

IOWA CHAPTER - ASHRAE

FOREWORD

The 2005-2006 Chapter Membership Directory and Product Directory of Manufacturers and their Representatives in the Central Iowa area has been prepared by the Iowa Chapter of ASHRAE as a service to all its members and as a service to the local HVAC industry.

The Directory is intended to provide better communications between manufacturers and their sales representatives; engineers who specify products; contractors who purchase and install the equipment; and other interested parties. Product Directory listings are not limited to ASHRAE members and the listings are not to be considered as advertising or endorsement by ASHRAE of any product, manufacturer or representative.

Since the Directory is useful when the data it contains is current in all respects, the Chapter re-issues an updated version on an annual basis.

Charles Heldenbrand
ASHRAE - Iowa Chapter

Additional copies of this Directory are available at \$5.00 per copy.

Suggestions on ways of improving the Directory or notification of errors in this edition are sincerely invited.

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IOWA CHAPTER - ASHRAE

OFFICERS

Chuck Heldenbrand	President
Jason Kems	Vice-President
Kit Cartwright	Secretary
Jerrod Sieverding	Treasurer

BOARD OF GOVERNORS

Kevin Meredith	Holly Elbert
Dennis Forinash	James Wahlert

COMMITTEE CHAIRS

Attendance and Reception	Fred L. Miller
Student Activities	Roger Leshner
Membership	Matt Jesson
CTTC (Programs)	Jerry Cook
Research & Promotion	Ron Engelhardt
Refrigeration	Paul Anderson
e-Committee	Andrew Pospisal
Chapter Historian	Jeff Gross
Honors & Awards	Ron Engelhardt
House	Susan Oltrogge
Auditing	Jim Hall

CHAPTERS REGIONAL CONFERENCE (CRC)

Delegate	Chuck Heldenbrand
Alternate	Jason Kems

IOWA CHAPTER REGULAR MEETING INFORMATION

Time	4:30 p.m. - - -	Technical Session
	5:30 p.m. - - - - -	Social Hour
	6:00 p.m. - - - - -	Dinner
	7:00 p.m. - -	Meeting & Program

IOWA CHAPTER CALENDAR OF EVENTS

September 19, 2004	Fall Golf Outing
October 17, 2004	Membership Night
November 14, 2004	Student Night
December 19, 2004	Past President and History
January 16, 2005	Research Promotion
February 20, 2005	Student Night
March 13, 2005	"R" in ASHRAE
April 19 2005	Energy/Awards
May 22, 2005	Spring Golf Outing

ASHRAE REGION VI

Director and Regional Chairman John Day

ASHRAE SOCIETY

Headquarters	ASHRAE, Inc. 1791 Tullie Circle N.E. Atlanta, Georgia 30329 (404) 636-8400 Home Page: www.ashrae.org
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Admissions Fee	Applicants ————— \$85.00
	Students ————— \$ 8.00

Annual Dues	Members, Associates ————— \$ 150.00
	Student Members ——— \$ 8.00
	Retired Persons ——— \$20.00

ASHRAE SOCIETY OFFICERS

Lee Burgett, P.E	President
Terry Townsend, P.E.	President-Elect
Gordon Holness, P.E.	Vice-President
Ronald Jarnagin	Vice-President
Hugh D McMillan III, P.E.	Vice-President
Thomas H. Phoenix, P.E.	Vice President
Kent Peterson, P.E.	Treasurer
Jeff Littleton, P.E.	Secretary

MEMBERSHIP GRADE CODES

<u>Grade Code</u>	<u>Grade Description</u>
A	Member
C	Life Member
D	Associate Member
G	Life Associate Member
L	Student Member
R	Retiree Member

This information is included in the Directory to aid your delegates at Regional meetings. **All members should review their grade to see if they are eligible for upgrading.** For more information go to ashrae.org.

PAST CHAPTER PRESIDENTS

W.R. White	1938-1939	Kent L. Mosher	1972-1973
Tracy Johnson	1939-1940	Donald L. Bonicamp	1973-1974
R.A. Norman	1940-1941	Ralph R. Schilling	1974-1975
Perry LaRue	1941-1942	Curtis C. Hammer	1975-1976
P.E. Triggs	1942-1943	LaVerne W. Stewart	1976-1977
C.W. Helstrom	1943-1944	Richard E. South	1977-1978
W.W. Stuart	1944-1945	C.W. Miller	1978-1979
B.E. Landes	1945-1946	Gerald O. Anderson	1979-1980
E.O. Olson	1946-1947	Curtis J. Klaassen	1980-1981
C.A. Wheeler	1947-1948	Mark W. Allen	1981-1982
D.C. Murphy	1948-1949	Joseph M. Proctor	1982-1983
D.E. Wells	1949-1950	Robert L. Rist	1983-1984
R.S. Stover	1950-1951	Donald R. Hagge	1984-1985
C.H. McGuinness	1951-1952	Eugene V. Zefron	1985-1986
R.H. Schnell	1952-1953	Dennis D. Hogan	1986-1987
J.F. Sandfort	1953-1954	Gary L. Reynolds	1987-1988
W.E. Nanes	1954-1955	Charles A. Pedersen	1988-1989
G.J. Kraai	1955-1956	Clint Leonard	1989-1990
D.E. Schroeder	1956-1957	James A. Lee	1990-1991
W.A. Schworm	1957-1958	Jack O. Culp	1991-1992
R.T. Howard	1958-1959	Jeffrey C. Hammer	1992-1993
Crom Campbell	1959-1960	Gregory M. Maxwell	1993-1994
John R. Bain	1960-1961	Paul K. Melton	1994-1995
Vern G. Polly	1961-1962	Mark G. Conway	1995-1996
Elwood Giberson	1962-1963	Robbin R. Vannoy	1996-1997
Lyndon Kelley	1963-1964	James E. Hall	1997-1998
Bob Flanagan	1964-1965	C. Edward Truslow	1998-1999
Neil Hanson	1965-1966	Donald L. Swanson	1999-2000
James Green	1966-1967	Christopher W. Nelson	2000-2001
Eugene O'Neil	1967-1968	Susan R. Oltrogge	2001-2002
Einar Dahl	1968-1969	Dan Zaug	2002-2003
William Whitman	1969-1970	Ron Engelhardt	2003-2004
Robert L. McBride	1970-1971	Jeff Gross	2004-2005
Thomas J. Van Hon	1971-1972		

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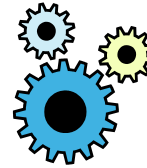
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Mason City, IA 50402-1362
(515) 423-2133

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Johnson Controls, Inc.
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Des Moines, IA 50322-7907
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Ankeny, IA 50021
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DIRECTORY OF MANUFACTURERS, PRODUCTS

AFFILIATED STEAM EQUIPMENT CO.

Rick Lee – Janet Sayers – Janet MacInnis – Raymond Cosgrove
David Harms – Ellie Setser – Judy Wiener
758 Schmidt Road
Davenport, IA 52802
PHONE: (563)322-7744 FAX: (563)322-5818
TOLL FREE: (800) 798-4178

<u>Manufacturers Represented</u>	<u>Product Description</u>
Armstrong International Inc.	Steam and condensate steam traps steam traps – inverted bucket, f&t, disc thermostatic and radiator, trap valve stations, compressed air drainers, air vents, strainers, condensate return, pumping traps, ss sump ejectors
Humidification	Steam injection humidifiers, gas/electric steam humidifiers, fogging systems
Hot Water	Washdown hose stations, thermostatic mixing valves, “the brain” electronic mixing center, instantaneous water heaters, direct fired water heaters
Pressure & Temp Controls	Pressure/temperatures regulators

Heat Transfer	Heating coils, heavy duty unit heaters, bayonet type tank heaters, duramix f/b
Service	Energy surveys and audits, turnkey installations, operation/maintenance services
Advanced Coil	Heavy duty heating/cooling coils, AHU's – custom housing
Asco	Solenoid valves, pressure and temperature switches, field power accessories, maintenance training
Asco General Controls	Safety shutoff gas valves
Ashcroft	Pressure gauges, diaphragm seals, bi-metal thermometers, thermowells
Cain Industries	Heat recovery and stack gas, economizers
Dole	Flow regulators, air vents
Durabla	"Non-Slam" check valves
Flex-Weld Keflex	Pump connectors, hose assemblies, expansion joints
Hydro-Level	Boiler water level controls
Hydro-Thermal	direct steam injection heaters for water and slurry heating
Kadant/Johnson Corporation	Rotary pressure joints, vacuum breakers
Kam Thermal	Replacement tube bundles, shell and tube heat exchangers
Klinger	Positive shutoff isolating valves
Kunkle	Safety and relief valves, repair service

Lattner	Electric, gas and oil boilers
Leser	Specialty safety valves
Marlo	Heating and cooling coils, air handling units, stratomizer face and bypass coils
Modine	Steam and water unit heaters
Mueller	Plate and frame heat exchangers, embossed steam panel coils
Schutte and Koerting	Steam jet ejectors, vacuum systems, desuperheaters, scrubbers
Spence Engineering	Pressure and temperature regulators, pneumatic control valves, repair service
Sterling	Electric condensate and boiler feed pumps
Thrush	Pumps, shell and tune heat exchangers, tube bundles, instantaneous water heaters, air eliminators
Heat Transfer Packages	Custom design, skid mounted

AIR EQUIPMENT SALES, INC.

Dave Deasy - Brian Melvin
P.O. Box 802
Bettendorf, Iowa 52722-0014
PHONE: (563) 359-0333 FAX: (563) 359-0334
TOLL FREE: (800) 747-0333
WEBSITE: www.airequipsales.com
EMAIL: sales@airequipsales.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
American Air Filter	Dry and wet dust collectors air intake filter housings and silencers, air filters and clean room products.
BLC Industries	Side access filter housings air filter frames and latches roll filters.
Dwyer Instruments	Pressure gages.
George Koch Sons	Acoustical enclosures.
Goyen	Diaphragm and solenoid valves timer boards.
Powrmatic	Gas fired make up air heaters.
Ross Cook	Central vacuum systems multi-stage centrifugal blowers.
Solberg Manufacturing	Inlet vacuum filters.
Sonic Air Systems	Engineered drying systems.
Steelcraft	Bag houses and cyclones.
Sternvent	Dust collectors and cyclones.

Tri-Mer Corp.	Wet scrubbers for particulate and odor control, polypropylene process tanks, specialty fabrications made of corrosion resistant materials.
Twin City Fan (Industrial Rep)	Centrifugal and axial fans.
TVS	Cartridge filters.
United Air Specialists (Smog Hog)	Self contained air cleaners, dust hog dust collectors, electrostatic air cleaners.
VAW	Fan silencers
Wm. Meyer & Sons	Rotary Airlocks, diverter and gate valves, blower packages

In addition, we sell parts for all types and makes of air filtration equipment.

APPLIED MECHANICAL PRODUCTS INC.

Ed Truslow -Lana Schroder -Brian Oakley
P.O. Box 13446 - 1804 41st Street
Des Moines, Iowa 50310
PHONE: (515) 277-3442
FAX: (515) 277-3301

<u>Manufacturers Represented</u>	<u>Product Description</u>
ACME Engineering Products	Carbon monoxide & dioxide detection & control equipment.
Adobe - Air Inc.	Evaporative cooling, commercial - industrial ventilating systems.
Air Balance, Inc.	Fire, smoke dampers, access doors & penthouses.
American Warming & Ventilating	Control dampers, heavy duty industrial dampers, louvers, penthouses, fire, smoke and combination dampers.
Anemostat	Air distribution products laminar flow diffusers
Brasch Manufacturing Company	Electric duct heaters, electric unit heaters, electric baseboard heaters, cabinet & wall heaters. gas detection equipment.
Car-Mon Products, Inc.	Carbon monoxide exhaust systems, welding fume exhaust, duct collection.

Carnes Co., Inc.	Grilles, registers & diffusers, terminal units vav, dual duct, fan powered, exhaust & supply air fans plus gravity ventilators, louvers, penthouses, humidifiers, energy recovery units.
DRI-STEEM Humidifier Co.	Electric Steam, steam injection, steam to steam, cabinet & space type humidifiers.
Data-Aire, Inc.	Computer room and telecommunications air conditioning systems.
M & I Air Systems	Custom compact high performance air handling systems.
RuppAir Management	Make-up air heaters, indirect and direct fired.

BAKER GROUP

B.J. Baker - Daryld Karloff - Gary Bridgewater
4224 Hubbell Avenue, Des Moines, IA 50317-4508
PHONE: (515) 262-4000
IN IOWA: (800) 262-5565
FAX: (515) 266-1025

<u>Manufacturers Represented</u>	<u>Product Description</u>
General Information	Baker Group is a large mechanical contractor based in central Iowa. We emphasize long term relationships, while supporting customers with piping, plumbing, ductwork, specialty metal products, certified pressure vessel welding and other specialty services, including sophisticated vibration analysis and laser alignment. In addition, we offer DDC, security solutions and fire alarm solutions.
Invensys Control Systems	Complete line of DDC temperature control sensors, valves, controllers and graphical software interfaces, including, Open Protocol Web Browser based Integration Platforms for Echelon, BACNet, MODBUS and many proprietary legacy systems.
Transair Piping (Nat'l Dist.)	Complete modular 'push connect' aluminum compressed air piping systems designed for quick installation, efficient air flow and maximum future flexibility.
Atlas Copco	Compressor Dealer – Complete Industrial Compressed Air System Solutions.

Hirsch, DSX & DMP	Security and card access system, security systems with video badging & CCTV integration options. Stand alone single door systems or large scaleable network systems.
Vicon, Pelco & Panasonic CCTV & Digital Recording	Closed circuit television cameras switchers & controllers with state-of-the art digital recording.
Easy Lobby Visitor Management Systems	Electronic visitor management badging systems.
Fire Control Instruments (FCI) Fire Alarm Systems	Complete line of hard wired and high-speed addressable systems, including distributed fire audio communication systems. Full intergration to building automation.

