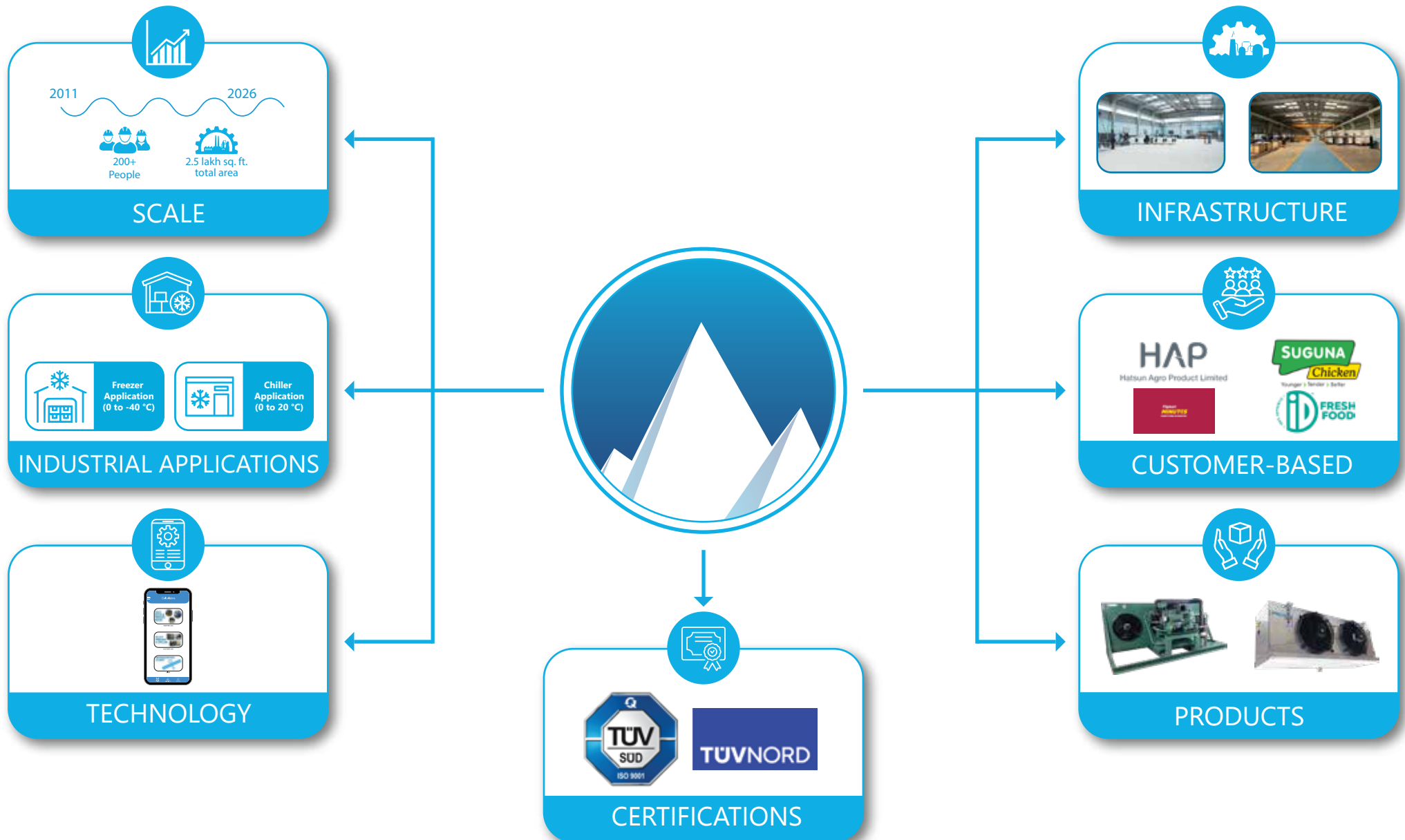


Strong Tube
Bonding



Advanced
Technology

HIGHLIGHTS





FOOD PRODUCT APPLICATIONS



Cold rooms are widely used in different food industries to store temperature-sensitive products. They help maintain quality, and extend shelf life by providing a controlled low-temperature environment.



