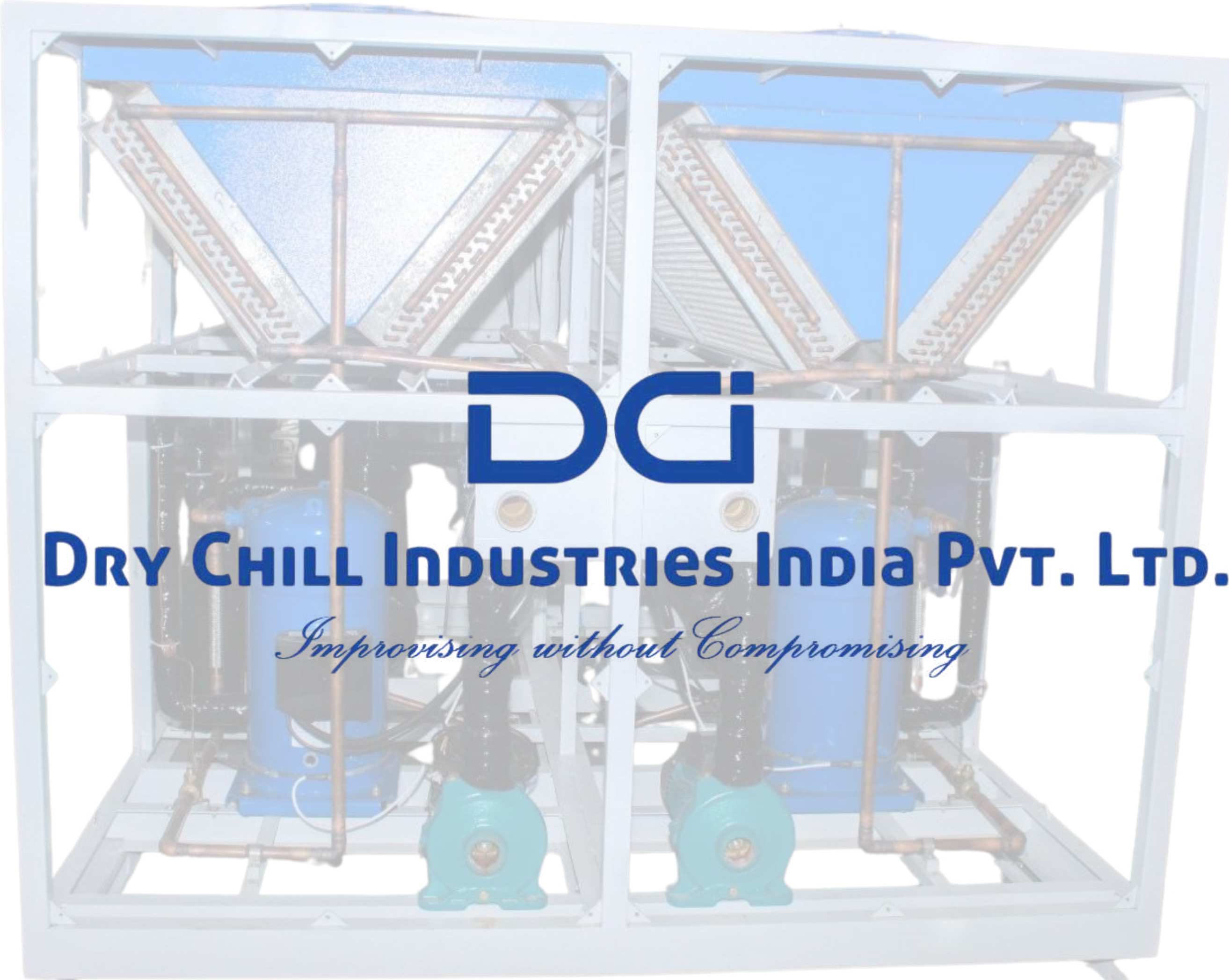




DCI

DRY CHILL INDUSTRIES INDIA PVT. LTD.