BRILCO, INCORPORATED

Bill Budd - Linda Albrecht
4211A Lower Beaver Road, Des Moines, Iowa 50310
PHONE: (515) 274-2528
FAX: (515) 274-2641

<u>Manufacturers Represented</u>	<u>Product Description</u>
ACME Engineering & Manufacturing Corp.	Commercial & industrial fans.
Aerosonics	Sound control products, silencers, acoustical louvers & fan housings.
American Energy Exchange	Air to air heat recovery units, plate exchangers, recovery wheels.
APC	Computer room air conditioners & chillers.
Airtex Corporation	Radiant ceiling panels.
CNI	PTAC replacement and new units.
Econ-Air	Complete kitchen hood exhaust & makeup air systems.
First Company	Fan coil units
Flex Master/ Master Duct	Flex duct, access doors.
FOF	Fiber duct
Koch Filter Corp.	Complete filter & accessories.
Lindab	Self-sealing spiral duct.
Marcraft	Custom air handling units.
Gripple	Heap fest system

Mason Industries, Inc.	Noise & vibration control products.
NCA	Roof curbs, louvers, penthouses, fire dampers, gravity & exhaust ventilators.
Nailor	Grilles, registers, diffusers, & VAV boxes.
Neptronics	Humidification equipment
Poolpak International	Complete heat recovery & humidity control packages for pool & spa.
RAE	Heating & cooling coils.
Safetronics	Variable frequency drives.
Steril-Aire	Ultraviolet control for HVAC.
Sterling	Gas heating products.
Schwank	Infrared heating products, packaged tube & high intensity.
Vulcan	Cabinet unit heaters, fin tube, convectors, wall fin, custom enclosures.
Walton	Humidifiers, steam, electric, and hot water.
WaterFurnace	Water source heat pumps.
Weather-Rite	Make-up air units, air curtains & specialty air handling equipment.

C.H. McGUINNESS COMPANY, INC.

Steve LaPole - Steve Cornwell
1637 E. 17th Street, Des Moines, Iowa 50316
PHONE: (515) 262-5609
FAX: (515) 262-5579
www.chmcguinness.com

Jim Voelcker
1535 West 15th Street, Davenport, Iowa 52804
PHONE: (563) 323-0204
FAX: (563) 323-1318

<u>Manufacturers Represented</u>	<u>Product Description</u>
Barnes & Jones	Steam specialties.
Bock	Water heaters.
Bryan	Water tube boilers.
Burnham Commercial	Steel & cast iron boilers.
Fulton Boiler	Boilers - pulse combustion.
Gordon Piatt	Gas / Gas-oil burners.
Heat-Fab, Inc.	AL29-4C vent products.
Lattner Boiler	Electric boilers, commercial water heaters, process and heating boilers, boiler feed systems.
Raypak, Inc.	Coil type hot water boilers, water heaters, pool heaters.
Reco, USA	Storage tanks & heat exchangers.
Shipco Pumps	Deaerators, condensate and boiler feed systems.

Space Ray

Infrared heaters.

Thermal Solutions

High efficiency hot water boilers.

Van Packer

Positive pressure boiler stacks

CAPITOL REPRESENTATIVES & DISTRIBUTORS, INC.

Mark Boothe - Allan Montefusco
Carole Jean Larson – Andrew Boothe
917 9th Street, West Des Moines, Iowa 50265-3613
PHONE: (515) 273-5170, (800) 678-0844
FAX: (515) 273-5175

<u>Manufacturers Represented</u>	<u>Product Description</u>
BFS Industries	Condensate and boiler feed pumps
Dell / Heatrix	Electric duct coils
Exhausto	Draft equipment, chimney automation systems, chimney fans and power ventilators.
Farr Air Filters	ASHRAE & HEPA replacement filters.
Florida Heat Pump	High efficiency geothermal heat pumps, water-to-water heat pumps, console heat pumps, and large commercial heat pumps.
Flow Design	Automatic flow control valves, coil hook-ups, manual balancing valves, P/T plugs, and heat pump hose kits.
Heatcraft coils	Steam coils, water coils, DX coils, and replacement coils for different coil manufacturers.
L.E.S. Boilers	Firebox boilers for water and steam, vertical firetube boilers and modular boiler systems.
Magic-Aire	Unit ventilators – horizontal, vertical, hydronic, steam, and DX.

Miljoco Corp	HVAC thermometers and gauges.
Modine Manufacturing Co.	Gas fired, steam/hydronic unit heaters, cabinet unit heaters , fin tube radiation and infra red heating systems, direct fired make-up air units.
Multistack	Modular water & air cooled chillers.
Niles Steel Tank Co.	Glass lined and epoxy lined custom built and factory stocked storage tanks.
Patterson Pump Co.	Complete line of end suction, inline, horizontal split case pumps, heat exchangers, hydronic accessories and Flow-Pak booster systems.
RBI	Copper fin boilers & water heaters
Rittling & Panel Radiator Inc.	Fin tube radiation, baseboard radiation, architectural steel radiators and convectors.
Schebler Co.	U.L. listed positive pressure boiler stacks, grease ducts and generator exhaust.
Thrush Company	HVAC pumps, heat exchangers, booster systems, hydronic accessories.
Watts Radiant	Radiant infloor floor heating systems, snowmelting systems and permafrost applications.
Williams Comfort	Fan coils and air handlers.

CITY SUPPLY

Iowa's Leading Plumbing and Hydronic Heating
Wholesale Company
Serving Commercial, Mechanical, and Plumbing Contractors.
PHONE: (515) 288-3211
FAX: (515) 288-3217

<u>Manufacturers Represented</u>	<u>Product Description</u>
A.O. Smith Water Products company	Commercial & residential water heaters, copper tube boilers and storage tanks.
FlatPlate, Inc.	Brazed plate heat exchangers.
Grundfos Pumps Corporation	Cast iron, bronze & stainless steel pumps.
Milwaukee Valve	Bronze ball & check valves. iron & bronze gate & butterfly valves.
Heat-Fab, Inc.	AL 29-4C stainless steel single & double wall gas venting systems. 3 - 24 inch diameters.
OmegaFlex, Inc.	TracPipe corrugated stainless steel flexible gas pipe
Rehau, Inc.	Crosslinked polyethylene pipe used for radiant floor heating, snow/ice melt systems & plumbing systems. insupex pre-insulated piping systems.
Slant/Fin Corp.	Cast iron boilers, baseboard & commercial fin-tube radiation, indirect water heaters.

Tekmar Control Systems, Inc.	Quality controls for all types of hydronic heating and snow/ice melting systems.
Unico Systems	Mini-duct high velocity cooling
Watts Regulator Company	Backflow preventers, pressure regulators & relief valves, gate & globe valve, strainers, hydronic heating & plumbing specialties, expansion tanks.

CI³ - CONTROL INSTALLATIONS OF IOWA, INC.

Wayne Hansen - Richard Hanisch - Jeff Gross
6200 Thornton Ave., Ste 190, Des Moines, IA 50321
PHONE: (515) 558-9300 FAX: (515) 558-9301
1237 Lake Ave. NE, Cedar Rapids, IA 52402
PHONE: (319) 362-2760 FAX: (319) 362-8478

<u>Manufacturers Represented</u>	<u>Product Description</u>
Andover	DDC automation systems, security systems, lighting systems, access control systems.
Kreuter (KMC)	DDC automation systems.
Edwards Fire Alarm	Fire alarm systems.
Pelco/AD	Closed circuit television.
Montgomery Tech., Inc. Wonderware	Correctional facility security systems.
Software House, NexWatch, Andover	Access control systems.
CI ³ Technical Services	Variable frequency drive installation and service, industrial process control, software applications. Underground tank monitoring systems and telemetry systems. CAD systems, SCADA systems, boiler controls, fume hood controls, intercom systems, technical service contracts, energy reduction and monitoring systems.

DATA POWER TECHNOLOGY, INC.

David Cooper - Loren Beem – Brian Kinnan
Tom Williams - Jerrod Sieverding
10625 Justin Drive, Urbandale, IA 50322-3715
PHONE: (515) 727-0771
FAX: (515) 727-0778

www.dptia.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
Berner International	Air doors, fabric duct, ERV's
Climacool	Modular chillers
Concepts & Designs, Inc.	Custom air handling equipment.
Control Concepts	Transient voltage surge suppression.
Cosa-Tron	Specialized air cleaning.
Dectron	Commercial, industrial & indoor pool dehumidification systems.
Enviro-Tec	VAV boxes, fan coil units, air handling units
ERV Systems	Energy recovery ventilators.
Heat Pipe Technology	Dehumidification and heat recovery systems.
Liebert	Environmental control systems, power conditioning, uninterruptible power systems, and site monitoring.
Mitsubishi Electric	Variable frequency drives.

Peerless Electric	Plenum, in line centrifugal, centrifugal, propeller & packaged fans
Sigma Corporation	Unit heaters, fin tube radiation, convectors
Systems Manufacturing Corp.	LAN cabinets and computer furniture
Vanner	Battery monitoring system
York International	Air conditioning equipment, air handler units, chillers, fan coil units, and VAV boxes.

DECO ENGINEERING PRODUCTS, INC.

Denny Hayes – Janet Mason - Skip Rhone
10530 New York Avenue, Des Moines, Iowa 50322
PHONE: (515) 278-2200
FAX: (515) 278-4222

<u>Manufacturers Represented</u>	<u>Product Description</u>
Armstrong	Steam traps, strainers, humidifiers, purgers, air vents, drainers, pressure powered pumps, hot water heaters.
Barnes Pumps	Submersible, self-priming, grinder and cutter pumps, lift stations.
Cla-Val	Automatic valves for pump control, remote control, pressure regulation, level control, flow control.
Desmi Rotan	Internal rotary gear pumps.
Durant/Cutler-Hammer	Electronic count controllers, mechanical counters, and rate meters.
Eurotherm	AC and DC Drives for control of fans, pumps and process equipment.
Equimeter	Gas meters and regulators, instrumentation.
Fireye	Flame safeguard systems, boiler room controls, portable flue gas analyzers.
Fybroc	Corrosion resistant fiberglass and epoxy resin pumps.

GFG Instrumentation	Gas monitoring equipment, portable and fixed.
Magnatex	Magnetic drive seal less centrifugal pumps.
Milton Roy / LMI	Controlled volume metering pumps, accessories and systems.
Peerless Pumps	Split case, end suction, in-line, ANSI process, vertical turbine, axial, mixed flow, sump, sewage, fire and jockey pumps and controllers.
Venture Measurment / Aaliant	Flow meters- magnetic, vortex, target, and ultrasonic.
Niagara	Flow meters- Oval gear, nutating disc, oscillating piston, and turbine.

FELD-HAZER & ASSOCIATES, INC.

Al Hazer - Chuck Gustafson - Laura Ham
5261 NW 114th Street, Suite F, Grimes, Iowa 50111
PHONE: (515) 986-3671
FAX: (515) 986-3564

<u>Manufacturers Represented</u>	<u>Product Description</u>
A.P.V.	Plate and frame heat exchangers.
Aerco	Indirect fired helical coil and double wall domestic water heater, hi-efficiency condensing gas boilers and domestic water heaters.
Bonanza	Gas-fired makeup air units
Climate Master	Boiler-tower and geothermal heat pumps for commercial and industrial applications.
Flanders CSC	Carbon filtration, and bag-in/bag-out HEPA and TB housings, bubble tight damper assemblies
Flanders/PrecisionAire	Commercial filter housings and fan packs for HVAC systems, clean room applications. HEPA and Nuclear grade side access housings.
Flanders	Air filtration products for all commercial and clean-room applications
Hays	Measureflo automatic flow control and heat pump hose kit assemblies.
Heat -Fab	Alloy 29 flue systems, single and double wall for condensing boilers.

USA Coil

Replacement coils, chiller barrels, fan coils, tube bundles, air handling units, unit heaters, cabinet unit heaters, and fluid coolers.

Whalen

Hi rise stacked fan-coil units and hydronic heat pumps

HALVORSON TRANE COMPANY

Paul Halvorson – Greg Grandgeorge - Ron Engelhardt
Paul Melton - Dave Wisnieski – Doug Stevens – Haley Burns
Quenten Meyer - Kit Cartwright
Steve Brimeyer (BAS Manager) - Steve Crocker (Service Manager)
2220 108th Street, Urbandale, IA 50322
PHONE: (515) 270-0004
FAX: (515) 270-3835

www.trane.com/desmoines

<u>Manufacturers Represented</u>	<u>Product Description</u>
Armstrong	Humidifiers
Calmac Manufacturing	Thermal storage products.
Canatal	Computer room units.
Danfoss/ Trane	Variable frequency drives.
Des Moines Trane Parts	Trane and HVAC industry parts
Filtrine Liquid Chillers	Specialty coolers for medical, process recirculation, drinking water, and bakery applications.
Halvorson Trane Service	Trane factory service & existing building products, solutions & rentals
Heatex	Custom air handling units, flat plate energy recovery units and heat exchangers and pool dehumidification products
Indeeco	Electric coils, comfort heating products and electric boilers.

Innovent	Custom air handling units, flat plate, desiccant wheel and coil type energy recovery units and heat exchangers and pool dehumidification products.
Mitsubishi	Ductless air conditioning products.
Movin Cool	Portable spot coolers - sales & rental.
RenewAire	Energy recovery ventilators.
Semco	Energy recovery - desiccant wheel and AHU units
Skil-Aire	Small packaged air conditioning units (ducted condensers).
Tandem Chillers	Modular chillers indoor/outdoor, water, and air-cooled. Dry fluid coolers and pump packages.
Tempspec	Vertical "hi-rise" fan coils
Trane	Commercial & industrial heating, ventilating & air conditioning equipment/integrated comfort systems/performance solutions.
Trane Tracer Summit Controls	Digital controls and building automation systems.
Trane Parts Outlet (Des Moines)	Trane & hvac industry parts.
Water Loop	Non-chemical water treatment systems.

HART-HAMMER INC.

Patrick Hart - Jeff Hammer - Lyle Slagle - Dennis Leuwerke - Toni
Nesbit - Kevin Hart - Dean Grant - Martha Raper - Renee Happel
529 Elm Street, P.O. Box 65517, West Des Moines, Iowa 50265
PHONE: (515) 277-6305
FAX: (515) 277-3069

Davenport Office - Al Jorgensen - Sherry Wohlers
PHONE: (319) 355-0928
FAX: (319) 355-1034

<u>Manufacturers Represented</u>	<u>Product Description</u>
AAON	Rooftop single zones - 5-200 tons, packaged penthouse chillers, air-cooled condensing units, small split systems
ACR Systems	Air Quality, Temperature, Relative humidity, current, voltage, and pressure stick-on loggers (recording devices), computer software, CO2 data loggers.
APR Corporation	Energy recovery systems for pools, spas & whirlpools.
Air Link	DDC zone damper systems for packaged heating and cooling equipment.
Air & Refrigeration	Cell-U-Pak humidifiers & eliminators.
Amber Booth	Isolators - floating floors.
American Air Filter	Unit ventilators, heat pumps, PTAC's.

Barry Blower	Centrifugal fans, industrial fans, prop fans, utility sets.
Berko/Aztec	Residential, commercial and industrial electric heating products.
CamFilFarr	Filters, filter housings, clean rooms, specialty filters, nuclear grade HEPA's.
Change Air	Special unit ventilaors - HW/CW, steam, DX & gas fired.
Climate Craft	Custom AHU's, energy recover units
Control Air	Integral face and bypass heating coils & make-up air units.
Delta Flo	Electric duct heaters.
DGH Humidifiers	Self contained humidifiers, chemical free humidifiers.
Des Champs Laboratories	Air to air energy recovery modules & packages, pool dehumidifiers.
FAFCO	Ice storage systems - packaged & built-up.
FanAM	Fans for corrosive environments
Flow Control Industries, Inc.	Pressure independent water flow control valves.
Halton	Specialized kitchen hoods, displacement ventilation products, design software and design assistance.

