HTW
QUALITY COMFORT EVERYWHERE

# HPWH RANGE

R-32

3 YEARS WARRANTY TOTAL QUALITY COMMITMENT

A+++ EER

EER 5,55

COP 5,20

## ECO-THERMAL BIBLOCK
# MURAL

WiFi INCLUDED

Modbus gateway

Wiring control

DC inverter

DC Inverter Compressor and fans

MODE

Several modes

Hight protection

Anti-legionella function

Smart grid

Compact design

Cold and heat mode

Amplio

Wide range of functioning

Higher efficiency to low temperature

°C 5~60

Configurable range of temperature

▶1/4

| MODEL | | | HTW-K4BPMR32 | HTW-K6BPMR32 | HTW-K8BPMR32 | HTW-K10BPMR32 | HTW-K12BPMR32 |
|---|---|---|---|---|---|---|---|
| EAN CODE | | | 8435483848900 | 8435483848931 | 8435483848962 | 8435483848993 | 8435483849020 |
| POWER SUPPLY (exterior) | | V,F,HZ | 220-240V (1 Phase ~ 50Hz) | | | | 380-415V (3 Phase ~ 50Hz) |
| **PERFORMANCE** | | | | | | | |
| Heating capacity (1) LWT at 35º | Total power | kW | 4,20 | 6,00 | 7,90 | 9,70 | 12,10 |
| | Absorbed power | kW | 0,86 | 1,23 | 1,75 | 2,10 | 2,68 |
| | COP | - | 4,89 | 4,89 | 4,52 | 4,61 | 4,52 |
| Heating capacity (2) LWT 45º | Total power | kW | 4,10 | 6,10 | 8,30 | 9,90 | 11,60 |
| | Absorbed power | kW | 1,18 | 1,70 | 2,41 | 2,83 | 3,66 |
| | COP | - | 3,47 | 3,58 | 3,45 | 3,48 | 3,17 |
| Heating capacity (3) LWT 55º | Total power | kW | 4,00 | 6,20 | 8,00 | 9,90 | 11,70 |
| | Absorbed power | kW | 1,65 | 2,18 | 2,96 | 3,58 | 4,30 |
| | COP | - | 2,42 | 2,84 | 2,70 | 2,77 | 2,72 |
| Heating capacity (3) LWT 18º | Total power | kW | 4,20 | 6,20 | 8,10 | 10,30 | 12,10 |
| | Absorbed power | kW | 0,78 | 1,29 | 1,76 | 2,25 | 2,99 |
| | COP | - | 5,41 | 4,81 | 4,59 | 4,58 | 4,04 |
| Heating capacity (3) LWT 7º | Capacity | kW | 4,20 | 6,00 | 7,70 | 9,60 | 10,90 |
| | Nominal power | kW | 1,35 | 2,04 | 2,77 | 3,26 | 4,09 |
| | EER | - | 3,12 | 2,94 | 2,78 | 2,94 | 2,66 |
| **SEASONAL PERFORMANCE** | | | | | | | |
| Technical characteristics | LWT a 35º | -- | A+++ | A+++ | A+++ | A+++ | A+++ |
| | LWT a 55º | -- | A++ | A++ | A++ | A++ | A++ |
| SCOP | LWT a 35º | -- | 4,88 | 4,90 | 4,61 | 4,82 | 4,70 |
| | LWT a 55º | -- | 3,40 | 3,36 | 3,20 | 3,21 | 3,37 |
| SEER | LWT a 7º | -- | 5,33 | 5,27 | 5,23 | 5,12 | 4,91 |
| | LWT a 18º | -- | 8,29 | 8,34 | 8,19 | 8,23 | 7,82 |
| **OPERATING TEMPERATURE LIMIT RANGE** | | | | | | | |
