Alco Valve Company

ENGINEERED REFRIGERANT CONTROLS

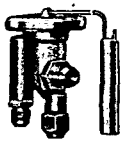
2638 Big Bend Blvd., St. Louis, Mo.

NEW YORK OFFICE: 381 Fourth Ave. CHICAGO OFFICE: 433 East Erie St.

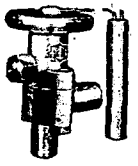
A complete line of Engineered Refrigerant Controls

THERMO EXPANSION VALVES

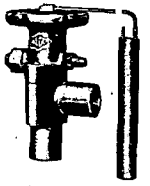
For automatic control of liquid refrigerant on all types of air conditioning and refrigeration systems.



Type TK



Type TJL



Type THL

CAPACITIES—From fractional tonnage to 100 tons Methyl Chloride, 50 tons Freon-12.

MAGNETIC STOP VALVES

For all types of service

Magnetic Liquid Stop Valves

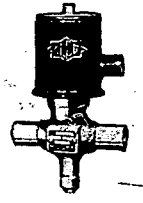
Freon—up to 75 tons Methyl Chloride—up to 150 tons.

Magnetic Suction Stop Valves

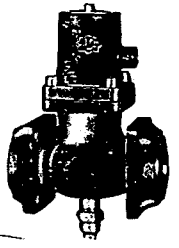
Freon—up to 1½" or 8.8 tons Methyl Chloride—up to 1½" or 17 tons.



Type S1



Type M8



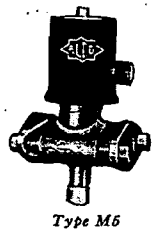
Type R8

AMMONIA CONTROLS

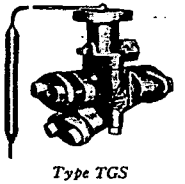
Magnetic Liquid Stop Valves— up to 172 tons.

Magnetic Suction Stop Valves— up to 1½" or 28 tons.

Thermo Expansion Valves— from fractional tonnage to 60 tons.



Type M6



Type TGS

ALCO also offers Magnetic Stop Valves for brine, water, gas, air and steam; specially designed Magnetic Compressor Discharge Valves and Magnetic Pilot Check Suction Stop Valves (for lines subject to reverse Flow).

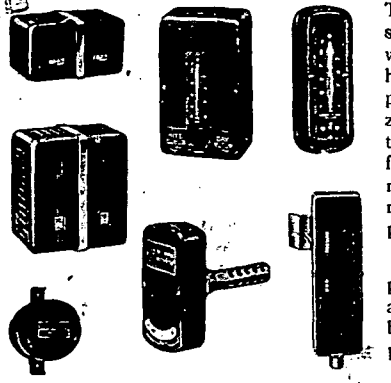
In addition, the Alco line of Engineered Refrigerant Controls includes Float Valves, Float Switches, High Pressure Float Valves, Constant Pressure Expansion Valves and liquid and suction line Filters.

Barber-Colman Company

Rockford, Illinois

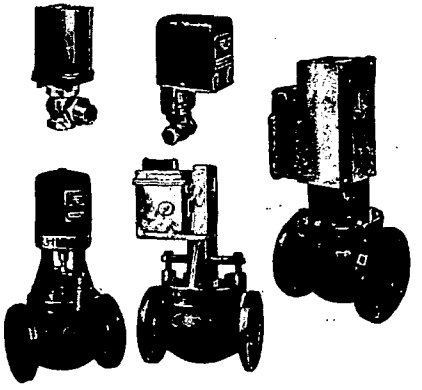
TEMPERATURE and HUMIDITY CONTROL EQUIPMENT

Barber-Colman Controls are all electric. Precision built to insure long, continuous, and dependable service. Easy to install in either new or existing installations. Ready for instant service at all times, even after long shut down periods.



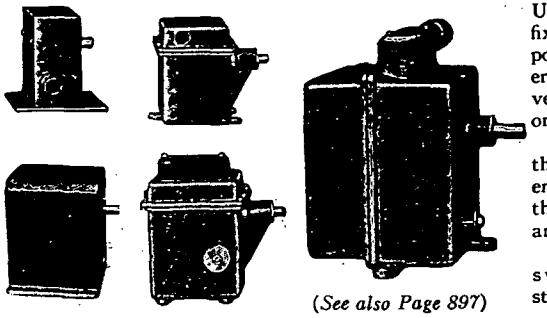
Thermostats, Hygrostats, and Comfortstats. Instruments for controlling dry-bulb, wet-bulb, effective temperature, and relative humidity. For snap-action, floating, or proportioning control. Supertherm has a horizontal bimetal element and is more sensitive to changes in room temperature. The Comfortstat takes into consideration relative humidity as well as temperature and therefore regulates in accordance with effective temperatures.

The Econostat (not illustrated) is a complete self-contained thermostatic unit for the automatic regulation of the heat supply of a building in accordance with outdoor temperatures.



Motor-Operated Valves. Packless, packed, single seat, pilot piston, vee-ported, balanced, three-way, four-way, and butterfly. For shut-off, throttling or proportioning service. Also solenoid valves for air, oil, water, gas, and refrigerants. Motor-Operated Valves are powered with Barcol motors which have only one moving part and require no attention except oiling; oil submerged operators require no attention.

All gears are machine cut and steel gears heat treated. All exposed steel parts are zinc plated. Motor-operators are detachable as units.



Damper Control Motors. Unidirectional or reversible, fixed or adjustable speed. For positive or proportioning operation of dampers in heating, ventilating, air conditioning, or industrial applications.

Oil-submerged models have the motor and gear train entirely submerged in oil, thus insuring quiet operation and long dependable service.

Automatic cam-operated switches provide accurate stopping at the desired limits.

(*See also Page 897*)