Sea Food &
Fish Freezer Room
& Blast Freezer



Meat & Poultry
Freezer Room &
Blast Freezer



Dairy Products
Cold Room



Curd Blast Chiller
& Incubation Room



Cold Chain
Logistics



Potato Cold
Storage



Ice Cream
Freezer Room &
Hardening Chamber



Frozen Food
Freezer Room &
Blast Freezer



Multi Commodity
Cold Storage



Fruits & Vegetables
Cold Room



Apple CA
Chamber



Mushroom Growing
Chamber

BLUE COLD HEAT LOAD CALCULATION APP



The Blue Cold Heat Load Calculation App ensures accurate system sizing through precise load analysis, delivering optimal performance and energy efficiency.



Blue Cold Refrigeration follows international quality and safety standards, using certified components to ensure reliable, compliant, and safe refrigeration solutions.



ISO 9001 : 2015 Certified
Design & Manufacturing

CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited
certifies that



BLUE COLD REFRIGERATION PVT LTD
Plot No. 170A/170&171, Bommasandra Industrial Area
Bangalore - 560099, Karnataka, India

including the sites and scope of application see enclosure

has implemented Quality Management System
in accordance with **ISO 9001:2015**
for the scope of

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

The certificate is valid from **2023-12-20** until **2026-12-19**

Subject to successful completion of annual periodic audits
The present status of this certificate can be obtained through TÜV SÜD website by scanning below QR code and by
entering the certificate number (without spaces) on web page. Further clarifications regarding the status & scope of
this certificate may be obtained by consulting the certification body at info.in@tuv-sud.com

Certificate Registration No. **99 100 23642**

Date of Initial certification: **2023-12-20**

Issue Date: **2023-12-20** Rev. 00




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



CERTIFIED

Pressure Equipment Directive 2014/68/EU

TÜVNORD

Certificate

Internal production control plus supervised pressure equipment checks at random
intervals - module A2 - according to directive 2014/68/EU

Certificate No.: 0045/202/9070/Z/00573/24/D/001(00)

Name And address of manufacturer **M/s Blue Cold Refrigeration Pvt Ltd.,
C-37, 1st Main, 3rd Cross Rd,
Bommasandra Industrial Area,
Bommasandra, Karnataka - 560 099,
INDIA**

After having examined the preconditions, the manufacturer is entitled to mark the pressure equipment
produced within the range of the ambit of the module with the following mark:

CE 0045

Test report No.: **0045/202/9070/P/00573/24/D/001(00)**

Description of pressure equipment: **Heat Exchanger Evaporator,
(Up to Category II)
(See annex to detail certification scope)**

Place of manufacturer: **M/s Blue Cold Refrigeration Pvt Ltd.,
C-37, 1st Main, 3rd Cross Rd,
Bommasandra Industrial Area,
Bommasandra, Karnataka - 560 099,
INDIA**

This certificate is only valid in connection with the annual report of the supervised pressure equipment
checks.

Contact:
T +49 (0) 40 8557 - 2095
E PED-Certification@tuv-nord.de



Notified body for pressure equipment

Attachment:
Table with Technical
delimitation

TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg

To verify the validity of the digital signature the installation of the TÜV NORD GROUP root certificate is required.

TÜV®
All supervised checks using digital Rev 6 / 03.23

TÜVNORDGROUP

CONDENSING UNITS



Compact design combined with high efficiency and dependable performance.
A trusted cooling solution for modern refrigeration needs.



Air Cooled Condensing Unit



Water Cooled Condensing Unit

FEATURES



Single Stage or
Two Stage Reciprocating
& Scroll Compressor



CNC Machined
Copper Piping



Designed for Tropicalized
& High Ambient



Branded &
Tested Components



Multiple Installations
Across India



Scroll Condensing Unit



Condensing Unit with Canopy

RACK REFRIGERATION SYSTEM



Rack Refrigeration Systems provide powerful, flexible, energy-efficient cooling for large-scale refrigeration applications.