| Refrigerant | Mín / Max | °C | -5 a 43 | -5 a 43 | -5 a 43 | -5 a 43 | -5 a 43 |
| Cooling Capacity | Mín / Max | °C | -25 a 35 | -25 a 35 | -25 a 35 | -25 a 35 | -25 a 35 |
| ACS | Mín / Max | °C | -25 a 43 | -25 a 43 | -25 a 43 | -25 a 43 | -25 a 43 |
| **TECHNICAL CHARACTERISTICS** | | | | | | | |
| Noise level | Inner unit | db | 42 | 42 | 42 | 42 | 42 |
| | outer unit | db | 56 | 58 | 59 | 60 | 64 |
| Compressor | | m | Twin rotary DC inverter | Twin rotary DC inverter | Twin rotary DC inverter | Twin rotary DC inverter | Twin rotary DC inverter |
| | Brand | m | Mitsubishi | Mitsubishi | Mitsubishi | Mitsubishi | Mitsubishi |
| | Cantidad | | 1 | 1 | 1 | 1 | 1 |
| Refrigerant gas | | | R32 | R32 | R32 | R32 | R32 |
| Refrigerant charge | | | 1,4 | 1,4 | 1,5 | 1,6 | 1,75 |
| GWT | | | 675 | 675 | 675 | 675 | 675 |
| CO2 Equivalent | | | 0,9450 | 0,9450 | 1,0125 | 1,0800 | 1,1813 |
| Refrigerant pressure | Max / Min | MPa | 4,5 / 1,5 | 4,5 / 1,5 | 4,5 / 1,5 | 4,5 / 1,5 | 4,5 / 1,5 |
| MOP (Max. overcurrent protection) | | A | 48 | 48 | 30 | 30 | 30 |
| MCA (Minimum amperage) | | A | 40 | 40 | 24 | 25 | 26 |
| Electrical resistance protection | | | IPX4 | IPX4 | IPX4 | IPX4 | IPX4 |
| Water circuit pressure drop | | kPa | 25 | 25 | 39 | 37 | 36 |
| Expansion type | | | Electronic expansion valve | | | | |
| Fan | Engine type | | Brushless DC | Brushless DC | Brushless DC | Brushless DC | Brushless DC |
| | Brand | | Panasonic | Panasonic | Panasonic | Panasonic | Panasonic |
| | nº | | 1 | 1 | 1 | 1 | 1 |
| Air exchanger | | | Al hidrofílico y Cu | Al hidrofílico y Cu | Al hidrofílico y Cu | Al hidrofílico y Cu | Al hidrofílico y Cu |
| Electrical resistance | Optional / Series | | Serie | Serie | Serie | Serie | Serie |
| | Power | | 3 | 3 | 3 | 3 | 3 |
| | Stages | | 1 | 1 | 1 | 1 | 1 |
| | Nominal voltage | | 220/50 | 220/50 | 220/50 | 220/50 | 220/50 |
| Secondary circulator | Drive height | m | 9 | 9 | 9 | 9 | 9 |
| | | m3/h | 4,5 | 4,5 | 4,5 | 4,5 | 4,5 |
| Expansion vessel | | L | 5 | 5 | 5 | 5 | 5 |
| Water exchanger | Type | | Plates SUS316 | Plates SUS316 | Plates SUS316 | Plates SUS316 | Plates SUS316 |
| Panel Control | LCD | | GR-LC07 (WIFI) | GR-LC07 (WIFI) | GR-LC07 (WIFI) | GR-LC07 (WIFI) | GR-LC07 (WIFI) |

