



iTech PROPANTECH | Natural refrigerant chiller (R-290)

## iTech PROPANTECH

Natural refrigerant chiller (R-290) | 10 – 200 kW

**GWP: 3 – the most environmentally friendly industrial refrigerant, not subject to the HFC quota**



The PROPANTECH uses R-290 (propane) natural refrigerant with a GWP of just 3 (R-410A: 2088). Excellent thermodynamic properties, low consumption. Factory-equipped with ATEX explosion-proof fans, a gas leak detector and a pump-down system for maximum safety.



## Technical specifications

| Parameter        | Value                                       |
|------------------|---------------------------------------------|
| Cooling capacity | 10 – 200 kW                                 |
| Compressor       | Semi-hermetic reciprocating / screw         |
| Refrigerant      | R-290 (propane) – ODP: 0, GWP: 3            |
| Fan              | ATEX explosion-proof axial                  |
| Safety           | Gas leak detector, pump-down, safety valves |
| Evaporator       | Shell-and-tube / plate                      |
| Condenser        | Microchannel / gold epoxy                   |
| Control          | PLC touchscreen                             |

## Key benefits

- GWP: 3 (R-410A: 2088!) – most environmentally friendly
- Not subject to the HFC quota – stable price in the long term
- ATEX safety factory-fitted
- Excellent energy efficiency
- The most future-proof choice with regard to the EU F-gas Regulation

## Typical applications

- Environmentally conscious plants
- F-gas reduction
- Food industry
- Green grant projects

**Cyber in Systems Kft. (CIS) – Exclusive distributor of iTech**

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