Imeco	Closed circuit evaporative fluid coolers, evaporative condensers, industrial thermal transfer equipment.
Mars Air Doors	Heated and unheated commercial type air doors for energy and insect control.
McQuay International	Air handling units, chillers, condensing units, coils, unit heaters, fan coils, heat recovery systems, rooftop units, centrifugal chillers, templifiers, incremental room units, heat pumps, computer room air conditioners.
Multistack	Modular water & air cooled chillers.
Penn Ventilator	Exhaust fans, gravity vents, kitchen systems.
Protec Cooling Towers	High efficiency, reinforced fiberglass, induced draft, cooling towers.
Purafil	Odor removal filters, corrosive air filtration units, room pressurization units, deep bed scrubbers, corrosive fume testing service.
RPS	Roof curbs, equipment rails, pipe portal systems.
Rink	Sound traps, plenums, special application air handling units.
Ruskin	Fire & smoke dampers, control dampers, louvers, backdraft dampers, access doors.

SEIHO	Spot diffusers, dryer vents, round double deflection supply registers.
Schott Lab Systems Inc.	kimax lab glass pipe, knight-ware neutralizing sumps.
Spinnaker Industries	Energy recovery ventilators, roof curbs, rooftop screening
Strobic Air Corporation	Laboratory exhaust systems, tri-stack lab exhaust fans, perchloric acid exhaust fans.
SyncroFlo, Inc.	Constant & variable volume, package pumping systems.
Swartwout	Fiberglass gravity ventilators, powered roof & wall, fiberglass dampers, louvers, roof curbs.
TSI	Variable volume fume exhaust hood & room pressurization controls (laboratory, hospital isolation, icu, sicu), portable handheld air velocity, temperature, relative humidity meters.
Titan Air	Direct/indirect gas heating systems, gas unit heaters, gas duct furnaces, energy recovery units, ventilation equipment.
Titus	Registers, grilles, diffusers, boxes, fan powered boxes, specialty surgery room diffuser systems, low temperature diffusers and boxes.
Total Security Solutions	Security products, barrier grilles, maximum security grilles

WattMaster

DDC zone damper systems for packaged heating and cooling equipment

Webco

Custom air handling units, energy recovery units.

HOUK & ASSOCIATES, INC

George Houk – Tim Houk – Steve Ristau
10200 Dennis Drive, Urbandale, IA 50322
PHONE: (515)276-6741
FAX: (515)276-9254

<u>Manufacturers Represented</u>	<u>Product Description</u>
Baltimore Aircoil Company	Cooling towers, closed circuit coolers, evaporative condensers, thermal ice storage systems.
Puroflux	Sand filters, centrifugal separators.
Ronningen-Petter	Liquid bag filters & strainers, automatic backwashing filters.
SWEP	Brazed and double wall domestic water heat exchangers.
Tranter Heat Exchangers	Plate & frame heat exchangers, platecoil tank heaters, welded/brazed heat exchangers.

HVAC RESOURCES, INC.

Jim Kent - Debbie Floyd
2910 Westown Parkway, Suite 110
West Des Moines, Iowa 50266-1308
515-223-9449 (phone)
515-223-1780 (fax)

www.hvac-resources.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
Air Flow Equipment, Inc. units	Custom and modular air handling units
Air Technology, Inc.	Engineered dehumidification systems
Armstrong pumps	Commercial pumps, circulator products, hydronic and commercial specialties, circuit balance valves, sump and sewage pumps, shell and tube heat exchangers, plate and frame heat exchangers, and packaged pressure booster systems.
Captive-Aire Systems, Inc.	Kitchen ventilation, exhaust fans, fire suppression and make up air units
Commercial Acoustics	Sound attenuators and built up housings/panels
Dynaforce	Industrial and commercial air curtains.
Engineered Flexible	Pump connectors, flexible hose

Products, Inc.	and expansion joints
Krueger	Grilles, registers, diffusers and variable air volume boxes
Leader Dampers and Louvers (formerly United Air)	Louvers, dampers, fire dampers, smoke dampers and combination fire/smoke dampers
Louvers and Dampers, Inc.	Louvers, dampers, fire dampers, smoke dampers, combination fire smoke dampers, roof hoods and penthouses
National Systems of Garage Ventilation	Monoxide and welding exhaust systems
The Pate Company	Roof curbs, support rails and pipe portals
Performance Air Products	Thermally powered variable air volume diffusers
Safe-Air/Dowco	Louvers, dampers, fire dampers, smoke dampers and combination fire/smoke dampers
Tangent Air, Inc. (Union Label)	Spiral duct and fittings – galvanized, PVC coated, aluminum and stainless steel
ThermoTek Commercial Ventilation Systems	Direct fired and indirect fired make-up air systems
Twin City Fan Companies	Centrifugal, fiberglass, fume hood exhaust, inline, plenum, propeller wall, tube axial and vane axial fans, power and propeller roof ventilators and utility sets

Unisource Manuf, Inc.	Pump connectors, flexible metal hose, metal expansion joints, rubber expansion joints, Teflon hose and expansion joints, flue duct expansion joints, refrigeration connectors, and exhaust connectors.
United Enertech Corp.	Louvers, dampers, VAV terminals, plenums, access doors, and gravity vents.
Viron International Corp.	Corrosion resistant vertical and horizontal scrubbers, PVC, PP and fiberglass centrifugal fans, corrosion resistant duct and exhaust hoods and corrosion resistant control dampers

HYDRONIC ENERGY, INC.

Kevin Bjornsen - Rick Kapustka
Dale Vest - Bret Wagoner - Caroll Oberender
3307 104th Street, Des Moines, Iowa 50322
PHONE: (515) 276-4935
FAX: (515) 276-1017

www.hydronicenergy.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
Ajax Boilers, Inc.	<u>Ace Div.</u> : gas-fired copper coil water heaters, storage tanks, boilers. <u>Ajax Div.</u> : water tube boilers – hot water, high & low pressure steam. <u>Atlas Div.</u> : high efficiency condensing boilers.
All-Stone	Granite and marble sinks, LAV and tubs
Aero Tech	Hydronic radiant ceiling panels.
Airtherm	Fan coil units (console, ceiling, vertical and stacked).
Alfa-Laval	Plate and frame heat exchangers, brazed and welded heat exchangers.
Brimar	Pipe markers, valve tags, and equipment nameplates.
Canariis	Packaged pumping systems, booster, heat transfer modules.
Colmac Coil Company	Replacement coils, air handlers and condensers, fluid coolers.

Enfield	Chemical waste system, polypropylene flame retardant and non-flame retardant pipe, fittings, drains, and neutralization tanks, Enpure unpigmented natural polypropylene pipe, fittings, and valves for pure water systems, and encase containment piping systems.
Griswold Controls	Piping packages, automatic flow control valves, venturi balancing valves, hose kits, centrifugal solids separators and sand filters.
Heat-Timer	Boiler sequencing/rest controls, snowmelt systems controls, set point controllers, tempering valves, and motorized valves.
Herrmidifier (Trion)	Steam insertion, atomizing and electronic humidifiers.
Kitec	Radiant floor heating systems, snowmelt and potable water piping systems.
Laars	Copper-fin water heaters and boilers, storage tanks, high efficiency (96%) condensing boilers and water heaters, pool boilers.
Mechanical Room Supplies	All types of hydronic & steam system accessories, custom & standard sizes. Code & non-code tanks.
Mepco (Formerly Dunham Bush)	Condensate, boiler feed pumps, vacuum pumps, heating pumps, steam traps, radiator valves, specialties, steam PRV and repair parts.

Metraflex Company	Pump connectors-stainless steel and rubber, compensators, expansion joints, Metrloops, silent check valves, strainers, flow straightening vanes.
Nesbitt Aire	Unit ventilators, coils
Polycast-Strongwell	Modular trench & grate drainage system.
PSI/Linkseal	Link-seal wall penetration seals, wall sleeves, pyro-pac fire seals, pipe insulators and flexible and seals.
PVI Industries, Inc.	Water heaters and storage tanks, high efficiency gas-fired power burners (all fuels),. Atmospheric, electric, steam and hot water energy sources. Fire tube boilers, both water and steam.
Raywall/Fostoria	Electric fin-tube, unit heaters, duct heating and gas infra-red heaters
Rhinoflex by Rovanco	Pre-insulated flexible PEX plastic underground piping system.
Rovanco Corporation	Pre-insulated conduit and containment piping system.
RPS (Roof Product System)	Roof curbs, equipment rails, pipe and duct supports.
Runtal	Architectural flat tube steel radiators (commercial and residential). towel warmers.

Russell Pump	Close coupled, end suction centrifugal, self priming, hot oil, tank mounted centrifugal condensate pumps. Condensate boiler feed pumps with stainless steel tank.
Sisco	Pressure & temperature test plugs, gauges, thermometers.
Skidmore	Boiler feed, condensate return and vacuum heating pumps. Replacement pumps for all manufactures and repair parts.
Speakman	Showerheads, faucets, sensor flow electronics faucets, emergency showers & eyewashes, mixing valves
Stancor	Submersible sump pumps for dewatering, grinder, waste water and oil minder control systems for elevator pits
Sterling	Fin Tube, cabinet unit heaters, convectors, radiant ceiling panels, steam and hot water unit heaters. custom fin-tube enclosure available, as well as light commercial styles and baseboard.
Sulzer/Paco Pumps	End-suction, close-coupled, horizontal split-case, sump, sewage, condensate pumps, vertical inline shaft turbines, and accessories.

Taco, Inc.	Complete line of centrifugal pumps including: horizontal split case, end-suction, in-line pumps, and lubricated in-line circulators, hydronic accessories, heat exchangers, accu-flo balancing valves, zone valves and boiler water level controls.
Vibration Eliminator	Pump Bases, fan & motor bases, isolation curbs, springs hangers.
Weiss Instruments	Pressure gauges, thermometers and P/T test plugs.
J. L. Wingert	Chemical pot feeders, automatic glycol feed systems, and chemical injection pumps.

JOHNSON CONTROLS, INC.

Clint Leonard – Daniel Zaug – Gary Erickson
11318 Aurora Ave., Des Moines, Iowa 50322
PHONE: (515) 252-0100
FAX: (515) 252-0001

<u>Manufacturers Represented</u>	<u>Product Description</u>
Metasys web- and BACnet	Direct Digital Control System with based access. Includes standard N2 LON communication trunks and is compatible.
Pegasys	Cardkey Card Access System. Can be single door stand-alone system or large networked systems. Video badging and CCTV integration available.
Pelco and Bosch Systems CCTV	Closed circuit television cameras with digital recording. JCI also services other manufacturers including Vicon, Panasonic and Phillips.
Metasys IFC Fire Alarm	JCI Intelligent Fire Alarm Systems.
Metasys Compatible Products	Integrations to standard equipment with manufacturers furnished controls including: boilers, chillers, fume hood controls, lighting controllers, power monitoring, PLC's and VFD's. For a complete list of integration partners visit: www.johnsoncontrols.com

Johnson Controls Pneumatics	Pneumatic temperature control systems. JCI also services Honeywell and Powers pneumatic control systems.
Others Services	JCI offers other services including: planned service agreements, vibration analysis, remote alarm monitoring, wireless technology, performance contracting and other financial solutions.

MACK McCLAIN & ASSOCIATES

Jeff Howe – Bob Jedlicka-Dustin Guinn
1450 NE 69th Place, Ste 56, Ankeny, Iowa 50021
PHONE: (515) 288-0184
FAX: (515) 288-5049
Representing Iowa & Nebraska

<u>Manufacturers Represented</u>	<u>Product Description</u>
AB&I	Cast Iron Soil Pipe & Fittings.
Alsons	Personal Handshowers.
Ames Fire & Waterworks	Backflow Preventers, Control Valves
Aqua Bath	Acrylic Barrier Free Showers
Babbitt	Sprockets and Chainwheels
C&S	Stud Guards, Bassett Brackets
Cowtown Gasket Company	Bolt and Gasket Sets
Cresline Plastics	PVC pipe and fittings.
Elkhart Products Company	Copper fittings.
Erico/Michigan Hanger Co	Pipe Supports, Strut and Hangers.
FHP/Kindred	Stainless Steel Sinks
General Wire Company	
General Pipe Cleaners	Tools for Sewer Maintenance.
Gerber	Toilets, Lavs and Faucets
Harris	
Laing Pumps	Circulator Pumps

Murdock Hydrants	Outdoor Hydrants, Showers
Olsonite Rheem/Ruud	Toilet Seats Residential/Commercial Water Heaters
Trac-Pipe	CSST Flexible Gas Piping
TurboTorch	Soldering and Brazing Tools
Watts Regulator Company	Flow control, backflow preventers.
Watts Automatic Control Valves	Pilot Operated Control Valves for Water.
Watts Brass & Tubular	P-Traps, Strainers, Supplies and Specialties.
Watts Drainage Products	Cast iron floor drains, cleanouts, fixture carriers.
Watts WaterPex	Potable Water PEX Tubing and Fittings.
Wolverine	

MECHANICAL SALES, INC.

John Kelly - Jerry Cook
8564 Alice Ave., Suite A, Des Moines, Iowa 50325
PHONE: (515) 276-9005
FAX: (515) 276-8993

www.mechsales.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
Addison Products	Air and water source heating & cooling products, comfort conditioning systems and 100% make-up air systems with energy recovery.
Drake Refrigeration	Air and water cooled packaged or split process water chillers, air cooled condensers.
Governair	Commercial and industrial custom hvac systems.
Hastings	Direct and indirect gas, electric, hydronic and oil fired heating/ventilating and make-up air units. Duct furnaces, unit heaters, warehouse/space heating and heat recovery systems.
Mammoth	Custom penthouse HVAC equipment rooms, untraline roof mounted air handling units, replacement rooftop multi-zone air handling units, variable air volume multi-zone rooftop units, self-contained air handling units, ground coupled and mirror image water source heat pumps.

Rockwell Automation / Vtac Drives	Variable frequency drives, AC & DC variable speed drives, motors & control systems.
Seresco	Dehumidification systems to control the humidity, temperature and air quality in natatoriums.
Strionair	High efficiency, low pressure, germicidal air filtration system.
Systecon	Commercial & industrial packaged water pumping and control systems.
Temtrol	Commercial & industrial custom air handling products.
Venmar	Energy recovery products

MID AMERICA SALES GROUP, INC.

