



environ

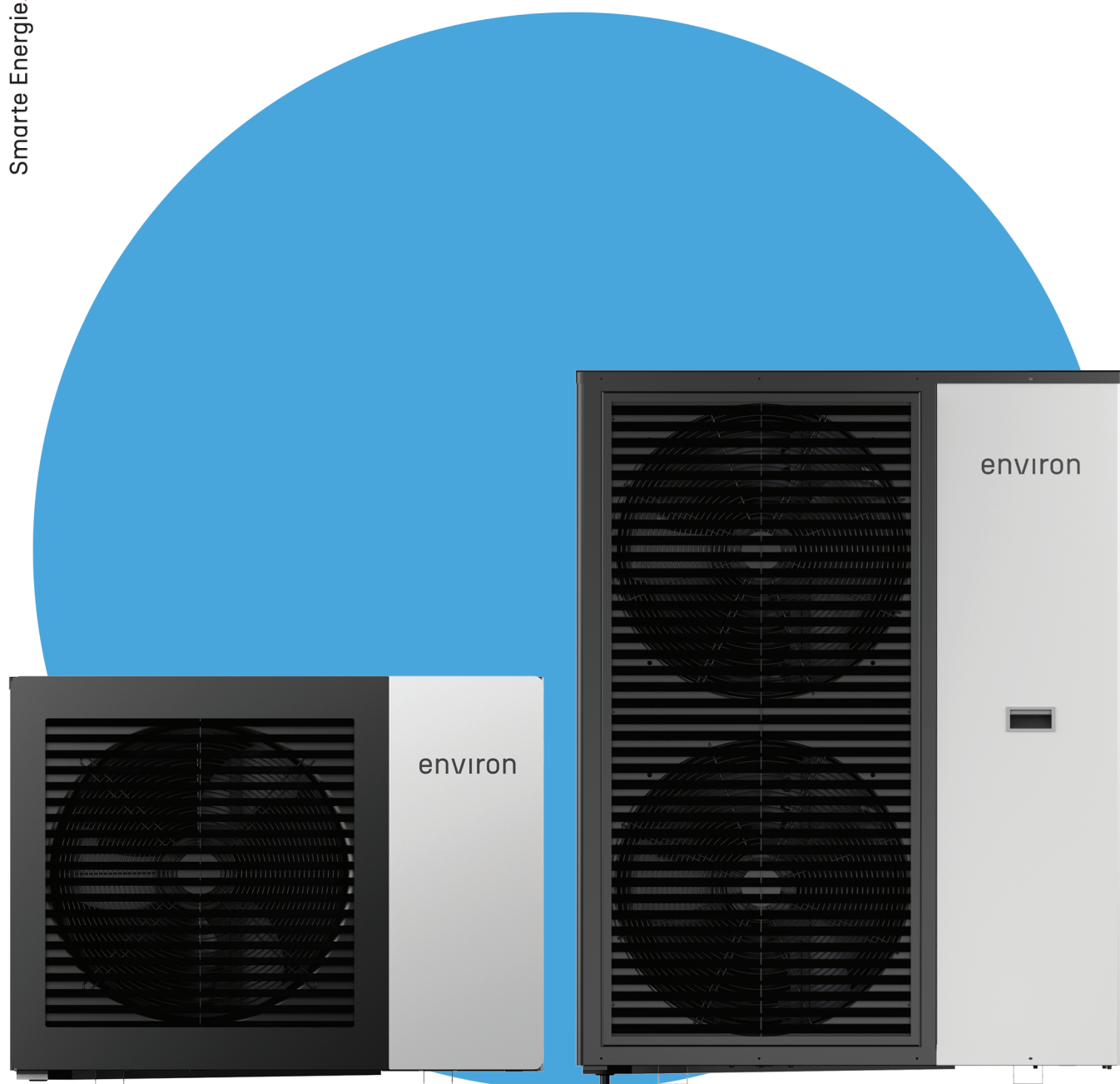
environgroup.de

# Professional Heat Pumps

Produktdatenblatt

Konformitätserklärung

Smarte Energie. Für Alle.