Improvising without Compromising

About Our Company

- Established in 2015 and led by Managing Director Mr. Vinayak Gadkar, Dry Chill Industries is a BSSI-certified manufacturer specializing in Air Cooled Water Chillers, Air Dryers and Filters.
- With roots dating back to 1996, our journey reflects consistent growth, driven by rising demand and our commitment to custom-engineered cooling solutions.
- We offer end-to-end design, engineering, fabrication, and product customization tailored to diverse industry needs. With a strong Pan-India presence and expanding global footprint, we are committed to delivering reliable, efficient, and future-ready cooling systems.
- Our motto: “Improvising Without Compromising” drives everything we do — from innovation to customer satisfaction.

Mission, Vision & Values



To be “innovative and admired globally” for industrial chillers & refrigerated air dryers



Improvising without compromising”: focus on quality, durability & customization



Quality, team work, integrity, accountability & client commitment

VISION

MISSION

STRATEGY

VALUE

Our Timeline

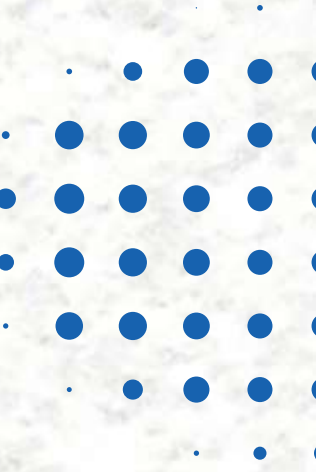
- **1996** • Company established; began with moisture separator & drain valve manufacturing.
- **2000** • Became a pioneer with the largest production capacity under our brand.
- **2006** • Catered to industrial demand for Air Dryers and Water Chillers.
• Introduced multiple R&D updates.
- **2010** • Achieved significant market presence by selling numerous machines with high quality & brand value.
- **2015** • Entered a new era under the name Dry Chill, targeting market expansion.
- **2017** • Established a new production unit to deliver quality products for the market.
- **2018** • Set the future goal: become a global leader, expand to international markets, and extend the brand worldwide.

CALENDAR



SEPTEMBER

Our Products



INDUSTRIAL WATER CHILLER



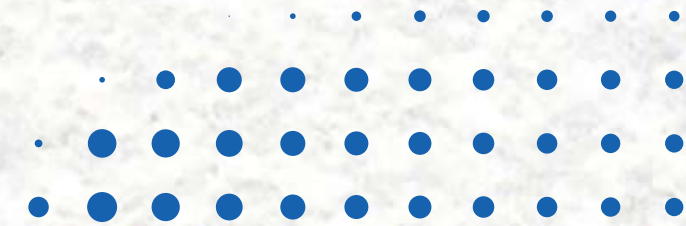
AIR CHILLER



**REFRIGERATED AIR DRYER
& FILTER**

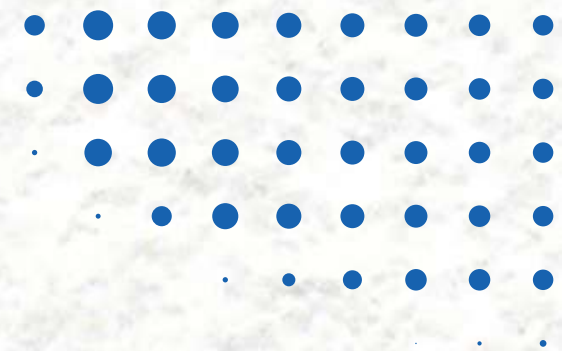
Industrial Water Chiller

- At Dry Chill Industries Private Limited we design and manufacture advanced industrial water chillers engineered for precision, reliability, and energy efficiency.
- Our chillers are widely used in sectors such as plastics, pharmaceuticals, chemicals, food & beverages, medical equipment, printing, and machine tooling, where process cooling is critical to performance and product quality.