FEATURES



Raised Compressor
Mounts for
Easy Service Access



Reliable & Branded
Components



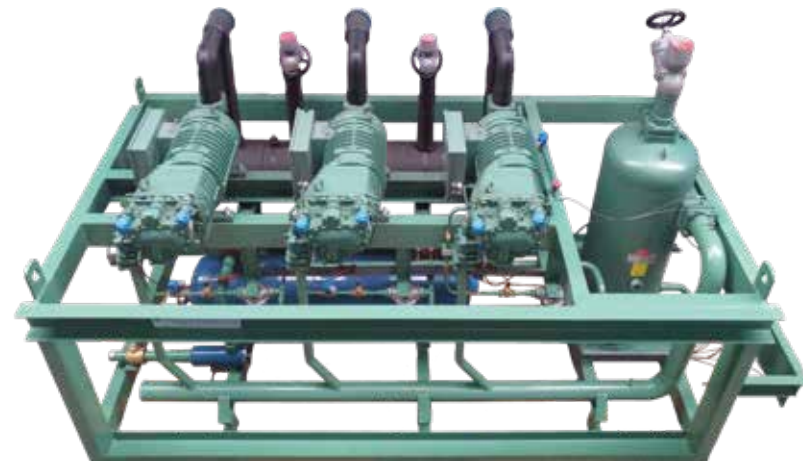
Individual
Oil Return Valve



Individual Electronic Oil
Management System



Multiple Installations
Across India



SCREW REFRIGERATION SYSTEM



Screw Refrigeration Systems provide powerful, flexible, energy-efficient cooling for large-scale refrigeration applications.



FEATURES



Motor Protection Device
SE-i1 Full Sensor Kit



Branded &
Tested Components



Machined Frame Made of
Welded C Steel Profile



Individual Electronic Oil
Management System



Multiple Installations
Across India

FREON COLD ROOM EVAPORATOR



Engineered for precision cooling, Freon Cold Room Evaporators deliver consistent performance, energy efficiency, and long-lasting reliability.



GI Powder Coated



SS Casing

FEATURES



Multiple Defrost Options



Powder Coated Casing



Cooling Range Up to 250 kW



Branded Fans



High Degree of Customization Available

FREON UNITS - SS 304 TUBES



Designed & Manufactured for Corrosive Indoor Environment Conditions. Blue Cold Freon Evaporators are manufactured with SS 304 Tubes and SS 304 Distributors for enhanced durability and corrosion resistance.



FEATURES



Stainless Steel
304L Tubes



Powder Coated
Casing



Cooling Range
Up to 250 kW



Branded Fans



High Degree of
Customization Available

AMMONIA COLD STORAGE PRODUCT COOLER



Built for heavy-duty cold storage, Ammonia Product Coolers deliver powerful cooling, energy efficiency, and dependable performance.



FEATURES



Stainless Steel
304L Tubes



Medium, Low &
Ultra Low Temperature



Multiple Defrost Options
From Electric,
Water & Hot Gas



Tube Axial Fans For
Suitable Air Flow



High Degree of
Customization Available

BLAST FREEZER AND BLAST CHILLER



Blast Freezers and Blast Chillers provide high air velocity and precise temperature control for quick chilling and freezing with maximum efficiency.



Ceiling Mounted Unit



V Type Floor Mounted Unit



Floor Mounted Unit



Angled Ceiling Mounted Unit

FEATURES



Freon & Ammonia
Refrigerant



High Static Pressure
Air Throw



Sine Wave Fin Design



Multiple Options
For Defrosting



High Degree of
Customization Available

SLIM LINE DUAL DISCHARGE



Blue Cold Slim Line Dual Discharge offers powerful cooling in a slim, space-saving design with balanced dual airflow for uniform temperature control.



FEATURES



Dual-side air throw



Ammonia & Freon
Refrigeration System



Branded Fans



High Degree of
Customization Available



EVAPORATIVE CONDENSER



Engineered for efficiency, Blue Cold Evaporative Condensers deliver powerful heat rejection with reduced operating costs and long service life.



FEATURES



High Internal Heat
Transfer Coil Design



Uniform Water
Distribution System



Compact Design &
Easy Maintenance



Nominal Capacity:
400–1,000 kW



AIR COOLED CONDENSER



Blue Cold Air Cooled Condensers use optimized coil design and high-efficiency fans to ensure effective condensation and stable system performance.



FEATURES



G.I. Powder
Coated Body



Options with Multiple
Cooling Media



High Degree of
Customization Available



Proven &
Tested Product



Blue Cold IQF Coils feature optimized fin and tube design to support high airflow, quick heat removal, and efficient individual quick freezing.



FEATURES



High-Capacity Range
(280 – 1,000 kW)



Staggered Fin Space
Up to 12mm /
24mm / 48mm Available



Custom-Engineered
Design



Rapid Freezing For
Quality Retention



High Degree of
Customization Available

RADIATOR / DRY COOLER / AIR COOLED CONDENSER



Engineered with optimized coil design and high-efficiency fans, these units provide effective heat dissipation and consistent system efficiency.