# Technische Daten

| Modelle                                     |                  |       | ENHP-6-R32                           | ENHP-10-R32  | ENHP-14-R32      | ENHP-18-R32  | ENHP-24-R32  |
|---------------------------------------------|------------------|-------|--------------------------------------|--------------|------------------|--------------|--------------|
| Power Supply                                |                  | /     | 220-240~/50Hz                        |              | 380-415/3N~/50Hz |              |              |
| Nominal Heating (Max)<br>(A7/6°CX,W30/35°C) | Heating Capacity | kW    | 2.50-8.30                            | 4.20-12.20   | 5.30-16.60       | 6.20-19.80   | 6.00-26.10   |
|                                             | Power Input      | kW    | 0.57-1.92                            | 0.86-2.88    | 1.15-4.15        | 1.36-5.28    | 1.78-6.45    |
|                                             | Current Input    | A     | 2.53-8.52                            | 3.82-12.77   | 1.86-6.70        | 2.31-8.96    | 2.87-10.35   |
|                                             | COP              | W/W   | 4.32-5.86                            | 4.32-5.39    | 3.97-5.43        | 3.88-5.21    | 4.04-5.43    |
| Nominal Heating (Max)<br>(A7/6°C,W47/55°C)  | Heating Capacity | kW    | 2.30-7.62                            | 3.85-11.20   | 4.90-15.10       | 6.30-19.90   | 6.90-26.10   |
|                                             | Power Input      | kW    | 0.75-2.61                            | 1.13-3.75    | 1.65-5.25        | 1.65-6.82    | 1.95-8.55    |
|                                             | Current Input    | A     | 3.32- 11.58                          | 5.01-16.60   | 1.67-8.47        | 2.80-11.58   | 3.15-13.80   |
|                                             | COP              | W/W   | 2.92-3.33                            | 2.99-3.46    | 2.87-3.38        | 2.91-3.37    | 3.05-3.42    |
| Nominal Cooling (Max)<br>(A35/24°C,W12/7°C) | Heating Capacity | kW    | 1.80-7.10                            | 2.60-10.30   | 4.50-13.50       | 5.50-17.50   | 5.20-21.30   |
|                                             | Power Input      | kW    | 0.61-2.43                            | 0.91-3.65    | 1.45-4.85        | 1.65-6.25    | 1.95-8.20    |
|                                             | Current Input    | A     | 2.71-10.78                           | 4.03-3.65    | 2.34-7.82        | 2.80-10.61   | 3.15-13.23   |
|                                             | EER              | W/W   | 3.04                                 | 3.00         | 2.87             | 2.96         | 2.92         |
| ERP Lev (Outlet water temp. at 35°C)        |                  | /     | A+++                                 |              |                  |              |              |
| Rated input power                           |                  | kW    | 2.71                                 | 3.83         | 6.20             | 7.50         | 10.00        |
| Rated Input current                         |                  | A     | 12.00                                | 17.00        | 10.50            | 13.00        | 17.00        |
| Refrigerant Type /Charge/GWF                |                  | /kg   | R32/1.25/675                         | R32/1.80/675 | R32/2.80/675     | R32/3.50/675 | R32/3.50/675 |
| CO <sup>2</sup> Equivalent                  |                  | /     | 0.84t                                | 1.21t        | 1.89t            | 2.36t        | 2.36t        |
| Operation Pressure(Low Side)                |                  | MPa   | 1.5                                  | 1.5          | 1.5              | 1.5          | 1.5          |
| Operation Pressure(High Side)               |                  | MPa   | 4.4                                  | 4.4          | 4.4              | 4.4          | 4.4          |
| Maximum Allowable Pressure                  |                  | MPa   | 4.4                                  | 4.4          | 4.4              | 4.4          | 4.4          |
| Fan quantity                                |                  | /     | 1                                    | 1            | 1                | 2            | 2            |
| Fan motor type                              |                  | /     | DC inverter                          |              |                  |              |              |
| Compressor                                  |                  | /     | Panasonic/DC inverter/<br>Rotary/EVI |              |                  |              |              |
| Compressor oil type                         |                  | /     | Synthetic                            |              |                  |              |              |
| Circulating pump                            |                  | /     | Inverter type/build-in               |              |                  |              |              |
| IP Class                                    |                  | /     | IPX4                                 |              |                  |              |              |
| Electrical Shockproof                       |                  | /     | I                                    |              |                  |              |              |
| Sound power                                 |                  | dB(A) | 55                                   | 60           | 61               | 71           | 73           |
| Max outlet water temperature                |                  | °C    | 60                                   |              |                  |              |              |
| Water piping connections                    |                  | inch  | G1                                   | G1           | G1-1/4           | G1-1/2       | G1-1/2       |
| Rated water flow                            |                  | m3/h  | 1.10                                 | 1.75         | 2.52             | 3.20         | 4.12         |
| Fan Air flow                                |                  | m3/h  | 3500                                 | 4500         | 6500             | 8500         | 8500         |
| Fan output                                  |                  | W     | 85                                   | 85           | 170              | 85           | 85           |
| Fan Speed                                   |                  | RPM   | 850                                  | 850          | 820              | 850          | 850          |
| Start up Current                            |                  | A     | 4                                    | 4            | 4                | 4            | 4            |
| Water Pressure drop(max)                    |                  | kPa   | 25                                   | 27           | 30               | 32           | 35           |

