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energy savings.

Adiabatic pre-coolers designed to extend equipment life and lower energy usage by up to 30%. Complete with water softening system and cloud-based control network for real-time energy savings and seasonal optimization.

AIR CURTAINS/DOORS

AMCA Certified, heated and unheated air curtains/doors. Architectural, commercial, and industrial styles for door heights up to 30' high.

AIR FLOW MEASUREMENT

Accurate and repeatable measurements for Outside, Supply, and Return airflow, unaffected by ambient weather, airbome pollutants, or bends and restriction in TrueFIT mechanical air delivery systems. Higher accuracy, better reliability, and more affordable than traditional air flow measurement systems.

AIR HANDLING

Global Leader in air management with the industry's highest recovery performance (AHRI Certified) energy wheels. 3A Energy recovery air handlers Semco

840 - 78,000 cfm. Acoustical thermal panels.

AIR TERMINAL DEVICES

Cold Point Originator of the hydronic vertical hi-rise fan coil and the industry's only slide out Adirondack Aire hydronic chassis. Units from 200-1,200 cfm, direct-drive EC fan motors, high

efficiency filtration, riser sets, and versatile piping and supply arrangements. Vertical and horizontal fan coils direct drive 300-1,200 cfm, belt drive units 600-12,000 cfm, and console units 200-1,200 cfm.

Ductless hydronic fan coils/cassettes/high wall Multi-Aqua

**BOILERS/BURNERS** 

Extensive line of high efficiency condensing and non-condensing gas-fired, copper tube or stainless steel flexible water tube boilers to fit almost any commercial application 500MBh – 6,000 MBh. Thermal Solutions

Bryan

Steam boilers 6-600 BHP, gas, oil, dual fuel, and electric, forced draft and atmospheric, low NOx, and knockdown styles.

Complete line of firetube boilers. D/A & feedwater systems, clean steam generators.

**BOILER FLUE/STACKS** 

**DuraVent** Security

**Sellers** 

Peak +

Berner

Flues for every application, including grease duct.

**BOOSTER SYSTEMS** 

Armstrong Quality engineered Design Envelope packaged booster systems.

**CHILLERS** Small heat pump chillers.

Multi-Aqua Thermal Gas

Systems

Stulz

Refrigerant monitors, alarms and safety equipment.

**COMPUTER ROOM AIR CONDITIONING** 

Designed specifically for the cooling of computer and electrical rooms. Floor-mounted, ceiling mounted, & in-row cooling units with chilled water, DX,

redundancy & humidification.

**COMMERCIAL PUMPS** 

Armstrona Design envelope solutions, including vertical inline pumps with

factory-integrated VFDs with sensorless control. Large range of commercial pumps including vertical inline, base mounted/end suction, dual arm, and circulator pumps for many different applications.

**CONTROLS** 

Hartman loop central plant optimizer. Armstrong

**KMC** Tridium Niagara N4 open BACnet compliant systems.

(Facility Explorer) Tridium Niagara N4 open BACnet compliant systems. Light commercial open BACnet building automation systems. JCI FX JCI Verasvs

**CUSTOM HVAC ACCESSORIES & MODIFICATIONS** 

CanFab Modifications and accessories for unitary packaged and split systems

**Thybar** 

Wheels

Genesis Air

**DEDICATED OSA UNITS** 

High efficiency gas heat outdoor air units. Reznor

**DEHUMIDIFICATION UNITS & POOL/NATATORIUM UNITS** 

**PoolPak** Specifically designed units for the crucial need of accurate temperature and humidity control for indoor pools using heat reclaim.

**ENERGY RECOVERY SYSTEMS** 

SEMCO, CanFab, Thybar, MicroMetl

3 ANG, 4 ANG, plastic polymer technology offering total sensible, equal sensible and latent, and sensible only recovery. Available for new or retrofit projects for 840 – 78,000 cfm.

**HIGH EFFICIENCY IAQ SYSTEMS** 

Photo-Catalytic Oxidation systems with near 0 PD. Ideal for the control of VOCs

and biological contaminates in hospitals, schools, casinos, etc.

**HUMIDIFIERS** 

Carel Isothermal and adiabatic humidification solutions for every application:

electric, gas-fired, steam generators and distribution.

**HYDRONIC SPECIALTIES** 

Flow control valves for hydronic heating, circulation isolating flanges, and Hays configured hydronic hookups.

Leader in HVAC expansion tanks, thermal expansion tanks, and vortex Armstrong

air separators.

Spirotherm Leader in regular and high velocity air/dirt separators that are able to eliminate 100% of free air, 100% of entrained air, and up to 99.6% of

> dissolved air (microbubbles) in water. Particle separator down to 5 microns with a minimum préssure drop. Large & custom sizes available.

**PACKAGED CHILLER & BOILER PLANTS** 

Custom-built modular central plants and packaged pumping systems for Systecon

commercial and mission critical applications

Pre-engineered packaged plants and pumping skids Armstrong

**HEAT EXCHANGERS** 

Shell & tube, plate and frame, and brazed plate heat exchangers for Armstrong

commercial and industrial applications covering a wide range of

different fluids and operating pressures.

**POLLUTION CONTROL UNITS & GREASE DUCT SUMPS** 

Commercial kitchen ventilation systems including pollution control units with odor, grease and smoke removal. Grease duct sumps.

