

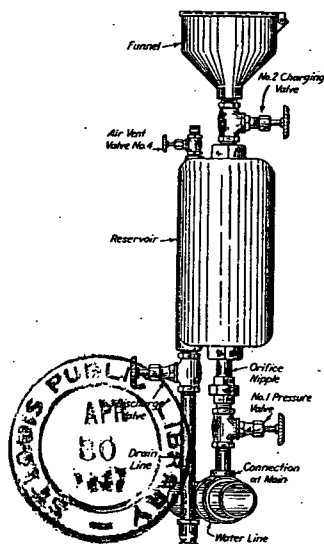
Ferro-Nil Corporation

500 Fifth Avenue

New York City

WATER CONDITIONING FOR AIR CONDITIONING

FERRO-NIL SERVICE IS USED FOR PREVENTION OF CORROSION



FERRO-NIL INJECTOR FOR AIR CONDITIONING EQUIPMENT

Operation

Close pressure valve No. 1, open charging valve No. 2, and air vent valve No. 4. Now open discharge valve No. 3.

After contents of injector have been entirely drained out, flush injector by opening pressure valve No. 1 for a short time, permitting water to flush out through discharge valve No. 3.

After closing pressure valve No. 1, close discharge valve No. 3.

Pour into the funnel the required amount of Ferro-Nil through charging valve No. 2. Flush funnel and charging valve No. 2 with 1 pint of water after Ferro-Nil has passed into reservoir.

Now close charging valve No. 2 and air vent valve No. 4. Open pressure valve No. 1.

Pour 1 pint of water into funnel to insure easy reopening of charging valve No. 2. Injector is now in operation.

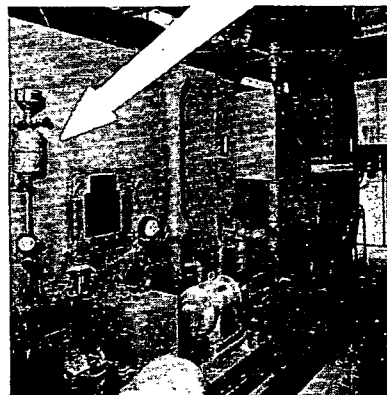
Close valve No. 1 when water circulating pump is shut down.

Open valve No. 1 at time water circulating pump is started.

All water used for washing air picks up corrosive matter from the air. The corrosive matter may be oxygen, carbon dioxide, sulphur trioxide or sulphur dioxide. In air conditioning systems where water is recirculated, the amount of acidic material contained in the water may reach very high levels. This acid water will corrode metallic surfaces with which it comes in contact. In severe cases equipment has been known to fail after three months' operation due to corrosive action of water used.

Engineers, Architects and Contractors can avoid responsibility for failure of equipment due to corrosion by specifying Ferro-Nil service.

Ferro-Nil Service by maintaining water in a non-corrosive condition, prevents corrosion. Corrosion causes high rates of depreciation. Ferro-Nil Service by maintaining metallic surfaces free from rust and scale affords optimum heat transfer efficiencies at all times.



Typical installation of Ferro-Nil chemical feeder on air washer in transformer room—in this particular installation (11) eleven air washers are so equipped.

Let us submit estimate on cost of Ferro-Nil Service for your air conditioning equipment.

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