Tim Schultz – Mike Gillespie – Frank Leopold
11107 N.W. 51st Place, Grimes, Iowa 50111
PHONE: (515) 986-9446
FAX: (515) 986-3552

www.midamgrp.earthlink.net

<u>Manufacturers Represented</u>	<u>Product Description</u>
Basco	Shower doors of elegance.
Bradford White	Water heaters, residential & commercial.
Brass Craft	Supplies, fitting and gas connectors.
Delta Faucet	Full line residential and commercial faucet and showers.
Febco	Backflow preventers, horizontal and vertical.
Freedom Plastics	PVC pipe and fabricated fittings.
Grundfos Pumps	Circulator, booster and sump and sewage pumps.
Insinkerator	Residential and commercial disposers and hot water dispensers.
Mansfield	Enameled steel lavs, sinks, tubs and china lavs & closets.
Mueller Steam Specialties	Strainers, check valves, butterfly valves.
Safe T Cover	Heated enclosures for backflow preventers.

Swirlway

Whirlpools, shower bases.

Spirotherm

Air eliminators for hydronic systems.

MIDWEST MECHANICAL SOLUTIONS, INC.

Bret Riemenschneider - bret@mmstwincities.com - (952)-525-2034
Matt Jacobsen – matt.jacobsen@mmstwincities.com - (952)-525-2062
Mark Muhlstein – mark.muhlstein@mmstwincities.com - (952)-525-2033
Patrick Peterson - pat.peterson@mmstwincities.com - (952)-525-2035

5831 Cedar Lake Road, Minneapolis, MN 55416
PHONE: (866) 667-4822 – (866) MMS-HVAC
FAX: (952)738-5225

www.mmstwincities.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
Aerofin Coils	Commercial and industrial coils, integral face and bypass coils.
Amtech	Computer room units, indoor air handlers.
CAREL USA	Steam, electric, electronic, gas and air atomizing humidifiers
Delta 'P' Valves	Pressure independent flow control valves.
Epsilon Industries	Custom factory packaged systems including chillers, boilers, pumps, piping and complete penthouses
Haakon Industries	Quality custom air handlers, energy recovery air handlers.
Miller-Leaman	HVAC process and water filtration.
Purolator Filtration Systems	Filter housings and filters, HEPA filters.

Seasons 4 Custom Rooftop Units	Direct replacement rooftop units, custom DX rooftops with enthalpy wheels.
Tamco Dampers	Low-leakage control dampers, insulated outside air dampers and louvers.
Tek-Air Systems	Airflow measuring systems
Thermolec	Electric Duct Heaters.
Tough Guard Manufacturing	Rooftop screening systems.
Aerovent Fans	Axial and centrifugal fans, fiberglass fans, direct and belt-drive quiet axial fan.
VAW Systems	Acoustical housings and panel systems, duct and fan attenuators.
Xetex, Inc.	Flat plate and enthalpy wheel energy recovery systems.
Yaskawa	Variable frequency drives.

MILLENNIUM TECHNOLOGY OF IOWA

Don Stanek - Dave Johnson - Connie Dowling
1454 30th Street, 207 West Winds, West Des Moines, Iowa 50266
PHONE: (515) 223-6048
FAX: (515) 223-7269

<u>Manufacturers Represented</u>	<u>Product Description</u>
Airedale North America	Classroom packaged vertical heat pump, energy recovery ventilator
Air Monitor Corporation	Room pressurization controls. Airflow measuring stations and probes.
Arctichill	Modular chillers; air & water-cooled 1-1,000 ton
American Ultraviolet	UV-C ultraviolet light systems.
Asea Brown Boveri (ABB)	Variable frequency drives.
Banza Air Management	Direct fired and Indirect fired MUA.
Belimo Air Controls	Direct-coupled electric actuators direct-coupled hydronic valves.
Blender Products	"Air Blender" airstream destratifiers.
BossAire, Inc.	Energy recovery units.
Breidert Air Products	Full line ventilation fans.
Bry-Air Corporation	Desiccant dehumidifiers.
Circulaire	Gas phase air filtration and bi-polar ionization air cleaner.
Contamination Technology	Bag-in/bag-out filter systems.

Desert Aire	Refrigeration dehumidifiers, "TotalAire" outside air heat pump dehumidifier with enthalpy wheel.
Detroit Radiant Products	"Re-Verber Ray" gas radiant heaters.
Fabric Air	Fabric duct.
Flow Measurement Technology	Electronic airflow measurement stations.
Flow Safe	VFV high performance lab fume hoods
Harrington	FRP, scrubbers, duct & accessories.
LJ Wing Company	Steam/gas/hot water heaters, integral face & by-pass coils.
Palmetto Humidification	High pressure fog humidification.
P.M. Wright	"Heat Pipe", energy recovery units and dehumidification.
Precision Air Products Co.	Surgery & isolation room air diffusion systems.
Pure Humidifier Co	Steam injection, electric, gas, & steam to steam humidifiers.
Rapid Engineering, Inc.	Direct gas fired pressurization industrial heaters.
Redd-i, Inc.	Electric duct heaters, Fan Powered VAV units.
Robur Corporation	"Serval" gas-fired air-cooled chiller and chiller/heater.

Thermal Corporation	Modular AHU
United Enertech	Louvers and dampers.
Vent Aire	Vehicle & source capture fume exhaust systems
Vibro-Acoustics	Custom duct silencers, custom acoustic AHU.
Vulcain Alarm Inc.	Toxic gas and refrigerant detectors systems.
Warren Manufacturing	“Intellivent” personal VAV diffusers “Valid-Air” IAQ diffusers.
Woods, Ltd./American Fan	Vane axial & industrial fans.

MILLER MECHANICAL SPECIALTIES, INC.

Craig Miller - Doug Miller
510 Murphy St., P.O. Box 1613, Des Moines, Iowa 50306
PHONE: (515) 243-4287
FAX: (515) 243-7313

<u>Manufacturers Represented</u>	<u>Product Description</u>
Barco	Venturi Tubes, Ball Joints, Rotary Joints.
Clark-Reliance	Steam Traps, Strainers, Boiler Water Columns.
Delta	Non-corrosive cooling towers, up to 200 tons.
Endress & Hauser	Level, flow, pressure/DP temperature, and analytical.
Helicoid	Pressure Gauges, Diaphragm Seals.
Holz Rubber	Pump Connectors, Expansion Joints.
Hyspan	Expansion Joints, Expansion Compensators, Pump Connectors.
Kunkle	Safety & Relief Valves.
Lakewood Systems	Automatic Cooling Tower Water Treatment Systems, Automatic Boiler Blowdown Systems.
Masoneilan	Regulators, Control Valves.
Schlumberger	Gas Meters and Regulators, Industrial Coriolis and Vortex Meters.

Thermox	Boiler O2 and Combustibles Sensors.
Taylor	Thermometers, Hygrometers, Hydrometers.
Tower Tech	Cooling Towers.
Toshiba	Liquid Density Meters and State-of-the-Art Mag Flowmeters.

PRECISION TEST & BALANCE, INC.

Phil Doud - Dan Doud
14241 Elmcrest Ct
Clive, Iowa 50325
PHONE: (515) 288-2332
FAX: (515) 222-0613

Manufacturers Represented

Product Description

National Environmental
Balancing Bureau (NEBB)

Air & Hydronic Testing & Balancing
Duct Leakage Testing

PRODUCTS, INCORPORATED

Steve Furtwangler - Doyle Bunting - Bruce Berlin
Brent Johnson - Paul Hartke
1429 2nd Avenue, P.O. Box 942, Des Moines, Iowa 50314
PHONE: (515) 288-5738
FAX: (515) 288-2574

EMAIL: generald@products-inc.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
Acutherm	VAV diffusers.
Bell & Gosset	Pumps, heat transfer & heating specialties.
Cemline	Tanks & heaters.
Compax	Modular chillers.
Conspec	Gas detection equipment
Danfoss	Zone control valves.
Danfoss/Graham	Variable speed drives.
Domestic Pump	Condensate & boiler feed equipment.
Donco	Plenum diffusers
Dow Chemical	Glycol
Flexmaster	Flexible duct.
Flexweld	Expansion joints.
FOF	Collapsible air duct.

Greenheck	Fans, louvers, dampers, make-up air.
Hoffman Specialty	Steam specialties & pumps.
Miljoco	Thermometers & gages
International Fan Coil	Fan coils.
McDonnell & Miller	Boiler controls.
Metal Aire	VAV Boxes, grilles, registers and diffusers.
Minnesota Flexible	Pump connectors.
Nalco	Water treatment.
Nexus	Automatic flow controls
Nortec	Humidifiers.
PPH	Roof pipe supports and walkways.
Potter-Roemer	Fire protection equipment.
Semco	Spiral duct and sound enclosures.
Smith, Jay R. Mfg. Co.	Drains/trench drains.
Smith Filters	Air filters.
Streamflo	Strainers, check valves.
Thy Curb	Curbs & bases.
Vibration Mountings	Vibration isolation.
Wessels	Custom tanks.

RIST & ASSOCIATES, INC.

Scott Rogers - Sandy Rogers - Brian VandeVenter
Steve Rogers – Scott Goheen – Anthony Hill
4 Washington, P.O. Box 1807, Des Moines, Iowa 50306
PHONE: (515) 243-8720
FAX: (515) 243-8714

www.ristandassociates.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
Air Concepts	Specialty diffusers.
Ares	Direct and indirect gas fired make-up air systems.
Arrow United	Low leak dampers, industrial dampers, louvers .
CESCO-Products	Duct & ceiling access doors, walk-in doors, louvers, fire dampers, hoods & penthouses.
Composite Fan Technology	FRP fiberglass reinforced plastic fans, blowers, louvers, and dampers.
DSP - Monoxivent	Welding exhaust/ source capture, collection systems, vehicle exhaust - auto, truck, and emergency vehicle.
Donco Air Products	Slot diffusers, plenum and specialty grilles.
DuctSox	Fabric air duct and dispersion products.
Dwyer	Controls & gauges.

Dynasonics	Sound attenuation and acoustical panels
Ebtron	Electronic air flow measurement systems.
Exothermics	Air-to-air energy recovery systems.
Kees, Inc.	Kitchen hoods & miscellaneous sheet metal products, access doors, slot diffusers, and air blenders.
Loren Cook	Roof, prop, utility, centrifugal & industrial fans & blowers.
Markel Products	Electric reheat: duct coils, infrared, commercial/industrial cabinet, ceiling, baseboard and wall heaters.
Mars Air Doors	Air doors & fly fans.
Metal Fab	B-vent, positive pressure boiler stacks, no-chase grease duct.
Norlock	Round & flat oval spiral pipe & fittings, acoustical round & oval duct & fittings, pvc duct & fittings.
Perry Fiberglass	FRP fiberglass reinforced plastic duct and fittings.
Prefco Products, Inc.	Fire, fire/smoke, and ceiling radiation dampers.
Pottorff	Fire, smoke, control and back draft dampers, access doors, louvers and penthouses.

Price Industries	Variable air volume boxes, registers, grilles, and diffusers.
Ruskin Sound Control	Sound attenuators and acoustical plenums.
Roof Products and Systems	Roof curbs, support rails, expansion joints, and pipe portals.
Thermaflox	Insulated and non-insulated flexible duct.
Toxalert	Gas detection systems, sensors, and controls.
Ventmaster	Kitchen exhaust hoods; high velocity centrifugal and water wash.
Vent Products Co.	Louvers, dampers, shutters, penthouses, roof hoods, roof curbs, portals, and rails.
Vent-A-Kiln	Heat and fume exhaust hoods, fans, systems, and controls.
Vibration Eliminator Co.	Isolation pads, hangers, bases, and floors.
Ward Industries, Inc.	Duct connection flange, corners, and hardware.
Weksler Instruments	Thermometers and pressure gauges.
Wood-Ja	Premium hardwood grilles, registers, and diffusers.
Young Regulator	Specialty dampers, remote control operators and hardware.

R.S. STOVER COMPANY

Dan Hampton - James Wahlert – Geoff Schive
Mark Hoffman – Steve Morlan - Troy McIntyre
3809 South Center Street, Box 398, Marshalltown, Iowa 50158
PHONE: (641) 753-5557
FAX: (641) 752-7977

<u>Manufacturers Represented</u>	<u>Product Description</u>
Badger Meter	Liquid flow meters, transmitters, mag meters, batch controllers.
Controlotron	Non-intrusive, clamp-on ultrasonic liquid flowmeters.
Design Tanks	Fiberglass tanks, vertical & horizontal, standard and custom applications.
Dollinger Filter	Fine filtration of air, gases, liquids. coalescing filters.
EI-O-Matic and Bettis	Pneumatic and electric actuators.
Fisher Controls	Pressure regulators for air, fuel gases, liquids and steam.
Jerguson Gage & Valve Co.	Liquid sight level gages, magnetic level gages.
Keystone	Soft seated butterfly valves.
Lakos Seperators	Centrifugal separators for filtration
Leser	Safety relief valves. of fine solids from liquids.
Magne-Sonics	Level switches and transmitters

The Marley Cooling Tower Co.	Cooling towers, ozone treatment, and control systems.
Miller-Leaman	Stainless steel strainers.
Paul Mueller Co.	Plate & frame heat exchangers, ice harvester/chiller. Template heat exchanger.
Peerless Pumps	End suction, horizontal split case, in-line, vertical turbine, sump and sewage pumps.
PEP	Sand filters and absorption technologies for cooling towers, HVAC and process water.
R.P. Adams Co.	Automatic liquid strainers, after coolers, compressed air reheat systems.
Recold	Fluid coolers/ evaporative condensers.
Stonel	Limit switches and two-wire valve communications.
Yaskawa	Variable frequency drives.

SPECIFIED SYSTEMS, INC.

7405 University #1, Des Moines, IA 50325

PHONE: (515) 277-6000

FAX: (515) 277-1862

Manufacturer's Represented **Product Description**

HEATING

A.O. Smith (IA & NE)	Commercial/residential water heaters, boilers, storage tanks.
Comfort Aire (IA & NE)	Geothermal, Mini-Splits, PTAC's
Centure (IA & NE)	Residential & Commercial Furnaces & Air Conditioners
Gastite (IA, NE, MO, KS)	Corrugated stainless steel gas tubing.
Honeywell Sparco (IA, NE, MO, KS, IL)	Hydronic & Plumbing Specialties
Honeywell Braukmann (IA, NE, KS, MO, IL)	heating Valves & Controls
rFoil (IA, NE, MO, KS, IL)	Bubble Foil Insulation, Firestop & Sealants
Triangle Tube Phase III (IA & NE)	Heat Exchangers, Storage Tanks
VRV (IA, NE, MO, IL)	Fan conductors & kickspace heaters.
Weil McLain (IA, NE, MO, IL)	Cast iron water & steam boilers , plate & tube heat exchangers.
Wirsbo (IA, NE, KS, MO)	Radiant floor htg & snowmelt systems & plumbing systems.