**ROOF CURBS** 

CanFab One of the premier designer and manufacturers of commercial HVAC accessories

Thybar

Gaylord

Hitachi

Century

High quality roof curbs made by a leader in the sheet metal industry.

MicroMetI High quality galvanized steel roof curbs.

**VRF & DUCTLESS SYSTEM** 

Global leader in VRF & ductless heating and cooling systems. Air and water cooled VRF heat recovery, heat pump, multi-zone, and mini-split systems.

Ultra-efficient design, inverter technology, individual zoning control, and quiet

operation throughout a wide range of operating conditions.

Multi/single zone ductless mini-split system cooling & heat pump units up to

3 tons.

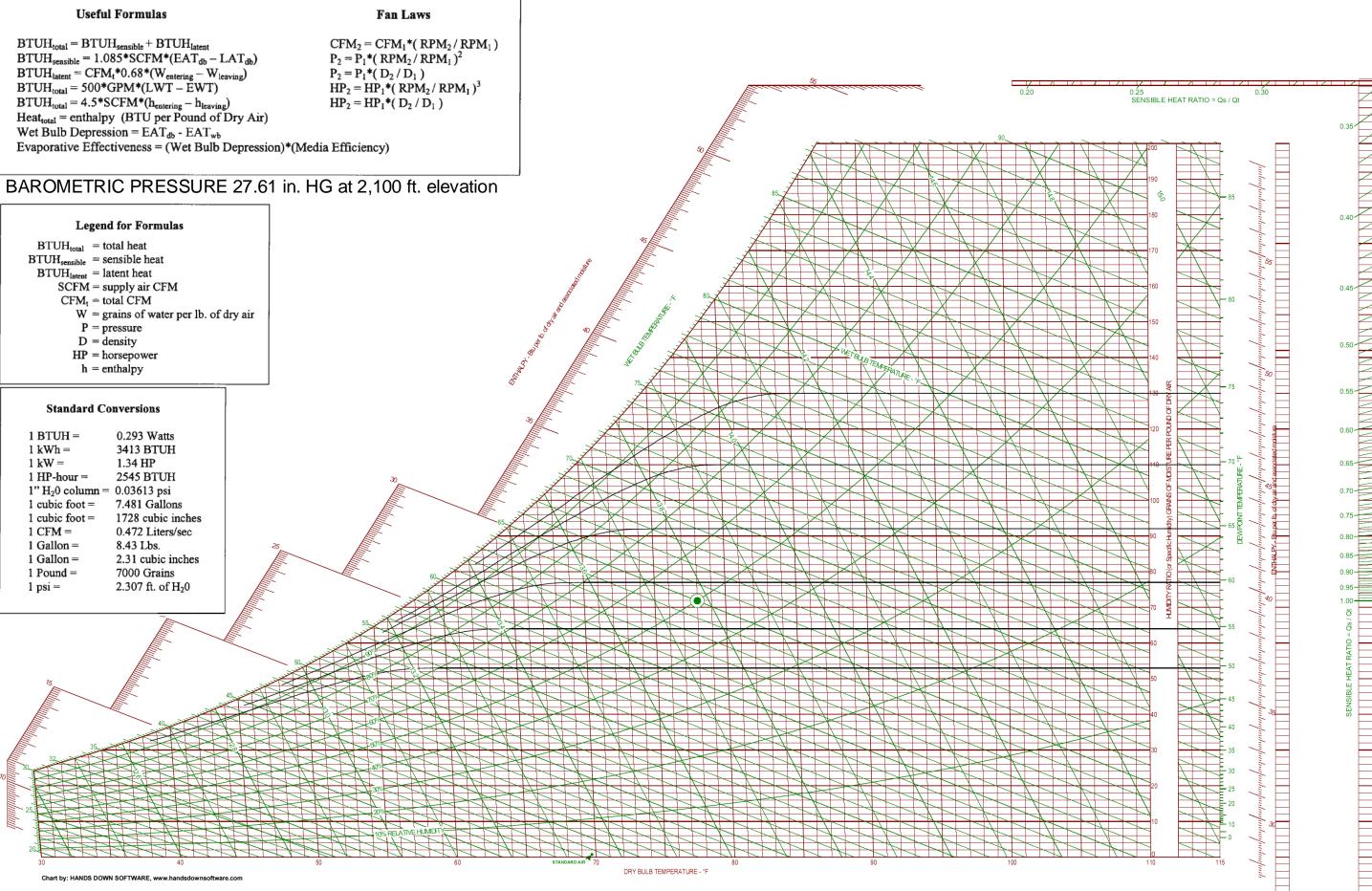
**WATER-SOURCE HEAT PUMPS** 

**Cold Point** Adirondack Aire

Originator of the vertical hi-rise water-source heat pump (WSHP), and two-stage vertical stack unit, with industry leading efficiencies. Units from 200-1,200 ½ ton to 3 ton), direct-drive EC fan motors, high efficiency filtration, built-in ERV, riser sets, and versatile piping and supply arrangements. Vertical and horizontal WSHPs 3/4 ton to ton, and console

units  $\frac{3}{4}$  ton to 1  $\frac{1}{2}$  ton.

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ENTHALPY - Blu par lb. of dry air and associated moisture