AC EQUIPMENT
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DB

US PRODUCT GUIDE







DUNHAM-BUSH®

Products that perform...By people who care

PRODUCTS



DCLC-M Series - Prometheus
Magnetic Bearing Chiller

Cooling Capacity: 75 - 880 TR (264 - 3095 kW)

Features

- High Efficiency Magnetic Bearing
- Inverter Driven Dual-Stage Compressor
- Oil Free Operation
- Low Noise with Compact Foot Print
- Improved Performance and IPLV
- AHRI Certified
- R134a



DCLC-D Series - Hercules
Centrifugal Chiller

Cooling Capacity: 300 - 3000 TR (1055 - 10550 kW)

Features

- Dual-Stage Compressor
- Advanced Microprocessor Controller
- Touch Screen Control Panel
- VFD (Optional)
- AHRI Certified
- R134a



WCFX-E/ WCFX-V (VFD) Series - Poseidon
Water Cooled Screw Chiller

Cooling Capacity: 60 - 1000 TR (211 - 3517 kW)

Features

- High Efficiency Vertical Screw Compressor
- Inverter Driven (VFD) Compressor (WCFX-V only)
- Flooded Shell and Tube Evaporator / Condenser
- Touch Screen Control Panel
- Improved Performance and IPLV
- AHRI Certified
- R134a



AVX-A/ AVX-B (VFD) Series - Achelous
Air Cooled Screw Chiller

Cooling Capacity: 115 - 470 TR (406 - 1656 kW)

Features

- High Efficiency Vertical Screw Compressor
- Inverter Driven (VFD) Compressor (AVX-B only)
- Flooded Shell and Tube Evaporator
- Advanced Microprocessor Controller
- Unique Low Noise Control Design
- Suitable for High Ambient Application
- AHRI Certified
- R134a



ACDS Series - Zeus
Air Cooled Scroll Chiller

Cooling Capacity: 10 - 183 TR (35 - 643 kW)

Features

- Multiple Scroll Compressors
- High Efficiency Plate Heat Exchanger (PHE)
- High Efficiency and COP
- Available in Modular Design
- AHRI Certified
- R410a

PRODUCTS



eCS3 / CS3 / SCS3 Series
Central Station Air Handling Units

Air Volume: 1000 - 56000 CFM (1700 - 95000 m³/h)

Features

- Modular Industrial Design, Rugged Construction
- Extruded Aluminum Profile with Strong Nylon Corners
- Double Skin Panel Construction with Injected Polyurethane Foams Insulation



DBRT Series
Roof Mounted Air Handling Units

Air Volume: 2000 - 28800 CFM (3340 - 48930 m³/h)

Features

- Modular Industrial Design, Rugged Construction for Outdoor
- Versatile Applications, Forward and Backward Curved Fans Including Airfoil Type for Multizone Systems
- Energy Saving Solutions
- AHRI Certified Coils



ACPSE / ACPSJ / ACPSJOA / ACPSG(VFD) / ACPSGOA Series
Air Cooled Packaged Rooftop Units

Cooling Capacity: 33 - 1585 MBH (10 - 465 kW)
Heating Capacity: 32 - 1654 MBH (9 - 485 kW)

Features

- High Efficiency Scroll Compressors with R410A
- Rugged Design for Outdoor Applications
- Available with Variable Speed Compressors
- Direct Drive Fans
- 100% Outside Air DOAS and ERU



WCPSC Series
Floor Stand Ducted

Cooling Capacity: 100 - 1820 MBH (29 - 464 kW)
Heating Capacity: 125 - 2046 MBH (37 - 599 kW)

Features

- High Efficiency Scroll Compressors
- Rigid and Compact Design
- EC Plenum Fan
- R410A



DB-Aire II Series
Precision Environmental Control

Cooling Capacity: 2 - 26 TR (7 - 91 kW)

Features

- High Efficiency Scroll Compressors
- Touch Screen Control Panel
- Compact Design and Foot Print
- Chilled Water, Direct Expansion or Dual Coil
- Suitable for High Ambient Application
- R410A / R407C

SPECIALTY PRODUCTS

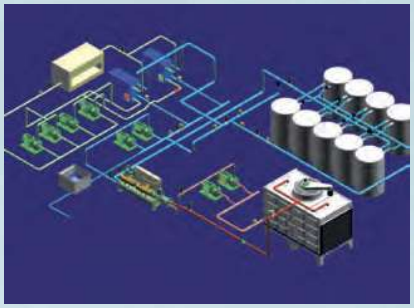


ICE-CEL
INTEGRATED SOLUTIONS BY DB

ICE-CEL
Dunham-Bush Patented Ice Thermal Storage Systems

Features

- Modular and High Efficiency Tanks from 422 - 844 kWh
- Only -3.5°C Brine Required in Freezing Mode
- Fiberglass Double Wall Tanks
- High Density Poly Ethylene (HDPE) Heat Exchanger for Durability and Efficiency



CHILLER PLANT MANAGER (CPM)

- System Optimization and Automation
- Supervised All Equipments in Chiller Plantroom
- NetVisorPRO for Data and History Logging
- Graphical Animation
- Local or Remote Monitoring is Available via BACnet, ModBus, Internet



INDUSTRIAL LOW TEMP MACHINE
ICE RINK CHILLER

- Customized Design Chiller
- Manufactured Based on Requirement/ Specification
- R507

CERTIFICATIONS



Intertek

ASHRAE 90.1 COMPLIANT

AHRI CERTIFIED

CE

IEC

MS ISO 9001:2000 REG. NO: AR0409
DUNHAM-BUSH INDUSTRIES SDN BHD