PLUMBING

Guardian (IA, NE)	Emergency equipment.
Halsey Taylor (IA, NE)	Water coolers & drinking fountains.
Josam (IA, NE)	Drains & carriers.
Just (IA, NE)	Stainless steel sinks.
Pearl Bath (IA, NE)	Acrylic whirlpools.
Rockford Sanitary (IA, NE)	Grease & oil separators.
MAAX (IA & NE)	Acrylic/Fiberglass Showers, Whirlpools
Sloan (IA)	Flush valves, manual & electronic.
Stern Williams (IA)	Mop basins, shower receptors.
T&S Brass (IA, NE)	Faucets, fittings, lab equipment.

SYSTEMS MANAGEMENT & BALANCING, INC.

Odean Jukam - Don Kleinschmit - Jim Hall
2873 104th Street, Urbandale, Iowa 50322-3814
PHONE: (515) 270-8755
FAX: (515) 270-8756

jimh@hvactab.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
Associated Air Balance Council (AABC)	Airflow surveys, air balancing, water balancing, system commissioning
Cooling Tower (CTI)	Cooling tower testing, systems commissioning

TIM HILDRETH COMPANY, INC.

Tim Hildreth (Sales) Jonas Hildreth (Sales)
Tiffany Petersen (Inside Sales & Service Parts)
PO Box 185, Norwalk, Iowa 50211
PHONE: (515) 287-5882
FAX: (515) 287-0959

<u>Manufacturers Represented</u>	<u>Product Description</u>
Buderus Boilers	SB Series - condensing high efficiency boilers. G Series - thermostream shockproof cast iron sectional boilers for hot water applications.
Hurst Boiler Co.	Cyclone series vertical flue-less boiler Series 45 & 100 Firebox boiler Series 400 - 3 pass scotch marine boiler Series 500 - 4 pass scotch marine boiler DA tanks, blow-down separators, & feed tanks
Lockwood Products	Single & Duplex Feed tank systems, DA tanks, and Condensate Return Tanks.
Patterson-Kelly	Thermific gas fired hot water boilers – high efficiency compact boilers that will fit through a 30” doorway. Mach series – condensing hot water boiler, whisper quiet, 92% efficiency at standard conditions and 99% efficient at low temperature and partial load conditions.

Power Flame Burners	<p>X4 – small diameter gas burners</p> <p>JA – small to medium range gas burners</p> <p>C – high performance gas, oil, gas/oil burners</p> <p>Cmax – high capacity gas, oil, gas/oil burners</p> <p>CX – small diameter tube immersion burners.</p> <p>FD.FDM – high turndown direct or indirect fired air heating gas burners</p> <p>Lead/lag systems, burner parts, and many other controls.</p>
Rite Boilers	Compact water tube boilers. steam/hot water.
Smith Boiler	Cast iron sectional boilers. steam/hot water
Triad Boilers	Modular vertical fire tube boilers for hot water and steam.
Unilux Boiler	Flex tube boilers steam/hot water (field erect).
Water King	Water softeners.

TRABUE INDUSTRIAL SYSTEMS

Tim Houk (Sales) - Lonnie Stringer (Service)
1840 1/2 Fuller Road, West Des Moines, Iowa 50265
PHONE: (515) 223-9034
FAX: (515) 223-8984

www.trabue.com

<u>Manufacturers Represented</u>	<u>Product Description</u>
Cleaver-Brooks Family of Companies	Firetube, watertube, and electric boilers. full condensing hot water boilers. deaerators and boiler feed systems. blow down and chemical feed systems. frofire and profire packaged burners.
Nebraska Boiler	Industrial watertube boilers offering O, A, and D-type from 10,000 to 275,000 lbs/hr.
Energy Reovery International	Heat recovery steam generators, and fluid heaters for a wide variety of waste heat applications.
Industrial Combustion	Produces packaged gas and oil burners from 0.3 to 63 MMBtu/Hr.
NATCOM	Produces high-efficiency low and ultra-low emission burners from 20 to 600 mmbtu/hr.
AMPCO	Single-, double- and triple-wall chimney systems, b-vent and grease ducts.

Cannon Boiler Works, Inc.	Feedwater heaters, economizers, vent condensers, stand-alone superheaters & waste heat boilers.
Columbia Boiler Company	Commercial and Industrial horizontal and vertical steam boilers.
Marlo	Commercial and industrial water treatment equipment including: water softeners, filters, dealkalizers, and reverse osmosis systems.
Pennsylvania Separator Co.	Steam separators, exhaust silencers, and heat recovery systems for low and high pressure boilers.

PRODUCT LISTINGS & THEIR REPRESENTATIVES

ACCESS DOORS

Air Balance **Applied Mechanical Products, Inc.**
Cesco..... **Rist & Associates, Inc.**
Flexmaster..... **Brilco, Incorporated**
Kees, Inc..... **Rist& Associates, Inc.**
Nailor. **Brilco, Incorporated**

AIR CLEANERS, ELECTRONIC

Car-Mon Products, Inc... **Applied Mechanical Products, Inc.**
Circular.....**Millennium Technology of Iowa**
Cosa-Tron.....**Data Power Technology Corp.**
United Air Specialists.....**Air Equipment Sales, Inc.**

AIR CONDITIONERS, AIR COOLED CONDENSING UNITS

Addison..... **Mechanical Sales, Inc.**
Dunham Bush **Brilco, Incorporated**
Lennox Industries **Lennox Industries, Inc.**
McQuay International **Hart-Hammer, Inc.**
Mitsubishi.....**Halvorson Trane**
Skil-Aire **Halvorson Trane**
Sterling **Affiliated Steam Equip Co.**
Trane. **Halvorson Trane**
York International **Data Power Technology Corp.**

AIR HANDLING UNITS, CENTRAL STATION/CUSTOM

Air Flow Equipment Co..... **HVAC Resources, Inc.**
Colmac Coil Co..... **Hydronic Energy, Inc.**
Dunham Bush **Brilco, Incorporated**
Energy Labs **Brilco, Incorporated**
Haakon Industries..... **Midwest Mechanical Solutions, Inc.**
Heatex **Halvorson Trane**
Mammoth..... **Mechanical Sales, Inc.**
M&I Air Systems **Applied Mechanical Products, Inc.**
MarCraft..... **Brilco, Incorporated**
McQuay International **Hart-Hammer, Inc.**
Temtrol..... **Mechanical Sales, Inc.**
Trane **Halvorson Trane Company**

Webco..... Hart-Hammer, Inc.
York InternationalData Power Technology Corp.

AIR CONDITIONERS, COMPUTER ROOM

APC.....Brilco, Incorporated
AmtechMidwest Mechanical Solutions, Inc.
Canatal.Halvorson Trane
Concept & Designs..... Data Power Technology, Inc.
Data-Aire..... Applied Mechanical Products, Inc.

AIR CONDITIONERS, GAS FIRED

McQuay International Hart-Hammer, Inc.
Robur Corp.Millennium Technology of Iowa
TraneHalvorson Trane

AIR CONDITIONERS, ROOFTOP MOUNTED

Aaon Hart-Hammer, Inc.
Addison..... Mechanical Sales, Inc.
Lennox IndustriesLennox Industries, Inc.
Mammoth..... Mechanical Sales, Inc.
Seasons 4.....Midwest Mechanical Solutions, Inc.
TraneHalvorson Trane
York InternationalData Power Technology Corp.

AIR CONDITIONERS, SELF CONTAINED

Des Champs Technologies Midwest Mechanical Supply
Lennox.....Lennox Industries, Inc.
McQuay International Hart-Hammer, Inc.
Movin Cool.....Halvorson Trane
TraneHalvorson Trane
York InternationalData Power Technology Corp.

AIR CURTAINS & DOOR HEATERS

CataDyne Corportion.....Affiliated Steam Equip Co.
Greenheck Products, Incorporated
Mars Air Doors..... Hart-Hammer, Inc.
Mars Air Doors..... Rist & Associates, Inc.
Modine Manufacturing Co. Capitol R & D, Inc.
Raywall Hydronic Energy, Inc.
Weather Rite..... Brilco, Incorporated

LJ Wing.....Millennium Technology of Iowa

AIR SCRUBBERS

Harrington.....Millennium Technology of Iowa
Scutte & Koerting.....Affiliated Steam Equip Co.
TrimerAir Equipment Sales, Inc.

BACKFLOW PREVENTORS & ACCESSORIES

Conbraco Hydronic Energy, Inc.
Febco..... Mid America Sales Group, Inc.
Safe T Cover Mid America Sales Group, Inc.
Watts..... Mack McClain & Associates, Inc.

BLOWERS, INDUSTRIAL

ACME. Brilco, Incorporated
Advanced.....Affiliated Steam Equip Co.
Barry Hart-Hammer, Inc.
Loren Cook..... Rist & Associates, Inc.
Wm. Meyer & SonAir Equipment Sales, Inc.
Trane. Halvorson Trane
Twin City Fan.....Air Equipment Sales, Inc.
Twin City Fan and BlowerApplied Mechanical Products, Inc.

BOILER ECONOMIZERS & HEAT RECOVERY

Cain Industries.....Affiliated Steam Equip Co.
Canon Boiler Works..... Trabue Industrial Systems

BOILER FEED, BLOWDOWN, CONTROLS, & ACCESSORIES

BFS Industries Capital R&D, Inc.
Cleaver-Brooks..... Trabue Industrial Systems
Domestic Pump Products, Incorporated
Fulton Boiler Co. C.H. McGuiness Company, Inc.
HeatfabFeld-Hazer & Associates, Inc.
Heat-Timer..... Hydronic Energy, Inc.
Lakewood Miller Mechanical Specialties, Inc.
Lattner Boiler Co..... C.H. McGuiness Company, Inc.
L.E.S., Boilers..... Capitol R & D, Inc.
Lockwood..... Tim Hildreth Company, Inc.
McDonnell & Miller..... Products, Incorporated
Mepco Hydronic Energy, Inc.

Pennsylvania Separator **Trabue Industrial Systems**
 Raypak, Inc..... **C.H. McGuinness Company, Inc.**
 Roth Pump.....**Deco Engineering Products, Inc.**
 Sellers..... **C.H. McGuinness Company, Inc.**
 Sterling.....**Affiliated Steam Equip Co.**

BOILERS, ELECTRIC & ELECTRODE

Cleaver-Brooks..... **Trabue Industrial Systems**
 Fulton..... **C.H. McGuinness Company, Inc.**
 Indeeco**Halvorson Trane**
 Lattner..... **Affiliated Steam Equip Co.**
 Lattner Brasch **C.H. McGuinness Company, Inc.**
 PVI **Hydronic Energy, Inc.**
 Weil McClain..... **Specified Systems, Inc.**

BOILERS, GAS & OIL

A.O. Smith **Specified Systems, Inc.**
 A.O. Smith. **City Supply Corp.**
 Ace Boiler Inc. **Hydronic Energy, Inc.**
 Aerco **Feld-Hazer & Associates, Inc.**
 Ajax Boiler **Hydronic Energy, Inc.**
 Atlas Boiler. **Hydronic Energy, Inc.**
 Bryan **C.H. McGuinness Company, Inc.**
 Buderus **Tim Hildreth Company, Inc.**
 Burnham **C.H. McGuinness Company, Inc.**
 Cleaver-Brooks..... **Trabue Industrial Systems**
 Columbia Boiler Company..... **Trabue Industrial Systems**
 DeDietrich Boiler..... **Tim Hildreth Company, Inc.**
 Fulton Boiler **C.H. McGuinness Company, Inc.**
 Hurst Boiler Co. **Tim Hildreth Company, Inc.**
 L.E.S. Boilers **Capitol R & D, Inc.**
 Lattner..... **Affiliated Steam Equip Co.**
 Laars..... **Hydronic Energy, Inc.**
 Nebraska Boiler **Trabue Industrial Systems**
 Patterson-Kelly **Tim Hildreth Company, Inc.**
 PVI **Hydronic Energy, Inc.**
 RBI..... **Capitol R & D, Inc.**
 Rite Boilers **Tim Hildreth Company, Inc.**
 Sellers..... **C.H. McGuinness Company, Inc.**
 Slant/Fin Corp..... **City Supply Corp.**

Smith..... Tim Hildreth Company, Inc.
 Thermal Solutions..... C.H. McGuinness Company, Inc.
 Triad..... Tim Hildreth Company, Inc.
 Unilux Boiler Tim Hildreth Company, Inc.
 Weil McLain Specified Systems, Inc.

BURNERS & COMBUSTION CONTROLS

Asco Valver Affiliated Steam Equip Co.
 Fireye.....Deco Engineering Products, Inc.
 Gordon-Piatt C.H. McGuinness Company, Inc.
 Industrial Combustion..... Trabue Industrial Systems
 Nat-Com Trabue Industrial Systems
 Power Flame Tim Hildreth Company, Inc.

CHILLERS, WATER

Compax Products, Incorporated
 Sterling..... Affiliated Steam Equip Co.
 Drake Refrigeration..... Mechanical Sales, Inc.
 Dunham Bush..... Brilco, Incorporated
 Filtrine Halvorson Trane
 McQuay International Hart-Hammer, Inc.
 Multistack..... Hart-Hammer, Inc.
 Multistack..... Capitol R & D, Inc.
 Robur Corporation Millennium Technology of Iowa
 Trane. Halvorson Trane
 York International Data Power Technology Corp.

CHIMNEYS, BREECHING, REFRACTORIES, VENTS & ACCESSORIES

AMPCO..... Trabue Industrial Systems
 Exhausto..... Capitol R & D, Inc.
 Heat-Fab..... C.H. McGuinness Company, Inc.
 Metalfab Rist & Associates, Inc.
 Schebler Co. Capital R&D, Inc.
 Van Packer C.H. McGuinness Company, Inc.

CLASSROOM UNIT VENTILATORS

Airedale North America Millennium Technology of Iowa
 American Air Filter Hart-Hammer, Inc.
 Change Air..... Hart-Hammer, Inc.

