



BLUEBIRD COOLING SOLUTION



**CATALOG
2024-25**

COMPLETE CHILLER SOLUTIONS
SERVICE • MAINTENANCE • REPAIR • PARTS • RETROFIT

— ONE STOP SOLUTION FOR ALL YOUR CHILLER NEEDS —

OUR SERVICES

1 CHILLERS SERVICE & MAINTENANCE



Preventive Maintenance
Breakdown Service
Performance Optimization



2 HVAC TOOLS & EQUIPMENT & PARTS SUPPLY



Wide Range of Tools
Genuine Parts Supply
Quality Equipment



3 DIAGNOSTICS & TESTING SERVICES



Eddy Current Test
Thermography
Water Flow Measurement



4 CHILLER CONTROLLER RETROFIT & REPLACEMENT



MCS, Carel & Other
Controllers Retrofit
Improve Efficiency &
Reliability



5 COOLING TOWER, FCU, FAHU & AHU MAINTENANCE



Cooling Tower Repairing
FCU & FAHU Service
AHU Maintenance



6 COMPRESSOR OVERHAULING WORK



Screw, Centrifugal &
Reciprocating
All Major Brands
Overhauling



7 CONDENSER COIL REPLACEMENT & EDDY CURRENT TEST



Eddy Current Testing
Leak Detection
Condenser Coil
Replacement



8 EVAPORATOR TUBE REPLACEMENT & EDDY CURRENT TEST



Eddy Current Testing
Leak Detection
Evaporator Tube
Replacement



9 GENUINE PARTS SUPPLY



Genuine & OEM Parts
All Major Brands
Ready Stock &
Fast Delivery



10 AMC & ANNUAL MAINTENANCE CONTRACT



Customized AMC Plans
Cost Effective
Priority Support



WHY CHOOSE BLUEBIRD COOLING SOLUTION?



EXPERT & EXPERIENCED
TECHNICIANS



RELIABLE &
QUALITY SERVICE



GENUINE PARTS
& MATERIALS



IMPROVED EFFICIENCY
& PERFORMANCE



COST EFFECTIVE
SOLUTIONS



ON-TIME SERVICE
& SUPPORT

WE SERVICE & SUPPLY GENUINE PARTS FROM TRUSTED BRANDS



AND OTHERS...



E-mail : bluebirdcool.hvac@gmail.com



WhatsApp-91-9321241700



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104 C wing- Vinay Unique Garden-Global city
virar west - Mumbai MH



EXPERT TECHNICIANS



ADVANCED EQUIPMENT



RELIABLE RESULTS



COMPLETE SOLUTIONS



BLUEBIRD COOLING SOLUTION



CHILLERS SERVICE & MAINTENANCE

EXPERT SERVICE • MAXIMUM PERFORMANCE • MINIMUM DOWNTIME



PREVENTIVE
MAINTENANCE



COMPRESSOR
SERVICING



HEAT EXCHANGER
CLEANING



ELECTRICAL
CHECK & REPAIR

OUR CHILLER SERVICES

- ✓ Routine Maintenance
- ✓ Compressor Overhaul
- ✓ Leak Detection & Repair
- ✓ Cooling Performance Optimization
- ✓ Electrical System Inspection
- ✓ Heat Exchanger Cleaning
- ✓ Control System Troubleshooting
- ✓ Emergency Breakdown Support



KEEP YOUR CHILLER
RUNNING EFFICIENTLY
ALL YEAR ROUND

WE SERVICE ALL MAJOR CHILLER BRANDS



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SKILLED TECHNICIANS



GENUINE PARTS



RELIABLE SERVICE



BLUEBIRD COOLING SOLUTION



HVAC TOOLS & EQUIPMENT & PARTS SUPPLY

PREMIUM QUALITY • RELIABLE PERFORMANCE • COMPLETE SOLUTIONS

MEASURING INSTRUMENTS

REFRIGERATION TOOLS

HVAC SERVICE TOOLS

WELDING & BRAZING EQUIPMENT

VACUUM & CHARGING EQUIPMENT

POWER TOOLS

DUCT & SHEET METAL TOOLS

HVAC SPARE PARTS

| | | | | |
|---|---|--|---|---|
|  PREMIUM QUALITY PRODUCTS |  RELIABLE PERFORMANCE |  WIDE RANGE OF TOOLS & PARTS |  READY STOCK & FAST DELIVERY |  EXPERT SUPPORT & AFTER SALES SERVICE |
|---|---|--|---|---|

WE SUPPLY PRODUCTS FROM TRUSTED GLOBAL BRANDS



AND MANY MORE...



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QUALITY TOOLS



GENUINE PARTS



EXPERT SERVICE



COMPLETE SOLUTIONS



BLUEBIRD COOLING SOLUTION



ADVANCED DIAGNOSTICS FOR OPTIMUM CHILLER PERFORMANCE

ACCURATE TESTING • PRECISE ANALYSIS • RELIABLE SOLUTIONS

EDDY CURRENT TEST OF CHILLER



Non-destructive testing to detect tube defects such as pitting, cracking, corrosion & erosion.