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EER 5,55
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## ECO-THERMAL BIBLOCK
# MURAL

WiFi INCLUDED — Modbus gateway
Wiring control
DC inverter — DC Inverter Compressor and fans
MODE — Several modes
Hight protection
Anti-legionella function
Smart grid
Compact design
Cold and heat mode
Amplio — Wide range of functioning
Higher efficiency to low temperature
°C 5~60 — Configurable range of temperature

▶2/4

| MODEL | | | HTW-K4BPMR32 | HTW-K6BPMR32 | HTW-K8BPMR32 | HTW-K10BPMR32 | HTW-K12BPMR32 |
|---|---|---|---|---|---|---|---|
| EAN CODE | | | 8435483848900 | 8435483848931 | 8435483848962 | 8435483848993 | 8435483849020 |
| **GAS, LIQUID AND HYDRAULIC CONNECTIONS** | | | | | | | |
| Pipe connection | Liquid | mm | Ø 6,35 | Ø 6,35 | Ø 9,52 | Ø 9,52 | Ø 9,52 |
| | Gas | mm | Ø 15,88 | Ø 15,88 | Ø 15,88 | Ø 15,88 | Ø 15,88 |
| | Minimum length | m | 2 | 2 | 2 | 2 | 2 |
| | Maximum length | m | 15 | 15 | 15 | 15 | 15 |
| Height difference | U. ext. in upper plane | m | 8 | 8 | 8 | 8 | 8 |
| | U. ext. in lower plane | m | 8 | 8 | 8 | 8 | 8 |
| Pipe connection | Inlet | " | 1 | 1 | 1 | 1 | 1 |
| | Outlet | " | 1 | 1 | 1 | 1 | 1 |
| **DIMENSIONS AND WEIGHT** | | | | | | | |
| Net/gross weight | Inner U. | kg | 34/38 | 34/38 | 35/39 | 36/40 | 37/41 |
| | U. e U. outside | kg | 51/62 | 51/62 | 53/64 | 67/78 | 75/85 |
| Dimensions (Height x width x depth) | U. outside (net) | mm | 982×425×712 | 982×425×712 | 982×425×712 | 1003×448×809 | 1003×448×809 |
| | U. outside (w/packaging) | mm | 1025×465×865 | 1025×465×865 | 1025×465×865 | 1045×458×970 | 1045×458×970 |
| | Inner Unit (net) | mm | 909×465×273 | 909×465×273 | 909×465×273 | 909×465×273 | 909×465×273 |
| | Outer Unit (w/packaging) | mm | 960×525×345 | 960×525×345 | 960×525×345 | 960×525×345 | 960×525×345 |

**(1) Outdoor air temperature 7°C DB, 85% RH; EWT 30°C, LWT 35°C**
**(2) Outside air temperature 7°C DB, 85% RH; EWT 40°C, LWT 45°C**
**(3) Outside air temperature 7°C DB, 85% RH; EWT 47°C, LWT 55°C**
**(4) Outdoor air temperature 35°C DB, 85% RH; EWT 23°C, LWT 18°C**
**(5) Outside air temperature 35°C DB, 85% RH; EWT 12°C, LWT 7°C**
**(6) Test standard: EN12102-1**