Technical Specifications (General Range)

- Cooling Capacity: 1 TR to 200 TR (customized capacities available)
- Temperature Control Range: +30°C to -15°C (depending on application)
- Condenser Options: Air-cooled and water-cooled
- Compressor Types: Scroll, screw, and reciprocating, based on capacity requirement
- Refrigerants: Eco-friendly refrigerants (R-407C, R-134a, R-410A, R-404A) compliant with global standards
- Flow Rate: Designed for high-volume process cooling with variable flow configurations
- Controls: PLC-based intelligent controllers with digital temperature display, auto cut-off, and safety interlocks
- Power Supply: 3 Phase, 380–460 V, 50/60 Hz
- Construction: Heavy-duty powder-coated frame with corrosion-resistant components
- Safety Features: High/low-pressure protection, overload protection, low water flow alarm, and phase failure safeguard



Key Features



Efficient heat removal for continuous industrial processes



Wide capacity range to meet varying operational demands



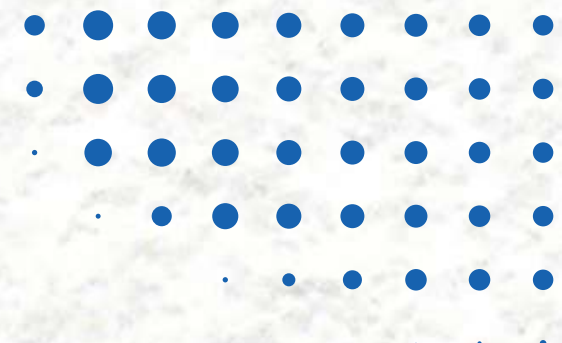
Use of eco-friendly refrigerants and energy-saving technology



Durable construction with minimal maintenance requirements



Tailor-made solutions to address specific client needs



Our Range:

Discover our versatile range of Industrial Water Chillers:



ECO



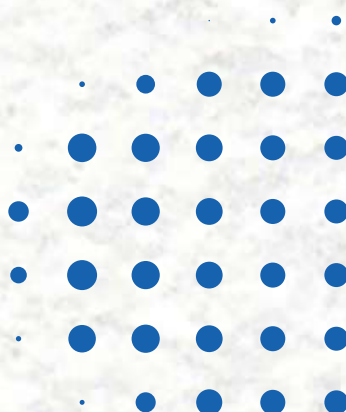
STANDARD



PREMIUM

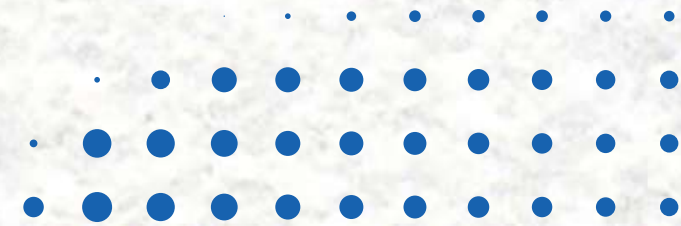


PLATINUM



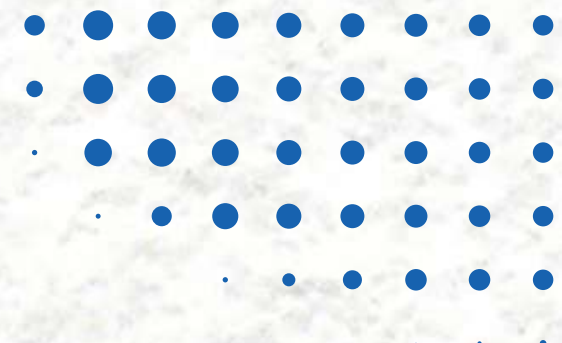
Air Chiller

- Our Air Chillers are engineered with cutting-edge technology to meet international quality standards, ensuring durability, safety, and optimum performance across diverse applications such as plastic processing, pharmaceuticals, food & beverages, and chemical industries.



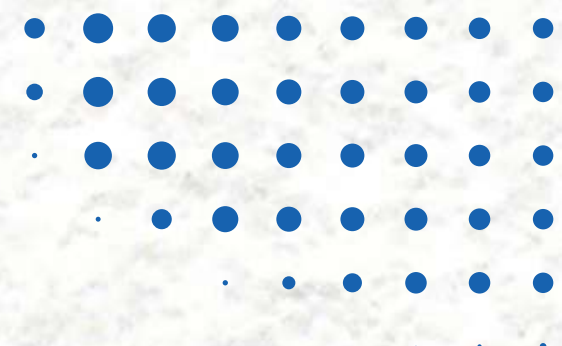
General Specifications

- Type: Air-Cooled Air Chiller
- Cooling Capacity: 3 TR to 20 TR (customized options available)
- Refrigerant: Eco-friendly refrigerants (R-407C / R-410a / R-134a)
- Compressor: Hermetically sealed Scroll / Semi-hermetic Screw type
- Evaporator: Copper tube with Blue Fins.
- Condenser: Air-cooled with high-efficiency copper tubes & aluminium fins
- Temperature Range: +5°C to +25°C (adjustable as per requirement)
- Power Supply: 380V-440V / 3 Phase / 50Hz (other voltages on request)
- Controls: Microprocessor / PLC-based controller with safety protection system
- Cooling Medium: Ambient air (no water required)
- Installation: Easy to install, compact design, minimal maintenance



