

# DISTRICT HEATING

2ND QUARTER

VOLUME 65 - NUMBER 4

**Long Range Planning of Large  
District Heating/Cooling Systems**

**Computer Program to Measure  
Heat and Pressure Losses**

AN OFFICIAL PUBLICATION OF THE INTERNATIONAL DISTRICT HEATING ASSOCIATION  
PUBLISHED QUARTERLY SINCE 1915

## REPORT ON THE 1979 UNICHAL CONGRESS

The 1979 UNICHAL (Union Internationale des Distributeurs de Chaleur) Congress was held May 14 to 18 in Stockholm, Sweden, with over 600 people attending from 19 countries. This congress marked the 25th anniversary of UNICHAL, and the theme of "Installations and Heat Production Methods for District Heating: Conventional Means and New Solutions" set the tone of cooperation for advancement of district heating for which UNICHAL has worked since its inception.

New business included the election of new officers, and outgoing president Jan-Erick Ryman of Stockholm turned the reigns over to newly elected president, Lars Larsson of Lahto, Finland.

One of the highlights of the Congress was a large exhibition "1979 District Heating" organized by the Swedish District Heating Company Association for contractors and companies. Ninety-six exhibitors from 8 countries participated in this event.

Talks were presented on Wednesday and general discussions were held Thursday pertaining to solar energy, and various fuels for the production of district heating, among other topics. Speakers who made contributions during Wednesday's session included: Dr. Gerhard Duseter, Energie-versorgung Oberhausen A.G., Federal Republic of Germany, a report by UNICHAL's Nuclear Energy Study Committee "District Heating from Atomic Power Plants-Presentation of single study projects in various UNICHAL Countries"; Dr. I. Olikier, Burns and Roe Inc., U.S., "Economic Feasibility of District Heat Supply from Fossil and Nuclear Cogeneration Power Plants in the U.S.A.;" Bernard LeRouge, Technicatome, France, "The THERMOS Nuclear Heat Reactor"; Bengt Wellenburg, O.E.C.D., France, "Heat Production and Distribution-Problems and Remedies".

A number of cultural and social events were planned for the participants and their accompanying persons, including a banquet given by A B Svarthansforsen, the energy company for Stockholm on Thursday evening. Among the speakers for the evening was Lawrence E. Tuck of Boston Edison Company, representing IDHA at the congress.

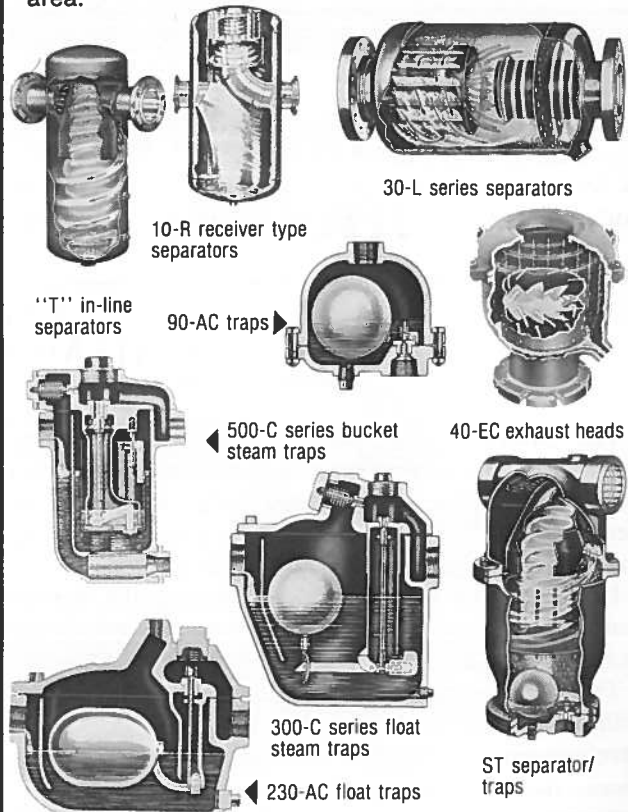
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