FEATURES



GI Powder-Coated
Body



Options with Multiple
Cooling Media



High Degree of
Customization Available

CONTROL PANEL

Equipped with advanced controls and safety interlocks, Blue Cold Control Panels enable accurate system regulation and protection.



FEATURES



Power Supply
Protection



Overload Protection



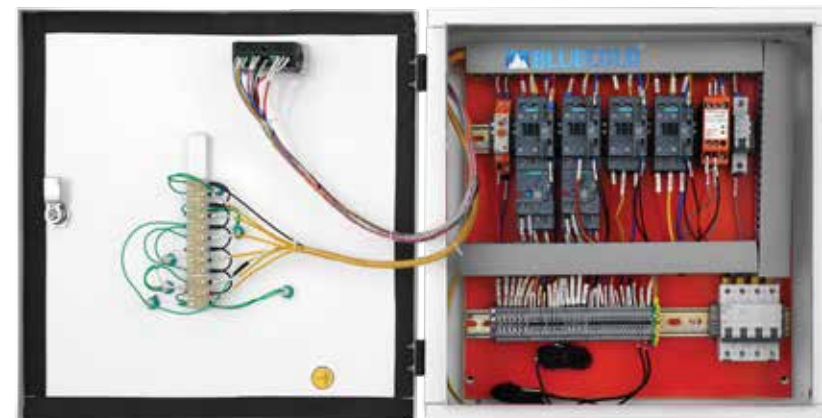
HP/LP Protection



Oil Pressure
Protection



CE Certified



SHELL & TUBE CONDENSER



Built for durability and efficiency, Blue Cold Shell & Tube Condensers deliver dependable condensation under demanding operating conditions.



FEATURES



Available in Multiple
Circuit



Condensing Capacity:
3 to 900 kW



Custom Lengths &
MOC Options



Supports HCFC &
HFC Refrigerants



Multiple Installations
Across India

OUR ESTEEMED CUSTOMERS





Blast Freezer for Sea Food & Fish



Dairy Cold Room



Logistics Cold Room



Ice Cream Freezer Room









Manufacturing Unit 1



Manufacturing Unit 2 & 4



Manufacturing Unit 3



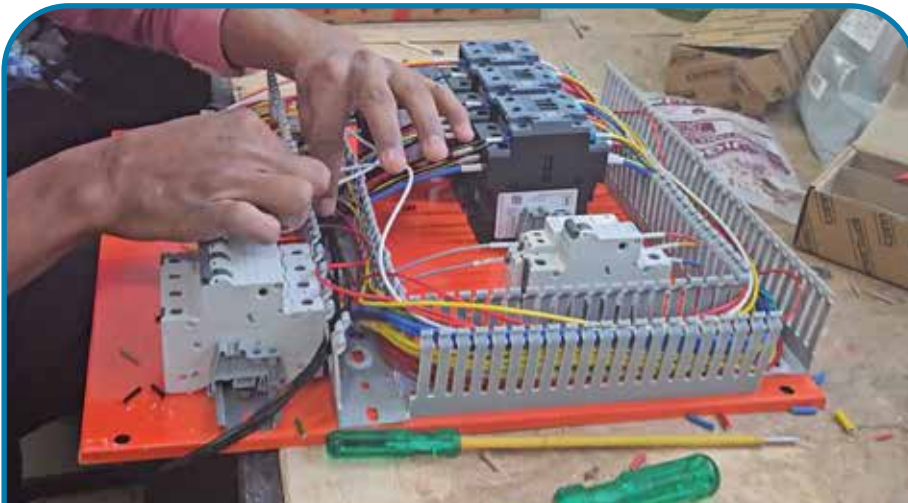
Manufacturing Unit 5



Condensing Unit (Bitzer)



Condensing Unit (Scroll)



Control Panel



Sheet Metal Processing



Powder Coating



Fin Press



Brazing



Welding



BLUECOLD[®]

Main Office

Blue Cold Refrigeration Pvt. Ltd., C-37, 1st Main,
3rd Cross, Bommasandra Industrial Area,
Hosur Main Road, Bangalore (KA) 560 099.

Mobile: +91 96321 05577 / 93419 80404

sales@bluecoldref.com

Visit Our Website:



www.bluecoldref.com