Modine **Affiliated Steam Equip Co.**
York International **Data Power Technology Corp.**

COILS, COOLING, HEATING & DIRECT EXPANSION

Advanced..... **Affiliated Steam Equip Co.**
Aerofin **Midwest Mechanical Solutions, Inc.**
Dunham Bush..... **Brilco, Incorporated**
Colmac..... **Hydronic Energy, Inc.**
Control Air..... **Hart-Hammer, Inc.**
Heatcraft **Capitol R & D, Inc.**
Marlo..... **Affiliated Steam Equip Co.**
McQuay International **Hart-Hammer, Inc.**
RAE **Brilco, Incorporated**
Trane. **Halvorson Trane**
USA Coil **Feld Hazer & Associates**
LJ Wing Co. **Millennium Technology of Iowa**
York International **Data Power Technology Corp.**

COILS, ELECTRIC DUCT

Brasch Manuf. Co..... **Applied Mechanical Products, Inc.**
BTU..... **Brilco, Incorporated**
Delta-Flo **Hart-Hammer, Inc.**
Indeeco **Halvorson Trane**
Raywall **Hydronic Energy, Inc.**
Reddi, Inc. **Millennium Technology of Iowa**
Warren **Midwest Mechanical Solutions, Inc.**

COMPRESSORS, REFRIGERATION

McQuay International **Hart-Hammer, Inc.**
Trane. **Halvorson Trane**
York International **Data Power Technology Corp.**

CONDENSING, REFRIGERATION

Baltimore Air Coil..... **Houk & Associates, Inc.**
Dunham Bush..... **Brilco, Incorporated**
Imeco **Hart-Hammer, Inc.**
McQuay International **Hart-Hammer, Inc.**

Recold..... R.S. Stover Co.
 Sterling.....Affiliated Steam Equip Co.
 Trane.Halvorson Trane

CONTROLS, ACTUATORS & OPERATORS, AUTOMATIC

Andover Control Installations of Iowa, Inc.
 Belimo.....Millennium Technology of Iowa
 El-O-Matic..... R.S. Stover Co.
 Invensys..... The Baker Group
 Johnson Controls..... Johnson Controls
 Powers/WattsFluid Technology Corporation
 Siemens / Powers Controls Siemens Building Tech.
 Spence..... Affiliated Steam Equip Co.
 Trane Tracer Summit.....Halvorson Trane

**CONTROLS, BUILDING AUTOMATION & ENERGY
 MANAGEMENT**

Andover Control Installations of Iowa, Inc.
 Apogee Automation/Powers/ControlsSiemens Building Tech.
 Automated LogicAutomated Controls of Iowa, Inc.
 Invensys..... The Baker Group
 Johnson Johnson Controls
 Kreuter Control Installations of Iowa, Inc.
 TAC/CSI..... Control Masters, Inc.
 Trane Tracer Summit.....Halvorson Trane

CONTROLS, EQUIPMENT

ABB.....Millennium Technology of Iowa
 ACR Systems Hart-Hammer, Inc.
 Addison..... Mechanical Sales, Inc.
 Air MonitorMillennium Technology of Iowa
 Apogee Automation/Powers ControlsSiemens Building Tech.
 Automated LogicAutomated Controls of Iowa, Inc.
 Belimo.....Millennium Technology of Iowa
 Danfoss.....Halvorson Trane
 Ebtron Rist & Associates, Inc.
 Flow Meas. Tech.Millennium Technology of Iowa
 Griswold..... Hydronic Energy, Inc.
 Heat-Timer..... Hydronic Energy, Inc.
 Johnson Controls..... Johnson Controls

Marsh Bellofram **Fluid Technology Corporation**
 Skidmore..... **Hydronic Energy, Inc.**
 Stonel..... **R.S. Stover Co.**
 Tek-Air Systems **Midwest Mechanical Solutions, Inc.**
 Trane Tracer Summit..... **Halvorson Trane**
 TSI **Hart-Hammer, Inc.**

COOLING TOWERS

Baltimore Air Coil..... **Houk & Associates, Inc.**
 Delta **Miller Mechanical Specialties, Inc.**
 Marley **R.S. Stover Co.**
 Protec **Hart-Hammer, Inc.**
 Recold..... **R.S. Stover Co.**
 Tower Tech..... **Miller Mechanical Specialties, Inc.**

DAMPERS, AIR VOLUME & CONTROL

Air Link..... **Hart-Hammer, Inc.**
 American Warming **Applied Mechanical Products, Inc.**
 Andover **Control Installations of Iowa, Inc.**
 Arrow United **Rist & Associates, Inc.**
 Cesco Products **Rist & Associates, Inc.**
 Johnson Controls..... **Johnson Controls**
 Leader Dampers & Louvers..... **HVAC Resources, Inc.**
 Louvers and Dampers, Inc. **HVAC Resources, Inc.**
 Nailor. **Brilco, Incorporated**
 Prefco **Rist & Associates, Inc.**
 Ruskin..... **Hart-Hammer, Inc.**
 Ruskin..... **Halvorson Trane**
 Safe-Air/Dowco..... **HVAC Resources, Inc.**
 United Enertech Corp. **HVAC Resources, Inc.**
 Vent Products **Rist & Associates, Inc.**
 Viron International Corp..... **HVAC Resources, Inc.**
 Young Regulator..... **Rist & Associates, Inc.**
 WattMaster **Hart-Hammer, Inc.**

DAMPERS, FIRE & SMOKE

Air Balance **Applied Mechanical Products, Inc.**
 Cesco Products **Rist & Associates, Inc.**
 Leader Dampers & Louvers..... **HVAC Resources, Inc.**
 Louvers and Dampers, Inc. **HVAC Resources, Inc.**

Nailor **Brilco, Incorporated**
Ruskin **Hart-Hammer, Inc.**
Safe-Air/Dowco **HVAC Resources, Inc.**

DEAERATORS

Domestic Pump **Products, Incorporated**
Marley **R.S. Stover Co.**
Potorff **Rist & Associates, Inc.**
Sellers **C.H. McGuiness Company, Inc.**
Shipco **Affiliated Steam Equip Co.**

DEHUMIDIFIERS

Air Technology, Inc. **HVAC Resources, Inc.**
APC/Airflow **Brilco, Incorporated**
APR Corporation **Hart-Hammer, Inc.**
Bry-Air **Millennium Technology of Iowa**
Dectron **Data Power Technology Corp.**
Desert-Aire **Millennium Technology of Iowa**
Des Champs Labs **Hart-Hammer, Inc.**
Heatpipe Technology **Data Power Technology Corp.**
PoolPak **Brilco, Incorporated**
Seresco **Mechanical Sales, Inc.**

DRAINS, FLOOR & ROOF

Josam **Specified Systems, Inc.**
J.R. Smith **Products, Incorporated**
Polycast - Strongwell **Hydronic Energy, Inc.**
Watts Drainage **Mack McClain & Associates, Inc.**

DUCTS FABRIC

Ductsox **Rist & Associates, Inc.**
Fabric Air **Millennium Technology of Iowa**
FOF **Products, Incorporated**
FOF **Brilco, Incorporated**

DUCTS, FIBERGLASS & GLASS

American Grating **Fluid Technology Corporation**
Harrington Ind. **Millennium Technology of Iowa**

Perry Fiberglass **Rist & Associates, Inc.**
Viron International Corp.....**HVAC Resources, Inc.**

DUCTS, FLEXIBLE

Flexmaster..... **Products, Incorporated**
Flexmaster.....**Brilco, Incorporated**
Master Duct..... **Brilco, Incorporated**
Thermaflex..... **Rist & Associates, Inc.**

DUCTS, SPIRAL

Lindab..... **Brilco, Incorporated**
Norlock..... **Rist & Associates, Inc.**
Semco..... **Products, Incorporated**
Tangent Air, Inc.....**HVAC Resources, Inc.**

ENERGY RECOVERY UNITS

Airdale North America**Millennium Technology of Iowa**
Circulaire.....**Millennium Technology of Iowa**
Colmac Heat Pipe.....**Hydronic Energy, Inc.**
ERV**Data Power Technology Corp.**
RenewAire.....**Halvorson Trane**
Semco.....**Halvorson Trane**
Spinnaker Industries..... **Hart-Hammer, Inc.**
Venmar **Mechanical Sales, Inc.**

EXHAUST, CARBON MONOXIDE

Car-Mon Products inc.... **Applied Mechanical Products, Inc.**
DSP Monoxivent.....**Millennium Technology of Iowa**
GFG Dynamation.....**Deco Engineering Products, Inc.**
Ventaire **Rist & Associates, Inc.**
Vulcan Alarm**Millennium Technology of Iowa**

EXHAUST, FUME

Air Sentry.....**Millennium Technology of Iowa**
Car-Mon Products, Inc... **Applied Mechanical Products, Inc.**
DSP Monoxivent.....**Millennium Technology of Iowa**
Flow Safe.....**Millennium Technology of Iowa**
Harrington.....**Millennium Technology of Iowa**
Lab Crafters.....**Millennium Technology of Iowa**
National Systems of Garage Ventil. ..**HVAC Resources, Inc.**

Nederman, Inc. **Brilco, Incorporated**
 Strobic Air Corporation **Hart-Hammer, Inc.**
 TSI Environmental Controls..... **Hart-Hammer, Inc.**
 United Air Specialists..... **Air Equipment Sales, Inc.**
 Vентаire **Rist & Associates, Inc.**

EXHAUST, KITCHEN

Captive-Aire Systems **HVAC Resources, Inc.**
 Econ-Air **Brilco, Incorporated**
 GreaseMaster **Hart-Hammer, Inc.**
 Greenheck **Products, Incorporated**
 Halton **Hart-Hammer, Inc.**
 Kees..... **Rist & Associates, Inc.**
 Penn Ventilator **Hart-Hammer, Inc.**
 VentMaster **Rist & Associates, Inc.**

EXPANSION JOINTS, FLEXIBLE CONNECTORS & SPECIALTIES

AmberBooth..... **Hart-Hammer, Inc.**
 Barco **Miller Mechanical Specialties, Inc.**
 Duraflex **Affiliated Steam Equip Co.**
 Flexweld..... **Products, Incorporated**
 Holz Rubber..... **Miller Mechanical Specialties, Inc.**
 Hyspan..... **Miller Mechanical Specialties, Inc.**
 Mason Industries **Brilco, Incorporated**
 Metraflex **Hydronic Energy, Inc.**
 Unisource Manuf., Inc..... **HVAC Resources, Inc.**

FAN COIL UNITS

Airtherm **Hydronic Energy, Inc.**
 First Co. **Brilco, Incorporated**
 First Co. **Halvorson Trane**
 International Fan Coil **Products, Incorporated**
 McQuay International **Hart-Hammer, Inc.**
 Magic Aire **Halvorson Trane**
 Trane. **Halvorson Trane**
 Whalen..... **Feld-Hazer & Associates, Inc.**
 Williams Thermal **Capitol R & D, Inc.**
 York International **Data Power Technology Corp.**

FANS, CENTRIFUGAL

Acme Engineering & Mfg. Corp. **Brilco, Incorporated**
Advanced..... **Affiliated Steam Equip Co.**
Aerovent **Midwest Mechanical Solutions, Inc.**
Barry **Hart-Hammer, Inc.**
Braidert **Millennium Technology of Iowa**
Carnes Co. Inc..... **Applied Mechanical Products, Inc.**
Greenheck **Products, Incorporated**
Fan AM **Hart-Hammer, Inc.**
Loren Cook **Rist & Associates, Inc.**
Modine **Affiliated Steam Equip Co.**
Quietaire **Bishop Radiant Heating Systems, Inc.**
Peerless..... **Applied Mechanical Products, Inc.**
Twin City Fan..... **Air Equipment Sales, Inc.**
Twin City Fan..... **HVAC Resources, Inc.**
Viron International Corp..... **HVAC Resources, Inc.**

FANS, EXHAUST

Acme Engineering & Mfg. Corp. **Brilco, Incorporated**
Aerovent **Midwest Mechanical Solutions, Inc.**
Barry **Hart-Hammer, Inc.**
Braidert **Millennium Technology of Iowa**
Carnes Co. Inc..... **Applied Mechanical Products, Inc.**
Greenheck **Products, Incorporated**
Loren Cook **Rist & Associates, Inc.**
Penn Ventilator **Harr-Hammer, Inc.**
Peerless..... **Applied Mechanical Products, Inc.**
Quietaire **Bishop Radiant Heating Systems, Inc.**
Swartwout..... **Hart-Hammer, Inc.**
Trane. **Halvorson Trane**
Twin City Fan..... **Air Equipment Sales, Inc.**
Twin City Fan..... **HVAC Resources, Inc.**

FANS, INLINE, TUBEAXIAL, & VANEAXIAL

Acme Engineering & Mfg. Corp. **Brilco, Incorporated**
Advanced..... **Affiliated Steam Equip Co.**
Aerovent **Midwest Mechanical Solutions, Inc.**
Barry **Hart-Hammer, Inc.**
Braidert Air..... **Millennium Technology of Iowa**
Carnes Co. Inc..... **Applied Mechanical Products, Inc.**

Greenheck **Products, Incorporated**
 Loren Cook **Rist & Associates, Inc.**
 Quietaire **Bishop Radiant Heating Systems, Inc.**
 Peerless **Applied Mechanical Products, Inc.**
 Swartwout **Hart-Hammer, Inc.**
 Trane **Halvorson Trane**
 Twin City Fan **Air Equipment Sales, Inc.**
 Twin City Fan **HVAC Resources, Inc.**
 Woods/American Fan **Millennium Technology of Iowa**

FANS, PROPELLER

Advanced **Affiliated Steam Equip Co.**
 Acme Engineering & Mfg. Corp. **Brilco, Incorporated**
 Barry **Hart-Hammer, Inc.**
 Breidert Air **Millennium Technology of Iowa**
 Carnes Co. Inc. **Applied Mechanical Products, Inc.**
 Greenheck **Products, Incorporated**
 Loren Cook **Rist & Associates, Inc.**
 Quietaire **Bishop Radiant Heating Systems, Inc.**
 Twin City Fan **Air Equipment Sales, Inc.**
 Twin City Fan **HVAC Resources, Inc.**

FILTERS, AIR

American Air Filter **Air Equipment Sales, Inc.**
 BLC **Air Equipment Sales, Inc.**
 Circulaire **Millennium Technology of Iowa**
 Contamination Tech **Millennium Technology of Iowa**
 Dollinger Corp **R.S. Stover Co.**
 Farr-New Construction **Hart-Hammer, Inc.**
 Farr-Replacement Filters **Capitol R & D, Inc.**
 Flanders/Precisionaire **Feld-Hazer & Associates, Inc.**
 Flanders/CSC **Feld-Hazer & Associates, Inc.**
 Koch Filter Co. **Brilco, Incorporated**
 Purafil **Hart-Hammer, Inc.**
 Purolator **Midwest Mechanical Solutions, Inc.**
 Smith Filters **Products, Incorporated**
 Steelcraft **Air Equipment Sales, Inc.**
 Sternvent **Air Equipment Sales, Inc.**

Strionair **Mechanical Sales, Inc.**
TVS..... **Air Equipment Sales, Inc.**
United Air Specialists..... **Air Equipment Sales, Inc.**

FILTERS, LIQUIDS, LIGHT & GAS

Spence..... **Affiliated Steam Equip Co.**
American Ultraviolet **Millennium Technology of Iowa**
Dollinger Corp..... **R.S. Stover Co.**
Farr **Hart-Hammer, Inc.**
Griswold Separators **Hydronic Energy, Inc.**
Krystil Klear Filtration..... **Feld-Hazer & Associates, Inc.**
Lakos Separators **R.S. Stover Co.**
Miller-Leaman **Midwest Mechanical Solutions, Inc.**
Puroflux..... **Houk & Associates, Inc.**
R.P. Adams **R.S. Stover Co.**
Ronningen-Petter **Houk & Associates, Inc.**
Steril-Aire..... **Brilco, Incorporated**
Tekleen **R.S. Stover Co.**

FIRE PROTECTION EQUIPMENT

Johnson Controls..... **Johnson Controls**
Potter-Roemer **Products, Incorporated**
Siemens..... **Siemens Building Tech.**

FURNACES

Lennox Industries **Lennox Industries, Inc.**
Trane. **Halvorson Trane**

FUME HOODS

Air Sentry / Vortex **Miller Mechanical Specialties, Inc.**

GAUGES

Ashcroft..... **Affiliated Steam Equip Co.**
Dwyer..... **Rist & Associates, Inc.**
Dwyer..... **Air Equipment Sales, Inc.**
Helicoid **Miller Mechanical Specialties, Inc.**
Jerguson **R.S. Stover Co.**
McDaniel/Winters/Marsh **Fluid Technology Corporation**

Miljoco Corp..... Capitol R&D, Inc.
 Miljoco Corp..... Products, Incorporated
 Weiss Instruments Hydronic Energy, Inc.