- ✓ Detailed Tube Integrity Analysis
- ✓ Early Detection of Failures
- ✓ Extend Chiller Life
- ✓ Minimize Breakdown & Downtime

THERMOGRAPHY OF CHILLER SYSTEM



Infrared thermal imaging to identify hot spots, electrical issues & insulation problems.

- ✓ Identify Overheating Components
- ✓ Electrical Panel Inspection
- ✓ Improve Safety & Reliability
- ✓ Prevent Costly Breakdowns

WATER FLOW MEASUREMENT



Accurate water flow measurement to ensure optimal chiller efficiency and system balance.

- ✓ Verify Actual Water Flow
- ✓ Optimize Chiller Performance
- ✓ Detect Flow Imbalance
- ✓ Energy Savings & Efficiency



ACCURATE
DIAGNOSIS



DETAILED
REPORTS



PREVENTIVE
MAINTENANCE



IMPROVED
EFFICIENCY



REDUCED DOWNTIME
& OPERATING COST

SUITABLE FOR ALL TYPES OF CHILLERS



AND
MORE...



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ADVANCED EQUIPMENT



RELIABLE RESULTS



COMPLETE SOLUTIONS



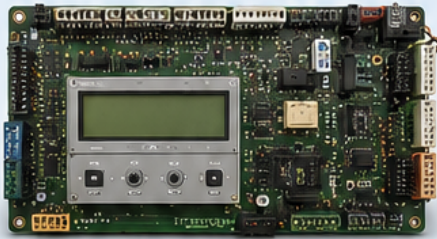
BLUEBIRD COOLING SOLUTION



CHILLERS CONTROLLER RETROFIT & REPLACEMENT

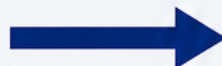
UPGRADE PERFORMANCE • ENHANCE RELIABILITY • EXTEND CHILLER LIFE

OLD & OBSOLETE CONTROLLERS?



- ⊗ Frequent Breakdowns
- ⊗ Lack of Spare Parts
- ⊗ Poor Efficiency
- ⊗ High Maintenance Cost

UPGRADE TO MODERN SOLUTIONS



- ✓ Improved Efficiency
- ✓ Enhanced Reliability
- ✓ Advanced Control
- ✓ Easy Integration
- ✓ Lower Maintenance Cost

SMARTER • RELIABLE • FUTURE READY



Advanced Control • Better Monitoring • Maximum Performance

WE RETROFIT & SUPPLY CONTROLLERS FOR ALL MAJOR CHILLER BRANDS

MCS CONTROLLERS



- ✓ MCS-MAGNUM
- ✓ MCS-2990
- ✓ MCS-8X00 Series
- ✓ MCS-iCM6200
- ✓ MCS-Touch Panels



CAREL CONTROLLERS



- ✓ pCO Series
- ✓ pRack Series
- ✓ PlantVisorPRO
- ✓ c.pCOmini
- ✓ IR33 / IR33+



OTHER CONTROLLERS



- ✓ Danfoss MCX
- ✓ Johnson Controls
- ✓ Honeywell
- ✓ Trane Adaptive Control
- ✓ And Many More...

OUR RETROFIT SOLUTION INCLUDES



SITE SURVEY &
REQUIREMENT ANALYSIS



CONTROLLER SELECTION
& ENGINEERING



REMOVAL OF OLD
CONTROLLER



SUPPLY & INSTALLATION
OF NEW CONTROLLER



TESTING, COMMISSIONING
& TRAINING

COMPATIBLE WITH ALL MAJOR CHILLER BRANDS



AND MORE...



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GENUINE PRODUCTS



RELIABLE PERFORMANCE



COMPLETE SOLUTIONS



BLUEBIRD COOLING SOLUTION



COOLING TOWER REPAIRING & MAINTENANCE FCU & FAHU • AHU MAINTENANCE

EXPERT SERVICE • RELIABLE PERFORMANCE • EXTENDED EQUIPMENT LIFE

COOLING TOWER REPAIRING & MAINTENANCE WORK



- ✓ Inspection & Condition Assessment
- ✓ Basin Cleaning & Water Treatment
- ✓ Fill Media Cleaning / Replacement
- ✓ Fan Motor & Gearbox Service
- ✓ Nozzle & Spray System Cleaning
- ✓ Drift Eliminator Cleaning / Replacement
- ✓ Leak Repairing & Structural Work
- ✓ Performance Optimization



FAN & GEARBOX SERVICE



FILL MEDIA CLEANING



NOZZLE & BASIN CLEANING



DRIFT ELIMINATOR SERVICE

FCU & FAHU MAINTENANCE WORK



- ✓ Coil Cleaning
- ✓ Filter Cleaning / Replacement
- ✓ Fan & Motor Inspection
- ✓ Drain Pan Cleaning
- ✓ Electrical & Control Check
- ✓ Air Flow & Performance Check
- ✓ Leakage Check & Rectification



