



netec

Energy Technology

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Pump- and Safety unit **PGR-2** with a high-efficiency pump

- Usage:** Circulation of brine through a ground-heat-exchanger to preheat cold outer air in winter and to precool hot outer air in summer. Sized for single- up to 5-family houses with fresh air flows up to 500 m³/h in combination with Netec pump controller HTR 2-2.
- Components:** 230 V- 50 Hz high-efficiency-pump WIL0 Yonos Para ST 15/7.0 PWM2. Fittings for filling and draining and temperature control. Delivered inclusive a security group with manometer, overpressure valve, vent valve (see small photo) and inclusive an inox connection pipe for its connection (not shown in the upper photo).
- Connections:**
- brine pipes connections for Cu-pipe 22 mm
 - Filling-emptying connections with stopcock, 3/4" male thread
 - connection inox pipe to the pressure compensation tank with both sides 3/4"- screw cap; length = 50 cm
 - Safety unit with manometer 0-4 bar and overpressure valve 3 bar
- Accessories:**
- Netec brine pump controller **HTR2-2** (stepless modulating)
 - Netec brine to air heat-exchangers type **CWK 300 F-iso** with insulated body and integrated large air-filter (F7, 2,89 m²)
 - Netec brine to air heat-exchanger series **CWK Standard** with not insulated body and without integrated filter
- Electrical supply:** 230 Volts, 50 Hertz.
- Availability:** From July 2014