GRAVITY RELIEF & INTAKE HOODS

Acme Engineering & Mfg. Corp..... Brilco, Incorporated
 Carnes Co. Inc..... Applied Mechanical Products, Inc.
 Cesco Products Rist & Associates, Inc.
 Greenheck Products, Incorporated
 Loren Cook Rist & Associates, Inc.
 Swartwout..... Hart-Hammer, Inc.

GRILLES, REGISTERS, & DIFFUSERS

Acutherm Products, Incorporated
 Air Concepts Rist & Associates, Inc.
 Carnes Applied Mechanical Products, Inc.
 Donco Products, Incorporated
 Donco Rist & Associates, Inc.
 Krueger HVAC Resources, Inc.
 Metalaire Products, Incorporated
 Nailor. Brilco, Incorporated
 Performance Air Products. HVAC Resources, Inc.
 Precision Air Millennium Technology of Iowa
 Seiho..... Hart-Hammer, Inc.
 Titus Hart-Hammer, Inc.
 Total Security Solutions..... Hart-Hammer, Inc.
 Wood-Ja Rist & Associates, Inc.

HEATERS, COIL & DUCT

Berko/Aztec Hart-Hammer, Inc.
 Brasch Mfg. Co. Applied Mechanical Products, Inc.
 BTU..... Brilco, Incorporated
 Delta-Flo Hart-Hammer, Inc.
 Indeeco Halvorson Trane
 Lennox Industries Lennox Industries, Inc.
 Marlo..... Affiliated Steam Equip Co.
 Modine Manufacturing Co Captol R & D, Inc.
 Raywall Hydronic Energy, Inc.
 Redd-i Millennium Technology of Iowa
 Thermolec..... Midwest Mechanical Supply, Inc.

TraneHalvorson Trane
York InternationalData Power Technology Corp.

HEATERS, EXPLOSION PROOF

Armstrong InternationalAffiliated Steam Equip Co.
BerkoAztecHart-Hammer, Inc.
IndeecoHalvorson Trane
ModineAffiliated Steam Equip Co.
RaywallHydronic Energy, Inc.
Redd-iMillennium Technology of Iowa

HEATERS, RADIANT, GAS, STEAM & ELECTRIC, INFRARED

Aero TechHydronic Energy, Inc.
Airtex Corp.....Brilco, Incorporated
AresRist & Associates, Inc.
Berko/AztecHart-Hammer, Inc.
Brasch Mfg. Co.....Applied Mechanical Products, Inc.
Delta-FloHart-Hammer, Inc.
Detroit Radiant.....Millennium Technology of Iowa
Fostoria.....Hydronic Energy, Inc.
IndeecoHalvorson Trane
ModineAffiliated Steam Equip Co.
Modine Manufacturing Co.Capitol R & D, Inc.
PickFluid Technology Corporation
RaywallHydronic Energy, Inc.
SchwankBrilco, Incorporated
Shaw-PerkinsBrilco, Incorporated
Space RayC.H. McGuinness Company, Inc.
Sterling.....Brilco, Incorporated
Titan AirHart-Hammer, Inc.
Wirsbo.....Specified Systems, Inc.

HEATERS, UNIT

Adams.....Specified Systems, Inc.
AresRist & Associates, Inc.
Berko/AztecHart-Hammer, Inc.
Brasch Mfg. Co.....Applied Mechanical Products, Inc.
Control Air.....Hart-Hammer, Inc.
IndeecoHalvorson Trane
Lennox IndustriesLennox Industries, Inc.

Magic-Aire..... Capitol R & D, Inc.
 McQuay International Hart-Hammer, Inc.
 Modine Manufacturing Co. Capitol R& D, Inc.
 Shaw-Perkins Brilco, Incorporated
 Sterling..... Hydronic Energy, Inc.
 Trane. Halvorson Trane
 Vulcan..... Brilco, Incorporated
 LJ Wing Co. Millennium Technology of Iowa

HEATERS, WATER & WATER STORAGE

A.O. Smith Specified Systems, Inc.
 A.O. Smith. City Supply Corp.
 AercoFeld-Hazer & Associates, Inc.
 Ace Boiler, Inc. Hydronic Energy, Inc.
 Armstrong International Affiliated Steam Equip Co.
 Bradford White..... Mid America Sales Group, Inc.
 Cemline..... Products, Incorporated
 Laars..... Hydronic Energy, Inc.
 Lattner Brasch C.H. McGuinness Company, Inc.
 PVI..... Hydronic Energy, Inc.
 RBI.....Feld-Hazer & Associates, Inc.
 Raypack..... C.H. McGuinness Company, Inc.
 Reco USA..... C.H. McGuinness Company, Inc.
 Rinnai.....Mack McClain & Associates
 Sellers..... C.H. McGuinness Company, Inc.
 Slant/Fin Corp..... City Supply Corp.
 Spence.....Deco Engineering Products, Inc.
 Thrush..... Affiliated Steam Equip Co.

HEAT EXCHANGERS & CONVECTORS

American Energy Exchange Brilco, Incorporated
 A.O. Smith Specified Systems, Inc.
 APV.....Feld-Hazer & Associates, Inc.
 Ace Boiler Hydronic Energy, Inc.
 AercoFeld-Hazer & Associates, Inc.
 Alfa-Laval..... Hydronic Energy, Inc.
 Armstrong International Affiliated Steam Equip Co.
 Bell & Gosset..... Products, Incorporated
 FlatPlate Inc..... City Supply Corp.
 Heatex Halvorson Trane

Kam **Affiliated Steam Equip Co.**
Patterson Pump Co. **Capital R&D, Inc.**
Paul Mueller..... **R.S. Stover Co.**
Reco USA..... **C.H. Mc Guinness Company, Inc.**
Sentry **Fluid Technology Corporation**
SWEP **Houk & Associates, Inc.**
Taco..... **Hydronic Energy, Inc.**
Thrush..... **Affiliated Steam Equip Co.**
Tranter **Houk & Associates, Inc.**

HEAT PUMPS

Addison..... **Mechanical Sales, Inc.**
American Air Filter **Hart-Hammer, Inc.**
Climate Master **Feld-Hazer & Associates, Inc.**
Florida..... **Capitol R & D, Inc.**
McQuay International **Hart-Hammer, Inc.**
Trane. **Halvorson Trane**
WaterFurnace..... **Brilco, Incorporated**

HEAT RECOVERY DEVICES

Advanced..... **Affiliated Steam Equip Co.**
Aerco **Feld-Hazer & Associates, Inc.**
American Energy Exchange. **Brilco, Incorporated**
Boss-Aire **Millennium Technology of Iowa**
Control Air..... **Hart-Hammer, Inc.**
Des Champs Labs **Hart-Hammer, Inc.**
Desertaire Corp **Millennium Technology of Iowa**
Exothermics..... **Rist & Associates, Inc.**
Gouvernaire..... **Mechanical Sales, Inc.**
Haakon Industries..... **Midwest Mechanical Solutions, Inc.**
Heat Pipe Technology **Data Power Technology Corp.**
Heatex **Halvorson Trane**
Marlo..... **Affiliated Steam Equip Co.**
Modine Manufacturing Co. **Capitol R & D, Inc.**
P.M. Wright..... **Millennium Technology of Iowa**
Poolpak..... **Brilco, Incorporated**
RenewAire **Halvorson Trane**
SEMCO..... **Halvorson Trane**
Trane. **Halvorson Trane**
Xetex, Inc..... **Midwest Mechanical Solutions, Inc.**

HUMIDIFIERS

Air & Refrigeration **Hart-Hammer, Inc.**
Armstrong International **Affiliated Steam Equip Co.**
Carel USA.....**Midwest Mechanical Solutions, Inc.**
Carnes Co, Inc..... **Applied Mechanical Products, Inc.**
DGH Systems **Hart-Hammer, Inc.**
Dri-Steem Humidifier Co..**Applied Mechanical Products, Inc.**
Herrmidifier **Hydronic Energy, Inc.**
Neptronic **Brilco Incorporated**
Nortec **Products, Incorporated**
Palmetto.....**Millennium Technology of Iowa**
Pure Humidifier**Millennium Technology of Iowa**
Walton.....**Brilco Incorporated**

HYDRONIC SPECIALTIES

Armstrong International **Affiliated Steam Equip Co.**
Barco **Miller Mechanical Specialties, Inc.**
Bell & Gosset..... **Products, Incorporated**
Brimar **Hydronic Energy, Inc.**
Colmac..... **Hydronic Energy, Inc.**
Cla-Val**Deco Engineering Products, Inc.**
Dollinger Corp..... **R.S. Stover Co.**
Flow Design **Capitol R&D, Inc.**
Istec **Affiliated Steam Equip Co.**
Liebert.....**Data Power Technology Corp.**
McDaniel/Winters/Marsh**Fluid Technology Corporation**
Miller-Leaman **R.S. Stover Co.**
Paco..... **Hydronic Energy, Inc.**
Patterson Pump Co. **Capital R&D, Inc.**
Sparco **Specified Systems, Inc.**
Spirotherm **MidAmerica Sales Group, Inc.**
TACO..... **Hydronic Energy, Inc.**
Taylor..... **Miller Mechanical Specialties, Inc.**
Thrush..... **Affiliated Steam Equip Co.**
TSI Environmental Controls..... **Hart-Hammer, Inc.**

INSULATION

Accessible Products**Fluid Technology Corporation**

LIQUID LEVEL CONTROLS

Cla-ValDeco Engineering Products, Inc.
Endress & Hauser.Fluid Technology Corporation
Hays.....Feld-Hazer & Associates, Inc.
Hydrolevel.....Affiliated Steam Equip Co.
Jerguson R.S. Stover Co.
McDonnell & Miller..... Products, Incorporated

LOUVERS

American Warm. & Vent. **Applied Mechanical Products, Inc.**
Arrow United Rist & Associates, Inc.
Carnes Co, Inc..... **Applied Mechanical Products, Inc.**
CESCO Products..... Rist & Associates, Inc.
Composite Fan Technology..... Rist & Associates, Inc.
Leader Dampers & Louvers.....HVAC Resources, Inc.
Louvers and Dampers, Inc.HVAC Resources, Inc.
Pottorff Rist & Associates, Inc.
Quietaire **Bishop Radiant Heating Systems, Inc.**
Ruskin..... Hart-Hammer, Inc.
Safe-Air/Dowco.....HVAC Resources, Inc.
Swartwout..... Hart-Hammer, Inc.
United Enertech Corp.HVAC Resources, Inc.
United EnertechMillennium Technology of Iowa
Vent Products Rist & Associates, Inc.

MAKE-UP AIR SYSTEMS

Adobe - Air, Inc.Applied Mechanical Product, Inc.
Ares Rist & Associates, Inc.
Banza.....Affiliated Steam Equip Co.
Banza.....Feld-Hazer & Associates, Inc.
Banza Air Management. Millennium Technology of Iowa
Control Air..... Hart-Hammer, Inc.
Hastings..... Mechanical Sales, Inc.
InnoventHalvorson Trane
GovernAir..... Mechanical Sales, Inc.
Kees..... Rist & Associates, Inc.
LJ Wing Co.Millennium Technology of Iowa
Lennox IndustriesLennox Industries, Inc.
Modine Capitol R & D, Inc.
Powmatic.....Air Equipment Sales, Inc.

Rapid Engineering**Millennium Technology of Iowa**
 Rupp Air Management... **Applied Mechanical Products, Inc.**
 Trane.**Halvorson Trane**
 Temtrol..... **Mechanical Sales, Inc.**
 ThermoTek Comm. Ventil. Systems..**HVAC Resources, Inc.**
 Weather Rite.....**Brilco, Incorporated**

METERS & METERING DEVICES

Badger **R.S. Stover Co.**
 Dole **Affiliated Steam Equip Co.**
 Durant/Cutler Hammer**Deco Engineering Products, Inc.**
 Endress & Hauser.**Fluid Technology Corporation**
 Endress & Hauser. **Miller Mechanical Specialties, Inc.**
 Equimeter **Deco Engineering Products, Inc.**
 Griswold..... **Hydronic Energy, Inc.**
 Istec **Affiliated Steam Equip Co.**
 Milton Roy.....**Deco Engineering Products, Inc.**
 Schlumberger **Miller Mechanical Specialties, Inc.**
 Taco..... **Hydronic Energy, Inc.**
 Venture Measurement**Deco Engineering Products, Inc.**
 World Class**Fluid Technology Corporation**

PIPE ACCESSORIES

AB&I.....**Mack McClain & Associates**
 Cresline Plastics**Mack McClain & Associates**
 PPH **Products, Incorporated**
 Schott Lab Systems, Inc..... **Hart-Hammer, Inc.**
 PSI/Thunderline..... **Hydronic Energy, Inc.**

PIPE & FITTINGS, FIBERGLASS

Fibergate.....**Fluid Technology Corporation**
 Smith Fiberglass Products, Inc.**Fluid Technology Corporation**

PIPE & FITTINGS, GAS

Brass Craft..... **Mid America Sales Group, Inc.**
 Gastite **Specified Systems, Inc.**

PIPE & FITTINGS, GLASS

Enfield..... **Hydronic Energy, Inc.**
 Schott Lab Systems, Inc..... **Hart-Hammer, Inc.**

PIPE & FITTINGS, PRE-INSULATED & PRE-FABRICATED

Rhinoflex..... Hydronic Energy, Inc.