AHU MAINTENANCE WORK



- ✓ Filter Cleaning / Replacement
- ✓ Coil Cleaning
- ✓ Fan & Motor Servicing
- ✓ Belt & Pulley Inspection
- ✓ Damper & Actuator Check
- ✓ Control Panel & Wiring Check
- ✓ Air Flow Measurement & Balancing
- ✓ General Inspection & Lubrication



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SKILLED TECHNICIANS



RELIABLE SERVICE



QUALITY WORK



COMPLETE SOLUTIONS



BLUEBIRD COOLING SOLUTION



COMPRESSOR OVERHAULING WORK SCREW • CENTRIFUGAL • RECIPROCATING PARTS SUPPLY & REBUILD SOLUTIONS

EXPERT OVERHAULING • MAXIMUM RELIABILITY • OPTIMAL PERFORMANCE • COST EFFECTIVE

COMPRESSOR OVERHAULING – ALL TYPES

SCREW COMPRESSORS



Complete dismantling, inspection, machining, rebuilding & testing for peak efficiency.

- ✓ Rotor Inspection & Reprofilng
- ✓ Bearing & Seal Replacement
- ✓ Capacity & Performance Testing
- ✓ Oil System Cleaning & Flushing

CENTRIFUGAL COMPRESSORS



Precision overhaul of centrifugal compressors for highest reliability & efficiency.

- ✓ Impeller & Diffuser Inspection
- ✓ Bearing & Seal Overhaul
- ✓ Shaft Balancing & Alignment
- ✓ Performance Test & Calibration

RECIPROCATING COMPRESSORS



Expert servicing & rebuilding of reciprocating compressors for long service life.

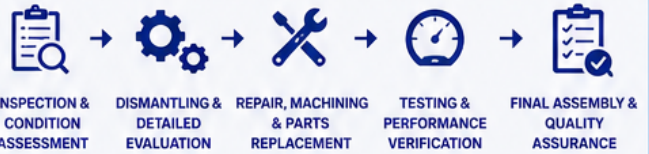
- ✓ Valve Plate & Valve Replacement
- ✓ Piston, Ring & Rod Inspection
- ✓ Crankshaft & Bearing Overhaul
- ✓ Pressure Test & Final Inspection

GENUINE & OEM PARTS SUPPLY



Rotors • Bearings • Seals • Gaskets • Filters • Valves • Piston & Rings • Couplings • Oil Pumps & More

OUR OVERHAULING PROCESS



WE SPECIALIZE IN OVERHAULING OF LEADING COMPRESSOR BRANDS



TYPE : • Screw
• Centrifugal
• Reciprocating



TYPE : • Screw
• Centrifugal
• Reciprocating



TYPE : • Screw
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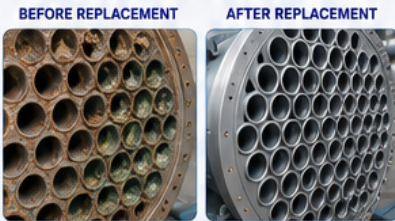
BLUEBIRD COOLING SOLUTION



CONDENSER COIL REPLACEMENT & EVAPORATOR TUBE REPLACEMENT AFTER CHECK WITH EDDY CURRENT TEST

EXPERT INSPECTION • ACCURATE TESTING • SUPERIOR QUALITY • MAXIMUM RELIABILITY

CONDENSER COIL REPLACEMENT



OUR SERVICE INCLUDES:

- ✓ Eddy Current Testing of Condenser Tubes
- ✓ Leak Detection & Integrity Assessment
- ✓ Condenser Coil Replacement
- ✓ Hydro Testing & Vacuum Testing
- ✓ System Cleaning & Performance Check



BETTER HEAT TRANSFER



IMPROVED EFFICIENCY

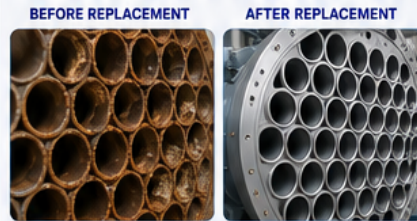


EXTENDED EQUIPMENT LIFE



LOWER ENERGY CONSUMPTION

EVAPORATOR TUBE REPLACEMENT



OUR SERVICE INCLUDES:

- ✓ Eddy Current Testing of Evaporator Tubes
- ✓ Leak Detection & Integrity Assessment
- ✓ Evaporator Tube Replacement
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BETTER HEAT TRANSFER



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SUITABLE FOR ALL TYPES OF CHILLERS



AIR COOLED SCREW CHILLERS



WATER COOLED SCREW CHILLERS



CENTRIFUGAL CHILLERS



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SERVICE • MAINTENANCE • REPAIR • PARTS • RETROFIT

CATALOG
2024-25

— One Stop Solution For All Your Chiller Needs —



OUR SERVICES AT A GLANCE



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Performance Optimization



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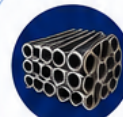
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Condenser Coil Replacement



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Eddy Current Test • Thermography
Water Flow Measurement



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OUR WEBSITE



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ADVANCED EQUIPMENT



RELIABLE RESULTS



COMPLETE SOLUTIONS

KEEPING YOUR SYSTEMS COOL • EFFICIENT • RELIABLE