Cooling System

- Cooling Capacity: 1000 cfm to 20,000 cfm
- Temperature Control Range: 5°C to 25°C (special low-temp models up to -10°C available)
- Refrigerant: R-134a / R-407C / R-410a (eco-friendly, ozone-safe options)
- Expansion Device: Thermostatic Expansion Valve / Electronic Expansion Valve
- Compressor
- Type: Hermetically Sealed Scroll / Semi-Hermetic Screw (depending on capacity)
- Power Efficiency: High COP (Coefficient of Performance) > 3.1
- Lubrication: Oil circulation with automatic return system
- Noise Level: Low-vibration, sound-attenuated design



Controls & Safety



Control System: Microprocessor / PLC-based intelligent controller

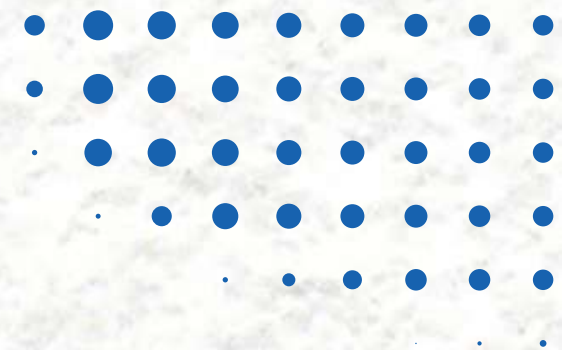


Display: Digital control panel for temperature, pressure, alarms



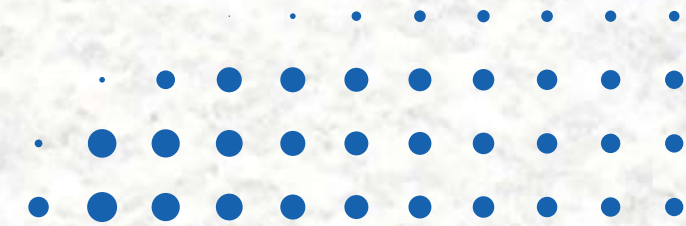
Safety Features:

- High & low refrigerant pressure cut-off
- Compressor overload & short-circuit protection
- Phase reversal & imbalance protection
- Anti-freeze protection



Refrigerated Air Dryer & Filter

- Our dryers operate on a proven refrigeration-based process that cools compressed air, condenses and removes water vapour, and delivers clean, dry air downstream with a stable pressure dew point of +3 °C.
- Designed with eco-friendly refrigerants, high-efficiency heat exchangers, and zero-loss automatic drains, our dryers ensure optimal performance while minimizing operating costs.



Backed by decades of engineering expertise and a commitment to international quality standards, our Refrigerated Air Dryers are trusted across industries such as:



Pharmaceuticals & Healthcare – for precision, sterility, and compliance



Food & Beverage – for safe and hygienic operations



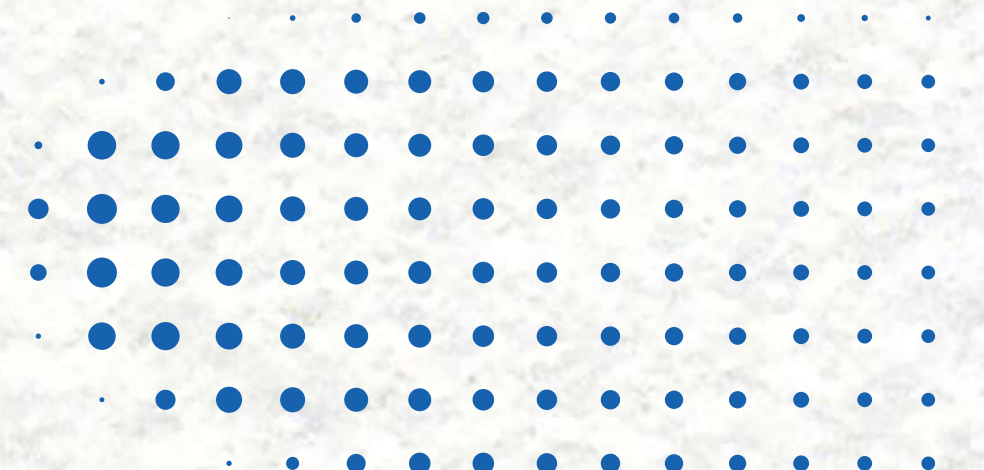
Textiles & Plastics – for process reliability and reduced downtime