PLUMBING FIXTURES

Alsons.....Mack McClain & Associates
Armstrong International Affiliated Steam Equip Co.
Delta Faucet Mid America Sales Group, Inc.
Guardian Specified Systems, Inc.
Just Specified Systems, Inc.
Mansfield Mid America Sales Group, Inc.
Pearl Bath..... Specified Systems, Inc.
Stern Williams..... Specified Systems, Inc.
Sunroc Mack McClain & Associates, Inc.
Swirlway Mid America Sales Group, Inc.
T&S Brass..... Specified Systems, Inc.

PLUMBING SPECIALTIES

Advance Products and SystemsR.S. Stover Co.
Basco.....Mid America Sales Group, Inc.
BrimarHydronic Energy, Inc.
Armstrong International Affiliated Steam Equip Co.
Dole Affiliated Steam Equip Co.
Halsey Taylor..... Specified Systems
Insinkerator.....Mid America Sales Group, Inc.
LawlerHydronic Energy, Inc.
PolycastHydronic Energy, Inc.
Rockford Sanitary.....Specified Systems, Inc.
Sloan.....Specified Systems, Inc.
Sparco Specified Systems, Inc.
Water King..... Tim Hildreth Company, Inc.
Watts Drainage Products.....Mack Mclain & Associates

POWER & POWER CONDITIONING SYSTEMS

APC. Brilco, Incorporated
CanatalHalvorson - Trane
Liebert.....Data Power Technology Corp.
VannerData Power Technology Corp.

PUMPS, CENTRIFUGAL, CIRCULATING & PACKAGES

Armstrong Pumps.....HVAC Resources, Inc.
Armstrong Pumps..... R.S. Stover Co.
Barnes PumpsDeco Engineering Products, Inc.
Bell & Gosset..... Products, Incorporated
Canariis..... Hydronic Energy, Inc.
Domestic Pump Products, Incorporated
Grundfos Pumps..... City Supply Corp.
Hoffman Specialty Products, Incorporated
Mepco Hydronic Energy, Inc.
Paco..... Hydronic Energy, Inc.
Patterson Pump Co. Capital R&D, Inc.
Peerless.....Deco Engineering Products, Inc.
Peerless..... R.S. Stover Co.
Russell Pump. Hydronic Energy, Inc.
SincroFlo..... Hart-Hammer, Inc.
Systecon Mechanical Sales, Inc.
Taco..... Hydronic Energy, Inc.
Thrush..... Affiliated Steam Equip Co.
Thrush Pumps Capitol R & D, Inc.
Weinman Pumps Capitol R & D, Inc.

PUMPS, CHEMICAL & SPECIALTY

BarnesDeco Engineering Products, Inc.
Desmi Rotan.....Deco Engineering Products, Inc.
Fybroc.....Deco Engineering Products, Inc.
Milton Roy.....Deco Engineering Products, Inc.
Mepco Hydronic Energy, Inc.
SysteconHalvorson Trane
Thrush..... Affiliated Steam Equip Co.

PUMPS, FIRE

Peerless.....Deco Engineering Products, Inc.

PUMPS, SEWAGE, SUMP & CONDENSATE

Armstrong Affiliated Steam Equip Co.
Armstrong Pumps.....HVAC Resources, Inc.
Armstrong Pumps..... R.S. Stover Co.
BarnesDeco Engineering Products, Inc.
Domestic Pump Products, Incorporated

Grundfos **Mid America Sales Group, Inc.**
 Hoffman Specialty **Products, Incorporated**
 Mepco **Hydronic Energy, Inc.**
 Paco Pump **Hydronic Energy, Inc.**
 Peerless Pump **Deco Engineering Products, Inc.**
 Russell Pump **Hydronic Energy, Inc.**
 Stancor **Hydronic Energy, Inc.**
 Sterling..... **Affiliated Steam Equip Co.**
 Thrush..... **Affiliated Steam Equip Co.**
 Weinman Pump **Capitol R & D, Inc.**

RADIATION, BASEBOARD & CONVECTORS, ELECTRIC

Berko/Aztec **Hart-Hammer, Inc.**
 Brasch..... **Applied Mechanical Products, Inc.**
 Indeeco **Halvorson Trane**
 Modine **Affiliated Steam Equip Co.**
 Trane. **Halvorson Trane**
 Vulcan..... **Brilco, Incorporated**

RADIATION, BASEBOARD & CONVECTORS, HYDRONIC & STEAM

Burnham **C.H. McGuinness Company, Inc.**
 Cannon Boiler Works..... **Trabue Industrial Systems**
 Modine **Affiliated Steam Equip Co.**
 Modine Manufacturing **Capitol R&D, Inc.**
 Rittling & Panel Radiator, Inc. **Capitol R & D, Inc.**
 Runtal **Hydronic Energy, Inc.**
 Sterling Radiator..... **Hydronic Energy, Inc.**
 Trane. **Halvorson Trane**
 Weil McClain..... **Specified Systems, Inc.**

ROOF CURBS

Greenheck **Products, Incorporated**
 NCA **Brilco, Incorporated**
 The Pate Company..... **HVAC Resources, Inc.**
 RPS **Hart-Hammer, Inc.**
 RPS **Rist & Associates, Inc.**
 Spinnaker Industries..... **Hart-Hammer, Inc.**
 Thy Curb **Products, Incorporated**

SENSORS & DETECTORS

ACME Eng. Prod., Inc. ... **Applied Mechanical Products, Inc.**
Andover **Control Installations of Iowa, Inc.**
Asco..... **Affiliated Steam Equip Co.**
Brasch Mfg Co..... **Applied Mechanical Products, Inc.**
Johnson Controls..... **Johnson Controls**
Siemens..... **Siemens Building Tech.**
Thermox..... **Miller Mechanical Specialties, Inc.**
Toxalert..... **Rist & Associates, Inc.**
Vulcain Alarm Inc..... **Millennium Technology of Iowa**

SNOW MELTING (RADIANT HEATING SYSTEMS)

Kitec..... **Hydronic Energy, Inc.**
Thrush..... **Affiliated Steam Equip Co.**
Wirsbo..... **Specified Systems, Inc.**

SOLAR EQUIPMENT

Taco..... **Hydronic Energy, Inc.**

SOUND CONTROL, ABSORPTION & ATTENUATORS

Aerosonics, Inc. **Brilco, Incorporated**
Commercial Acoustics ... **Applied Mechanical Products, Inc.**
Commercial Acoustics **HVAC Resources, Inc.**
Dynasonics **Rist & Associates, Inc.**
George Koch Sons **Air Equipment Sales**
Rink..... **Hart-Hammer, Inc.**
Rink/ Ruskin Sound Control **Rist & Associates, Inc.**
SEMCO..... **Products, Incorporated**
VAW..... **Air Equipment Sales, Inc.**
VAW..... **Midwest Mechanical Supply**
Vibro-Acoustics..... **Millennium Technology of Iowa**

STEAM TRAPS, SPECIALTIES & ACCESSORIES

Armstrong International **Affiliated Steam Equip Co.**
Armstrong **Deco Engineering Products, Inc.**
Barnes & Jones **C.H. McGuiness Company, Inc.**
Bestobell **Fluid Technology Corporation**
Clark-Reliance **Miller Mechanical Specialties, Inc.**
Hoffman Specialty **Products, Incorporated**
Mepco **Hydronic Energy, Inc.**

Metraflex..... Hydronic Energy, Inc.
 Spence.....Deco Engineering Products, Inc.
 TunstallHydronic Energy, Inc.
 Watts/Illinois Mack Mclain & Associates

SWIMMING POOL EQUIPMENT

Dectron.Data Power Technology Corp.
 Des Champs Labs Hart-Hammer, Inc.
 Desert Aire.....Millennium Technology of Iowa
 HeatexHalvorson Trane
 Thrush..... Affiliated Steam Equip Co.

TANKS

Ace Boiler Hydronic Energy, Inc.
 AO Smith Specified Systems, Inc.
 Cemline..... Products, Incorporated
 Design Tanks..... R.S. Stover Co.
 Larrs..... Hydronic Energy, Inc.
 Mechanical Room Supply.....Hydronic Energy, Inc.
 Niles Steel Tank Co. Capital R&D, Inc.
 Polyprocessing/Edwards Fluid Technology Corporation
 Reco USA C.H. McGuinness Company, Inc.
 Vessel Systems Affiliated Steam Equip Co.
 Wessels Products, Incorporated

TERMINAL UNITS, VARIABLE & CONSTANT VOLUME

Acutherm Products, Incorporated
 Air Precision Devices.....Millennium Technology of Iowa
 Anemostat Applied Mechanical Products. Inc.
 Carnes Co, Inc..... Applied Mechanical Products. Inc.
 Envirotech..... Midwest Mechanical Supply
 Metalaire Products, Incorporated
 Nailor Brilco, Incorporated
 Price Industries Rist & Associates, Inc.
 Redd-i, Inc. Millennium Technology of Iowa
 Titus Hart-Hammer, Inc.
 TraneHalvorson Trane
 United Enertech Corp. HVAC Resources, Inc.
 Warren Mfg.....Millennium Technology of Iowa
 York InternationalData Power Technology Corp.

THERMOMETERS

Ashcroft..... **Affiliated Steam Equip Co.**
H O Trerice **Products, Incorporated**
SISCO..... **Hydronic Energy, Inc.**
Taylor..... **Miller Mechanical Specialties, Inc.**
Weiss Instruments **Hydronic Energy, Inc.**
Weksler..... **Rist & Associates, Inc.**

UNINTERRUPTIBLE POWER SYSTEMS

APC **Brilco, Incorporated**

VALVES, BALL

Belimo..... **Millennium Technology of Iowa**
Belimo..... **Halvorson Trane**
Bonomi..... **Affiliated Steam Equip Co.**
Metraflex..... **Hydronic Energy, Inc.**
Watts..... **Affiliated Steam Equip Co.**
Watts..... **Mack McClain & Associates, Inc.**
Worcester Controls..... **Fluid Technology Corporation**

VALVES, BUTTERFLY

Adams..... **Fluid Technology Corporation**
Belimo..... **Millennium Technology of Iowa**
Belimo..... **Halvorson Trane**
Contromatics **Affiliated Steam Equip Co.**
Fisher..... **R.S. Stover Co.**
Keystone..... **R.S. Stover Co.**
Metraflex..... **Hydronic Energy, Inc.**
Mueller Steam Specialties.... **Mid America Sales Group, Inc.**
Sureseal..... **R.S. Stover Co.**
Ultraflow..... **Fluid Technology Corporation**
Watts Regulator..... **Mack McClain & Associates, Inc.**

VALVES, CHECK, BACKFLOW PREVENTION

Adams..... **Fluid Technology Corporation**
Durabla **Affiliated Steam Equip Co.**
Metraflex..... **Hydronic Energy, Inc.**
Mueller Steam Specialties.... **Mid America Sales Group, Inc.**
Streamflo **Products, Incorporated**

Watts Regulator **Mack McClain & Associates, Inc.**

VALVES, CONTROL & SOLENOID

Andover **Control Installations of Iowa, Inc.**
Armstrong International **Affiliated Steam Equip Co.**
Asco..... **Affiliated Steam Equip Co.**
Badger Meter..... **R.S. Stover Co.**
Belimo..... **Millennium Technology of Iowa**
Belimo..... **Halvorson Trane**
Delta 'P' **Midwest Mechanical Solutions, Inc.**
Goyen **Air Equipment Sales, Inc.**
Griswold..... **Hydronic Energy, Inc.**
Hays..... **Feld-Hazer & Associates, Inc.**
Johnson Controls..... **Johnson Controls**
Klinger..... **Affiliated Steam Equip Co.**
Masoneilan **Miller Mechanical Specialties, Inc.**
Nexus..... **Products, Incorporated**
Siemens..... **Siemens Building Tech.**
Spence..... **Affiliated Steam Equip Co.**
Spence..... **Deco Engineering Products, Inc.**

VALVES, SAFETY & RELIEF

Conbraco **Hydronic Energy, Inc.**
Farris..... **R.S. Stover Co.**
Fisher Controls **R.S. Stover Co.**
Kunkle..... **Affiliated Steam Equip Co.**
Kunkle..... **Miller Mechanical Specialties, Inc.**
Leser..... **Affiliated Steam Equip Co.**
Spence..... **Deco Engineering Products, Inc.**
Watts Regulator **Mack McClain & Associates, Inc.**
Watts Regulator **City Supply Corp.**

VALVES, SPECIALTY & OTHER

Armstrong International **Affiliated Steam Equip Co.**
Asco..... **Affiliated Steam Equip Co.**
Bonetti..... **Affiliated Steam Equip Co.**
Cla-Val **Deco Engineering Products, Inc.**
Fisher Controls **R.S. Stover Co.**
Milwaukee **City Supply Corp**
Klinger..... **Affiliated Steam Equip Co.**

Watts Regulator **Mack McClain & Associates, Inc.**
Wm. Meyer & Sons.....**Air Equipment Sales, Inc.**

VARIABLE SPEED DRIVES

ABB.....**Millennium Technology of Iowa**
Danfoss/Trane **Halvorson Trane**
Eurotherm**Deco Engineering Products, Inc.**
Danfoss/Graham **Products, Incorporated**
Mitsubishi Electric.....**Data Power Technology Corp.**
Rockwell Automation **Mechanical Sales, Inc.**
Safetronics.....**Brilco, Incorporated**
Yaskawa**Midwest Mechanical Solutions, Inc.**
Yaskawa **R.S. Stover Co.**

VIBRATION CONTROL

Amber Booth..... **Hart-Hammer, Inc.**
Engineered Flexible Products, Inc.**HVAC Resources, Inc.**
Mason Industries **Brilco, Incorporated**
Metraflex **Hydronic Energy, Inc.**
Minnesota Flexible..... **Products, Incorporated**
Vibration Eliminator **Rist & Associates, Inc.**
Vibration Eliminator **Hydronic Energy, Inc.**
Vibration Mountings..... **Products, Incorporated**
Vibro-Acoustics.....**Millennium Technology of Iowa**

WATER TREATMENT

American Ultraviolet**Millennium Technology of Iowa**
Dow Chemical **Products, Incorporated**
J.L. Wingert **Hydronic Energy, Inc.**
Lakewood. **Miller Mechanical Specialties, Inc.**
Marlo..... **Trabue Industrial Systems**
Nalco..... **Products, Incorporated**
Water King **Products, Incorporated**
Water Loop **Halvorson Trane**