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EER 5,55

COP 5,20

R-32

3 YEARS WARRANTY TOTAL QUALITY COMMITMENT

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MODE

Several modes

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Anti-legionella function

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Cold and heat mode

Amplio

Wide range of functioning

Higher efficiency to low temperature

5~60

Configurable range of temperature

▶3/4

| MODELO | | | HTW-K14BPMR32 | HTW-K16BPMR32 | HTW-K12BPT3R32 | HTW-K14BPT3R32 | HTW-K16BPT3R32 |
|---|---|---|---|---|---|---|---|
| CÓDIGO EAN | | | 8435483849051 | 8435483849082 | 8435483849112 | 8435483849143 | 8435483849174 |
| POWER SUPPLY (exterior) | | V,F,HZ | 220-240V (1 Phase ~ 50Hz) | | | | 380-415V (3 Phase ~ 50Hz) |
| **PERFORMANCE** | | | | | | | |
| Heating capacity (1) LWT at 35º | Total power | kW | 14,30 | 16,20 | 12,10 | 14,30 | 16,20 |
| | Absorbed power | kW | 3,10 | 3,67 | 2,68 | 3,10 | 3,67 |
| | COP | - | 4,61 | 4,41 | 4,52 | 4,61 | 4,41 |
| Heating capacity (2) LWT 45º | Total power | kW | 14,50 | 16,20 | 11,60 | 14,50 | 16,20 |
| | Absorbed power | kW | 3,89 | 4,48 | 3,66 | 3,89 | 4,48 |
| | COP | - | 3,72 | 3,62 | 3,17 | 3,72 | 3,62 |
| Heating capacity (3) LWT 55º | Total power | kW | 13,80 | 16,20 | 11,70 | 14,10 | 16,20 |
| | Absorbed power | kW | 4,42 | 5,59 | 4,30 | 4,52 | 5,59 |
| | COP | - | 3,12 | 2,90 | 2,72 | 3,12 | 2,90 |
| Heating capacity (3) LWT 18º | Total power | kW | 13,50 | 14,90 | 12,10 | 13,50 | 14,90 |
| | Absorbed power | kW | 3,75 | 4,38 | 2,99 | 3,75 | 4,38 |
| | COP | - | 3,65 | 3,41 | 4,04 | 3,65 | 3,41 |
| Heating capacity (3) LWT 7º | Capacity | kW | 12,70 | 14,00 | 10,90 | 12,70 | 14,00 |
| | Nominal power | kW | 4,98 | 5,71 | 4,09 | 4,98 | 5,71 |
| | EER | - | 2,55 | 2,45 | 2,66 | 2,55 | 2,45 |
| **SEASONAL PERFORMANCE** | | | | | | | |
| Clase energética estacional | LWT a 35º | -- | A+++ | A+++ | A+++ | A+++ | A+++ |
| | LWT a 55º | -- | A++ | A++ | A++ | A++ | A++ |
| SCOP | LWT a 35º | -- | 4,56 | 4,56 | 4,73 | 4,98 | 4,87 |
| | LWT a 55º | -- | 3,33 | 3,36 | 3,47 | 3,49 | 3,69 |
| SEER | LWT a 7º | -- | 4,76 | 4,63 | 5,65 | 5,39 | 5,23 |
| | LWT a 18º | -- | 6,72 | 6,51 | 9,01 | 7,71 | 7,78 |
| **OPERATING TEMPERATURE LIMIT RANGE** | | | | | | | |
| Refrigerant | Mín / Max | ºC | -5 a 43 | -5 a 43 | -5 a 43 | -5 a 43 | -5 a 43 |
| Cooling Capacity | Mín / Max | ºC | -25 a 35 | -25 a 35 | -25 a 35 | -25 a 35 | -25 a 35 |
| ACS | Mín / Max | ºC | -25 a 43 | -25 a 43 | -25 a 43 | -25 a 43 | -25 a 43 |
| **TECHNICAL CHARACTERISTICS** | | | | | | | |
| Noise level | Inner unit | db | 42 | 42 | 42 | 42 | 42 |
| | outer unit | db | 65 | 68 | 64 | 65 | 68 |
| Compressor | | m | Twin rotary DC inverter | Twin rotary DC inverter | Twin rotary DC inverter | Twin rotary DC inverter | Twin rotary DC inverter |
| | Brand | m | Mitsubishi | Mitsubishi | Mitsubishi | Mitsubishi | Mitsubishi |
| | Cantidad | | 1 | 1 | 1 | 1 | 1 |
| Refrigerant gas | | | R32 | R32 | R32 | R32 | R32 |
| Refrigerant charge | | | 1,84 | 1,84 | 1,75 | 1,84 | 1,84 |
| GWT | | | 675 | 675 | 675 | 675 | 675 |
| CO2 Equivalent | | | 1,2420 | 1,2420 | 1,1813 | 1,2420 | 1,2420 |
| Refrigerant pressure | Max / Min | MPa | 4,5 / 1,5 | 4,5 / 1,5 | 4,5 / 1,5 | 4,5 / 1,5 | 4,5 / 1,5 |
| MOP (Max. overcurrent protection) | | A | 48 | 48 | 30 | 30 | 30 |
| MCA (Minimum amperage) | | A | 40 | 40 | 24 | 25 | 26 |
| Electrical resistance protection | | | IPX4 | IPX4 | IPX4 | IPX4 | IPX4 |
| Water circuit pressure drop | | kPa | 38 | 38 | 36 | 38 | 38 |
| Expansion type | | | Electronic expansion valve | | | | |
| Fan | Engine type | | Brushless DC | Brushless DC | Brushless DC | Brushless DC | Brushless DC |
| | Brand | | Panasonic | Panasonic | Panasonic | Panasonic | Panasonic |
| | nº | | 1 | 1 | 1 | 1 | 1 |
| Air exchanger | | | Al hidrofílico y Cu | Al hidrofílico y Cu | Al hidrofílico y Cu | Al hidrofílico y Cu | Al hidrofílico y Cu |
| Electrical resistance | Optional / Series | | - | - | - | - | - |
| | Power | | 3 | 3 | 9 | 9 | 9 |
| | Stages | | 1 | 1 | 3 | 3 | 3 |
| | Nominal voltage | | 220/50 | 220/50 | 380/50 | 380/50 | 380/50 |
| Secondary circulator | Drive height | m | 9 | 9 | 9 | 9 | 9 |
| | | m3/h | 4,5 | 4,5 | 4,5 | 4,5 | 4,5 |
| Expansion vessel | | L | 5 | 5 | 5 | 5 | 5 |
| Water exchanger | Type | | Placas SUS316 | Placas SUS316 | Placas SUS316 | Placas SUS316 | Placas SUS316 |
| Panel Control | LCD | | GR-LC07 (WIFI) | GR-LC07 (WIFI) | GR-LC07 (WIFI) | GR-LC07 (WIFI) | GR-LC07 (WIFI) |