Automotive & Engineering – for tool protection and consistent performance

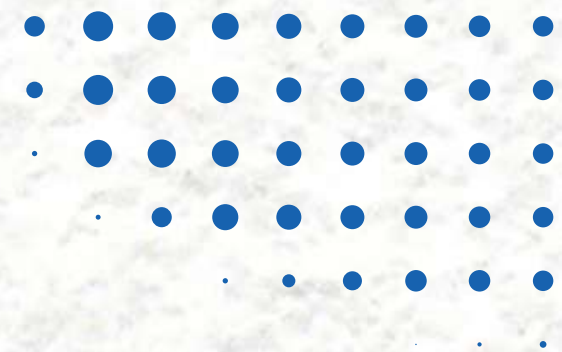


General Manufacturing – for long-term operational efficiency



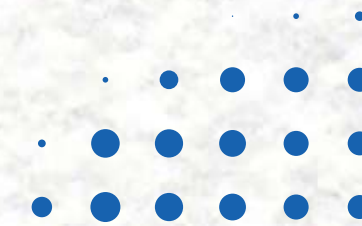
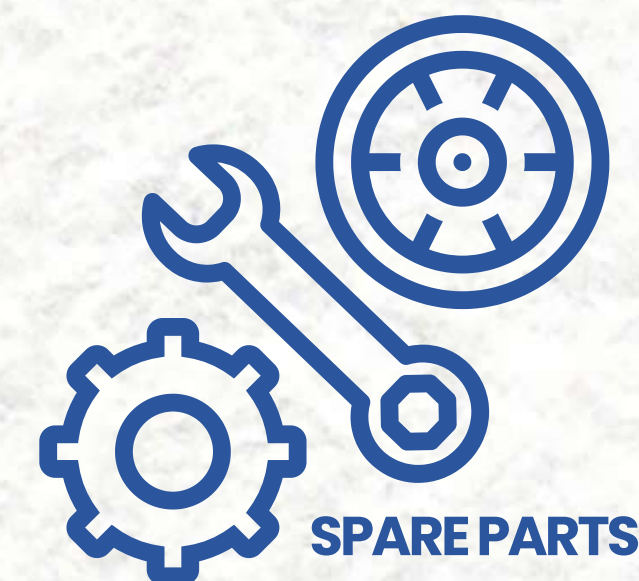
Technical Specifications (Customisations Available)

- Capacity Range: 40 CFM to 1000+ CFM (customized options available)
- Working Pressure: Up to 45 bar (232 PSI)
- Inlet Temperature: Up to 55 °C
- Pressure Dew Point (PDP): +3 °C (ISO 8573 Class 4)
- Refrigerant Type: Eco-friendly, CFC-free refrigerants (R-134a / R-404a / R-407C)
- Power Supply: 230V / 50Hz (Single Phase) or 415V / 50Hz (Three Phase)
- Cooling Method: Air-cooled
- Heat Exchanger: High-efficiency shell & tube design
- Drain System: Automatic, zero-air-loss drain valve
- Construction: Compact, corrosion-resistant enclosure with easy service access
- Standards: Designed and tested as per international safety and quality standards





Our Services:



Industry We Serve:



