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**ASHRAE Israel Chapter**

**Key Factors to Design Heat Pumps and Multipurpose Systems**

**בסיס הידע לתכנון משאבות חום ומערכות 4 צינורות**

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The common practice in use with many consultants to design and select the new generation of heat pumps and multipurpose units need to be revised taking into account extremely important facts in order to grant efficiency, endurance and low maintenance costs.

We will be present the main aspects that need to be taken into consideration like the active water content, the position of the inertial tanks and the ways to select a multipurpose unit.



- Technical & Industrial State Institute “A. Rossi”, Vicenza Italy. Specialization in Industrial Electrotonic.

- Strategic Marketing management master at CUOA in Altavilla Vicenza

- Managerial Responsibility master (Watson Wyatt Isso)

- Leadership course Blanchard Training and development Inc USA (CA).

- Member of AICARR since 1999 Founded in 1960, AiCARR has always dealt with issues relating to the responsible use of energy and natural resources and the innovation of energy infrastructures, both in residential and industrial buildings.

- Research achievement (FIAMM Lab): Development of algorithm for the analysis of the state of charge of lead acid batteries used in Electric and Hybrid vehicles named as “AMELIA” (Advanced Management Energy Loaded In Accumulators). The algorithm was in use by the hybrid vehicles developed by the company ALTRA and it was implemented by company SGS Thomson. The same algorithm was used in designing the batteries for AGV (Automatic Guided Vehicles).

Career:

1999 – 2023 AERMEC S.p.A.: Aermec is the main company among the GIORDANO RIELLO INTERNATIONAL GROUP.

Position in the Company:

- 1999 International Sales Director at AERMERC S.p.a. Italy

- 2001 President Managing Director AERMEC France SAS.

- 2003 Chairman of the board Aermec UK Ltd.

- 2012 President and member of the board Aermec Polska.

1985 – 1999 FIAMM S.p.A FIAMM information:

Position in the Company:

- 1998 Marketing & Business Development Director. At FIAMM S.p.a. Italy

- 1996 WW O.E. and Distributors Director at FIAMM S.p.A. Italy.

- 1993 Area Manager for Asia Meddle East and Europe and WW technical marketing Manager at FIAMM S.p.A. Italy

- 1989 WW Product Marketing Manager at FIAMM S.p.A. Italy

- 1985 Research LAB Technician at FIAMM S.p.A. Italy- Form