Latest stage of development on PinkChiller Absorption Chiller

DI(FH) Werner Pink, Pink GmbH

Austria
Latest development on PinkChiller PC19

- Hot-water-driven absorption chiller
- Nominal cooling power PinkChiller PC19: 19kWc
- Power-range 3 to 22 kW
- Cascadable up to 100kWc
- Driving temperatures 65°C to 110°C
- Cold-water temperatures -7°C to +20°C
- Cooling-water temperatures 14 to 40°C
- Heat-pump-mode possible
- Natural, environmentally friendly refrigerant R717
  - No vacuum
  - No crystallization
- Own development based on first generations in cooperation with SolarNext

- Multi purpose due to wide LT-temp. range!
Intelligent Chiller Control

- Power-control / modulation (incl. speed control of the solution pump and all peripheral pumps and fans)
- Cold-water-temperature-setting (local or external)
- „Stand-alone-operation-control“ with cold-water and hot-water-storage-tank included
- Control of heat rejection and water-treatment included
- Measurement and display of all relevant process-parameters
- Measurement and display of all parameters of the three hydraulic cycles:
  - Temperature (IN/OUT)
  - Volume flow
- Complete power-measurement and capacity-metering included
- User-friendly user-interface and display
- Remote-control and visualization via LAN/Internet
- Data-logging possible
- Communication with building automation systems
Total installations: 38
PinkChiller: 30
Others: 8
Total installations: 18
PinkChiller: 11  ●
Others: 7  ●

Detailed internal or external monitoring of the installations during the last years!
Find us at the Gleisdorf Solar 2012 exhibition for further details!

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