| Modelle                                       |    |               | ENHP-6-R32    | ENHP-10-R32   | ENHP-14-R32   | ENHP-18-R32   | ENHP-24-R32 |
|-----------------------------------------------|----|---------------|---------------|---------------|---------------|---------------|-------------|
| Operating temperature range<br>(Heating mode) | °C | -25~45        |               |               |               |               |             |
| Operating temperature range<br>(Cooing mode)  | °C | 16~45         |               |               |               |               |             |
| Unpacked Dimensions( LxDxH )                  | mm | 1100*445*850  | 1100*445*850  | 1100*480*850  | 1100*445*1450 | 1100*445*1450 |             |
| Packed Dimensions( LxDxH )                    | mm | 1160*530*1010 | 1160*530*1010 | 1160*565*1010 | 1170*530*1610 | 1170*530*1610 |             |
| Unpacked Weight                               | kg | 102           | 107           | 124           | 151           | 160           |             |
| Packed Weight                                 | kg | 114           | 119           | 136           | 168           | 177           |             |

# Konformitätserklärung



**Produktbezeichnung** environ Professional Heat Pump

**Typenbezeichnung**  
ENHP-6-R32  
ENHP-10-R32  
ENHP-14-R32  
ENHP-18-R32  
ENHP-24-R32

Wir, die ENVIRON Energie- und Umwelttechnik GmbH & Co. KG, Robert-Bosch-Straße 9, 78048 Villingen-Schwenningen, Deutschland, erklären in alleiniger Verantwortung, dass das bezeichnete Produkt die Bestimmungen folgender Richtlinien und Verordnungen erfüllt:

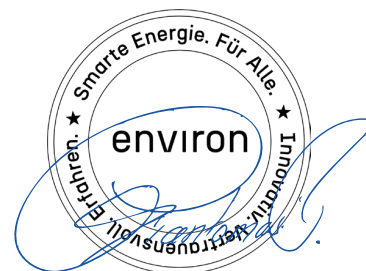
|                                      |                                                                                                    |
|--------------------------------------|----------------------------------------------------------------------------------------------------|
| Niederspannungsrichtlinie 2014/35/EU | EN 60335-2-40:2003 + A13:2012/AC2013<br>EN 60335-1:2012 + A15:2021<br>EN 62233:2008/AC:2008        |
| EMV Richtlinie 2014/30/EU            | EN IEC 55014-1:2021<br>EN IEC 55014-2:2021<br>EN IEC 61000-3-2:2019<br>EN 61000-3-3:2013 + A1:2019 |
| Ökodesign Richtlinie 2009/125/EG     | (EU) No. 813/2013<br>EN 14825:2022<br>EN 12102-1:2022                                              |
| RoHS Richtlinie 2011/65/EU           |                                                                                                    |
| Zusätzlich angewandte Normen         | EN 14511:2022                                                                                      |

Bei eigenmächtigen Änderungen an den gelieferten Produkten und / oder nicht bestimmungsgemäßer Verwendung erlischt die Gültigkeit dieser Konformitätserklärung.

Ort, Datum: Villingen-Schwenningen, 09.12.2024

Unterschrift Geschäftsführer: Pietro Giantomasi

Bei jeglicher Veränderung am Baumuster verliert diese Konformitätserklärung ihre Gültigkeit.





ENVIRON Energie- und Umwelttechnik GmbH & Co. KG  
Robert-Bosch Straße 9,  
78048 Villingen-Schwenningen

[info@environgroup.de](mailto:info@environgroup.de)  
[www.environgroup.de](http://www.environgroup.de)

+49 7705 9769691

Smarte Energie. Für Alle.