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3 YEARS WARRANTY TOTAL QUALITY COMMITMENT
EER 5,55
COP 5,20

## ECO-THERMAL BIBLOCK
# MURAL

WiFi INCLUDED — Pasarela Modbus — Control remoto — DC inverter Compresor y ventiladores DC Inverter — MODE Varios modos — Alta protección — Función anti-legionela — Red inteligente — Diseño compacto — Modo frío y calor — Amplia gama de funcionamiento — Mayor eficiencia a baja temperatura — Rango de temperatura configurable

▶4/4

| MODEL | | | HTW-K14BPMR32 | HTW-K16BPMR32 | HTW-K12BPT3R32 | HTW-K14BPT3R32 | HTW-K16BPT3R32 |
|---|---|---|---|---|---|---|---|
| EAN CODE | | | 8435483849051 | 8435483849082 | 8435483849112 | 8435483849143 | 8435483849174 |
| **GAS, LIQUID AND HYDRAULIC CONNECTIONS** | | | | | | | |
| Pipe connection | Liquid | mm | Ø 9,52 | Ø 9,52 | Ø 9,52 | Ø 9,52 | Ø 9,52 |
| | Gas | mm | Ø 15,88 | Ø 15,88 | Ø 15,88 | Ø 15,88 | Ø 15,88 |
| | Minimum length | m | 2 | 2 | 2 | 2 | 2 |
| | Maximum length | m | 15 | 15 | 15 | 15 | 15 |
| Height difference | U. ext. in upper plane | m | 8 | 8 | 8 | 8 | 8 |
| | U. ext. in lower plane | m | 8 | 8 | 8 | 8 | 8 |
| Water connections | Inlet | " | 1 | 1 | 1 | 1 | 1 |
| | Outlet | " | 1 | 1 | 1 | 1 | 1 |
| **DIMENSIONS AND WEIGHT** | | | | | | | |
| Net/gross weight | Inner U. | kg | 41/46 | 41/46 | 38/42 | 44/49 | 44/49 |
| | U. e U. outside | kg | 93/108 | 93/108 | 80/90 | 102/117 | 102/117 |
| Dimensions (Height x width x depth) | U. outside (net) | mm | 1104×492×860 | 1104×492×860 | 1003×448×809 | 1104×492×860 | 1104×492×860 |
| | U. outside (w/packaging) | mm | 1165×500×1040 | 1165×500×1040 | 1045×458×970 | 1165×500×1040 | 1165×500×1040 |
| | Inner Unit (net) | mm | 909×465×273 | 909×465×273 | 909×465×273 | 909×465×273 | 909×465×273 |
| | Outer Unit (w/packaging) | mm | 960×525×345 | 960×525×345 | 960×525×345 | 960×525×345 | 960×525×345 |

**(1) Outdoor air temperature 7°C DB, 85% RH; EWT 30°C, LWT 35°C**
**(2) Outside air temperature 7°C DB, 85% RH; EWT 40°C, LWT 45°C**
**(3) Outside air temperature 7°C DB, 85% RH; EWT 47°C, LWT 55°C**
**(4) Outdoor air temperature 35°C DB, 85% RH; EWT 23°C, LWT 18°C**
**(5) Outside air temperature 35°C DB, 85% RH; EWT 12°C, LWT 7°C**
**(6) Test standard: EN12102-1**