Manufacturing Industry



Plastic Industry



Pharma Industry



Food Industry



Construction Industry



Water Treatment Industry



Footwear Industry



Pet-Product Industry



Chemical Industry



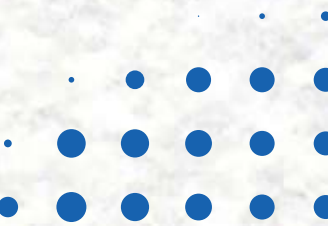
Metal Industry



Automotive Industry



Stationary Industry



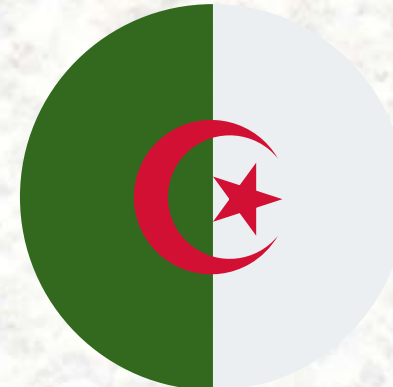
Our Clients



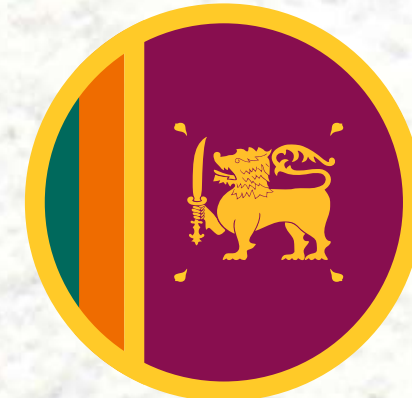
Our Presence:



EGYPT



ELGERIA



SRI LANKA



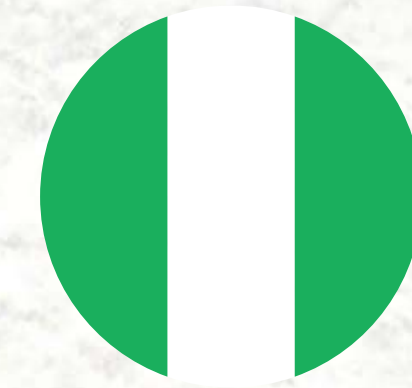
UGANDA



MALDIVES



ETHIOPIA



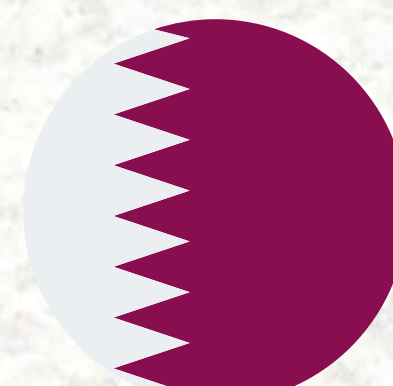
NIGERIA



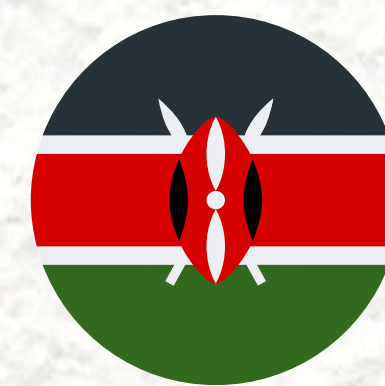
UAE



OMAN



QATAR



KENYA



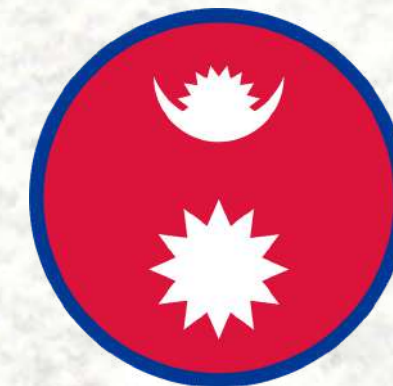
TANZANIA



GHANA



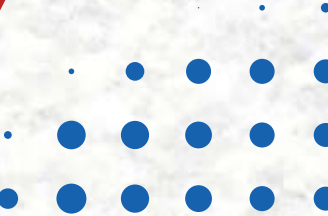
BANGLADESH



NEPAL



BAHRAIN



Thank You



Dry Chill Industries India Private Limited
Gala No 28, BLDG No 2, Jeevan Sundar Ind
Estate Waliv, Virar, Vasai – 401208, Palghar,
Maharashtra, India



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