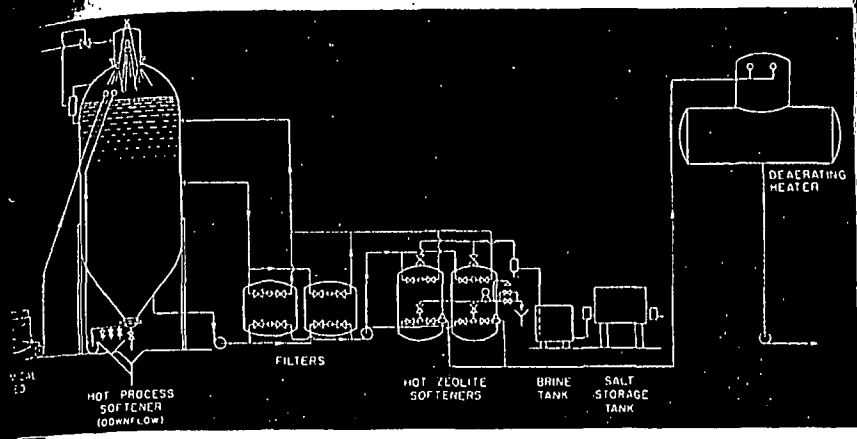


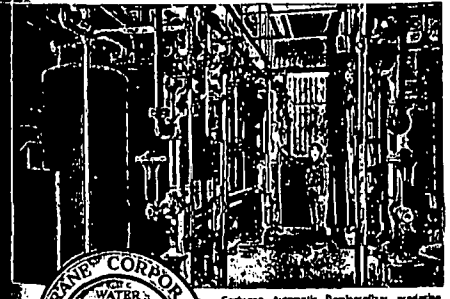


COCHRANE HOT PROCESS ZEOLITE SOFTENER COMBINES EFFICIENCY AND ECONOMY

Combination of a versatile Cochrane Hot Process Softener and a Zeolite second stage provides all the advantages of both systems. It is the most effective and economical means of reducing silica in boiler feedwater preparation. Low total Methyl Orange alkalinities are readily obtained, resulting in lower carbon dioxide in steam generated from this water. Additional economies and benefits are chemical cost savings obtainable and simplicity of operation. Reason: Inexpensive salt is used for hardness removal instead of more costly soda ash and phosphate. Also, the hardness of the process effluent entering Zeolite units is usually quite low, permitting long Zeolite runs and infrequent regeneration.

LOW COST SOLUTION TO MINERAL SOLIDS PROBLEMS

For economical production of water that is comparable to commercially distilled water in low mineral solids, Cochrane demineralizers are available in multi-bed or mixed bed units of both manual or automatic design for any required capacity. Cochrane demineralizers embody sound design, superior workmanship and conservative ratings to assure maximum operating efficiency and longest life.



Cochrane Automatic Demineralizer producing water of less than 1.0 ppm total dissolved solids in large midwest plant.

Cochrane equipment covers the full range of *water conditioning:*

HOT PROCESS SOFTENERS
HOT AND COLD ZEOLITE SOFTENERS
DEAERATORS & OPEN HEATERS
DEMINERALIZERS DEALKALIZERS
DEGASIFIERS REACTORS & CLARIFIERS
CONTINUOUS BLOWOFF SYSTEMS
STEAM SPECIALTIES CONDENSATE RETURN SYSTEMS

To give you prompt consultation and service, Cochrane Water Engineers are strategically located in 29 cities throughout the United States. *Write for the address of our office nearest you.*

"We need an unbiased water conditionin
recommendation. Let's get a proposal fro



Whether your water conditioning problem is simple or complex, call on Cochrane. Our full range of water conditioning equipment assures you unbiased recommendations and freedom from makeshift methods.

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Cochrane recommendations are based on 90 year specialized experience in water treatment. And t recommendations are without bias or prejudice—bec Cochrane designs and builds *every kind and typ* industrial water treating equipment."—From Coch you get the plan and the products to give you wate the quantity and quality you want—with grea economy. Before you decide on any water conditio system, be sure to consult Cochrane water engine

COCHRANE CORPORATION
WATER ENGINEERS FOR
90 YEARS
1863 - 1953

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