Performers® Heat Pump scroll compressors
50 Hz - R407C
**QUICK REFERENCE**

**PRODUCT RANGE**

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**TECHNICAL SPECIFICATIONS**

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<th>Max. A.</th>
<th>Heating efficiency</th>
<th>Swept volume</th>
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Evaporating temperature: -7°C  
Condensing temperature: 50°C  
Superheat: 10 K  
Subcooling: 5 K  
Conditions: 400V/3ph/50Hz (motor T4), 230V/1ph/50 Hz (motor T5)

For full data details and capacity tables refer to Online Datasheet Generator: [www.danfoss.com/odsg](http://www.danfoss.com/odsg)

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**NAMEPLATE REFERENCE**

**Application**: H: high temperature  

**Family**: HP: heat pump R407C PVE  

**Nominal capacity**:  

**Model variation**: T motor design  

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**Other features**

- Oil sight glass
- Oil equalisation
- Oil drain
- LP gauge port
- Gas equalisation port

- Tubing and electrical connections:  
  - P: brazed connections, spade terminals  
  - C: brazed connections, screw terminals

- Motor protection:  
  - L: internal motor protection

- Motor voltage code:  
  - 4: 380-400V/3~/50 Hz  
  - 5: 220-240V/1~/50 Hz

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FRCC.PK.018.A2.02
## Quick Reference Technical Data

### Ordering Information and Packaging

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<th>Model Variation</th>
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### Application Envelope

**Legend:**
- **To:** Evaporating temperature in °C
- **H:** Heating capacity in W
- **Pe:** Power input in kW
- **SH = 5 K:** Superheat = 5 K
- **SH = 10 K:** Subcooling = 5 K

### Further Reference

For more exhaustive information on Performer® Heat Pump scroll compressors, please refer to the following documents:

- Online datasheet generator: www.danfoss.com/odsg - a tool providing user-friendly access to full technical data, performance data & outline drawings for each individual compressor.
- Selection and application guidelines for Performer® Heat Pump scroll compressors - ref. FRCC.PC.017.

Above documents and datasheet generator are available on the Danfoss Commercial Compressors internet website: http://cc.danfoss.com
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Within refrigeration and air conditioning, Danfoss is a worldwide manufacturer with a leading position in industrial, commercial and supermarket refrigeration as well as air conditioning and climate solutions. We focus on our core business of making quality products, components and systems that enhance performance and reduce total life cycle costs – the key to major savings.

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Household Compressors
Commercial Compressors
Sub-Assemblies
Thermostats
Brazed plate heat exchanger

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