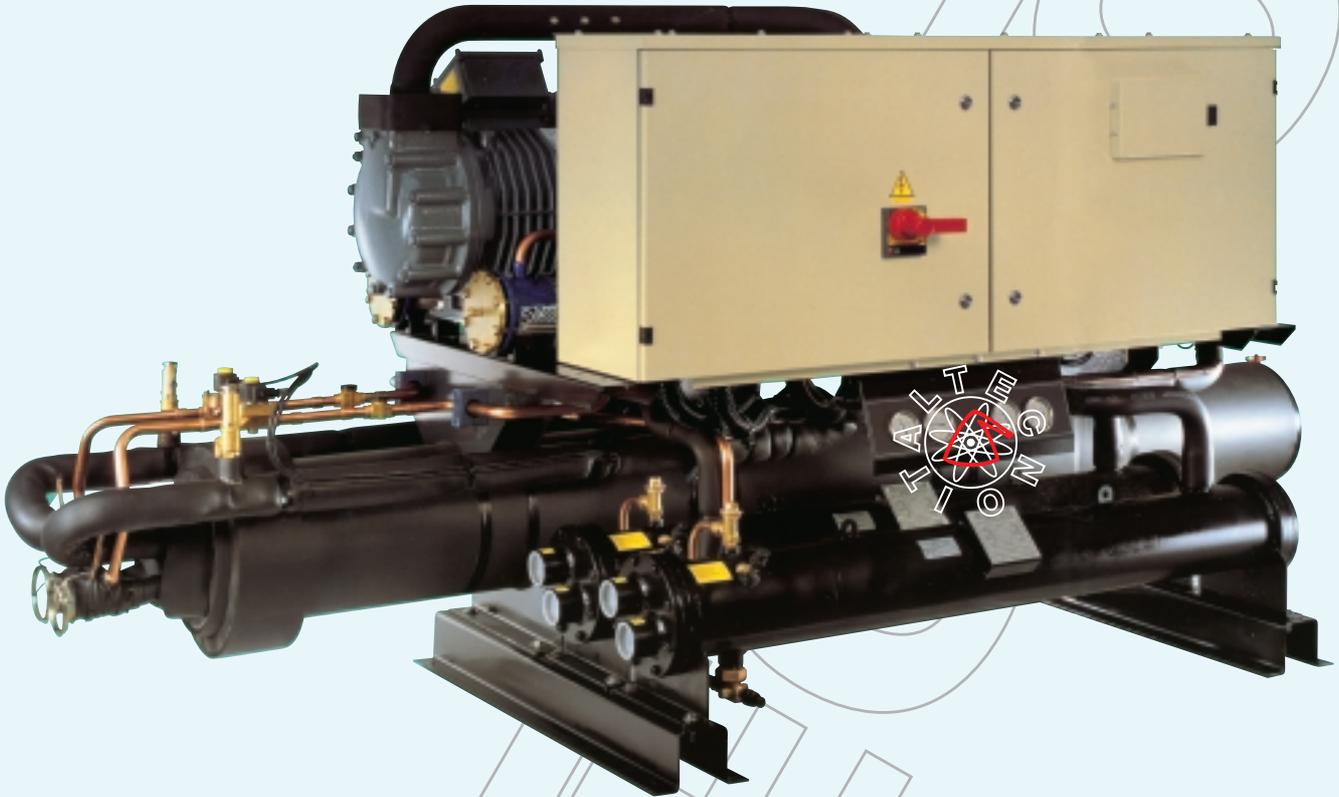




Water Chiller with water condensation and semi-hermetic compressors

TECNO-RWM



SEMI-HERMETIC COMPRESSORS

The use of top brand semi-hermetic compressors provides a guarantee of reliability and permits maintenance of the compressor heads and cylinders. The use of these compressors with generously sized evaporators and condensers permits to obtain optimum energy efficiency.

COOLING CIRCUIT

All models whose codes end with the number 2, 3 or 4 have two, three or four independent cooling circuits which always guarantee 50%, 66% or 75% of the machine cooling capacity when maintenance is being carried out on one of the circuits. Only the models TECNO-RWM 0201, 0251, 0301, 351, 401, 501, and 601 have a single cooling circuit.

COMPACT DIMENSIONS

The lay-out of the components has been optimized to reduce the overall dimensions of the chillers to the minimum.

CONTROL AND MANAGEMENT

In TECNO-RWM with one or two circuits (TECNO-RWM 0201 ÷ 0601, TECNO-RWM 0402 ÷ 1602) you can choose between two types of control panels: "STAGE 3" micro-processor and pCO; in models with three or four circuits (TECNO-RWM 1803 ÷ 3204) there is always the pCO control panel. "STAGE 3", with a 3-digit segment display, measures and controls the water inlet and outlet temperatures, displays 16 different alarms and manages two control steps (50-100%) for models with two circuits. It is available a data communication serial



line for local monitoring (up to 1 km) of one or more units (up to 16 maximum) using SUPERVISOR system.

The pCO, with a liquid crystal display, has all the functions of "STAGE 3" but allows a greater number of alarms to be managed, 4 control steps (25-50-75-100%), count of the working hours, and the use of pressure transducers is possible for controlling the cooling circuits. The addition of appropriate modules allows weekly operation to be pro-

grammed, data print-out, and it is possible to place another display up to a distance of 300 mt. from the unit.

A data communication serial line is also available for local monitoring up to 1 km and for long distance monitoring via modem of one or more units (up to 32 maximum) using EASY-TEL network.

The TECNO-RWM series of water chillers covers a range of installed nominal powers from 20 to 320 HP.

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