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Galloup

Ann Arbor
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Fax 734-668-6155

Battle Creek
269-965-4005 or 800-523-7879
Fax 269-965-3263

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616-452-3251 or 800-968-7473
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517-482-6170 or 800-367-3288
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Manistee
231-723-2506 or 800-968-4145
Fax 231-723-7919

Muskegon
231-739-3100 or 800-822-2321
Fax 231-739-6332

Toledo
419-867-0893 or 877-599-7473
Fax 419-867-1068

Warren
586-755-3110 or 800-877-6289
Fax 586-755-3255

www.galloup.com

**Smith Instrument
& Merlo Energy**

Grand Rapids
616-245-1195 or 800-968-1195
Fax 616-245-0334

Midland
989-496-9250
Fax 989-496-9567

Warren
586-755-3110 or 800-877-6289
Fax 586-755-3255

www.smithinstrument.com

Specialty Divisions

Fluid Sealing Products
269-965-4005 or 800-523-7879
Fax 269-965-3263

Sanitary Process Equipment
616-245-1195 or 800-968-1195
Fax 616-245-0334

Fire Protection
734-668-1612 or 800-833-9549
616-452-3251 or 800-968-7473



STEAM SPECIALTIES

Steam traps, pressure reducing valves, temperature regulators, air relief traps, strainers, radiator valves, radiator air vents, radiator traps

STEAM-A-WARETM

Steam-A-wareTM sizing and selection for steam, air and hot water systems

CONDENSATE RECOVERY SYSTEMS

Armstrong's pumping traps offer all the benefits of returning condensate without the expensive maintenance common with electric condensate pumps

Non-electric, Condensate Pump Trap Packages, Flash Recovery Vessels

HOT WATER SYSTEMS

Armstrong's line of instantaneous water heaters and Rada[®] thermostatic mixing valves meet all your hot water temperature conditioning applications

Flo-Rite TempTM Instantaneous Water Heaters, Rada Thermostatic Mixing Valves, Heat Transfer Packages

WASHDOWN EQUIPMENT

Steamix[®] hose stations from Armstrong offer a maximum temperature rise set point and cold water failure shutdown for ultimate user safety

COILS

Armstrong makes a line of steam/liquid and cooling coils in heavy-duty finned tube and light-weight plate fin configurations

Finned Tube, Plate Fin, Unit Heaters, Tank Heaters

HUMIDIFICATION

Armstrong conditioned steam humidifiers help achieve precisely controlled, trouble-free steam humidification

Direct Steam Injection, Gas Fired, Electronic, Fogging, Steam to Steam

HUMID-A-WARETM

Humidification sizing and selection software - steam, gas fired, electric steam and fogging system

CHECK-ALL MFG. CO.

Spring loaded check valves - 1/8" - 20" bronze, carbon steel, nylon, PVC, stainless steel, Teflon - vacuum to 10,000 PSIG

CIRCLE S PRODUCTS, INC.

Steam and air separators, exhaust heads, flash tanks

DRS MARLO COIL

Heating and cooling coils, "Stratomizer" face and bypass coils

FOXBORO

Pressure and differential pressure, liquid level and interface, density, flow, temperature and humidity, analytical, recorders, positioners, controllers and control systems

MERLO ENERGY

Steam system services, compressed air services, corrosion protection coatings, educational training seminars, customized programs, energy audits, energy consulting

PENBERTHY

Liquid level gauges, drum level control, ejectors, heaters and valves

THERMAL ENERGY

FLU-ACE[®] - Heat recovery and air pollution control technologies with fuel savings of 15 - 30%

THRUSH

In-line circulators, close coupled, vertical in-line pumps, heat exchangers: double wall, straight and U-tube, replacement bundles

PRODUCTS AND SERVICES

Steam Systems

Air Vents
Boiler Blow Down Systems
Boiler Economizers
Boiler Feed Systems
Coils - Dampered Face & Bypass
 Finned Tube
Condensate Pumps
Controls
 Control Valves
 Level
 Pressure
 Temperature
 Flow
Door Heaters
Drainers
Heat Exchangers - Plate & Frame
 Shell & Tube - Plate Coils
 Replacement Bundles
Heaters
Heating Coils
Hose Stations
Humidifiers
Injectors
Mixing Valves
Pumps - Condensate & Boiler Feed
Radiator Traps & Replacement Elements
Separators
Strainers
Tank heaters
Trap Surveys
Traps
 Float & Thermostatic
 Inverted Bucket
 Radiator
 Thermo dynamic
 Thermostatic
Unit Heaters
Vacuum Breakers
Valves
 Automated Valves/Control Valves
 Ball Valves
 Check-spring loaded, Non-slam &
 Insert Type
 Cylinder
 Diaphragm
 Mixing
 Piston
 Pressure Reducing
 Pressure Relief
 Radiator
 Safety
 Solenoid
 Temperature Control



Air & Gas Systems

Air Traps
Air Vents
Alarm Devices
Controls
 Levels
 Pressure
Drainers
Purgers for Non-Condensable Gases
Separators
Sight Flow Indicators
Strainers



Air & Gas Systems (Continued)

Valves
 Check - Spring Loaded, Insert Type
 Cylinder
 Diaphragm
 Level Control
 Pressure Reducing
 Pressure Relief
 Solenoid

Water & Liquid Systems

Air Vents
Alarm Devices
Boilers
Boiler Controls
Coils - Heating & Cooling - DX
Controls
 Level
 Pressure
 Temperature
Door Heaters
Drainers
Heat Exchangers - Plate & Frame - Shell & Tube
 Plate Coils, Replacement Bundles
Gauges
Hose Stations
Humidifiers
Level Controls
Mixing Valves
Snow Melt Systems
Solenoid Valves
Strainers
Switches
Tank Heaters
Thermal Couples
Transmitters
Unit Heaters
Vacuum Breakers
Valves
 Check - Spring Loaded, Non-slam & Insert Type
 Cylinder
 Diaphragm
 Level Control
 Pressure Reducing
 Pressure Relief
 Relief
 Solenoid
 Temperature Control



Miscellaneous

Boiler Controls
Control Panels
Liquid Level Gauges
Relays - Intrinsically Safe & Solid State



Grand Rapids 800-968-1195 616-245-0334
Midland 989-496-9250 989-496-9567
Warren 800-969-9779 586-978-8434

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