HIGH TECHNOLOGY WORLD

# RANGE **OFFICE**

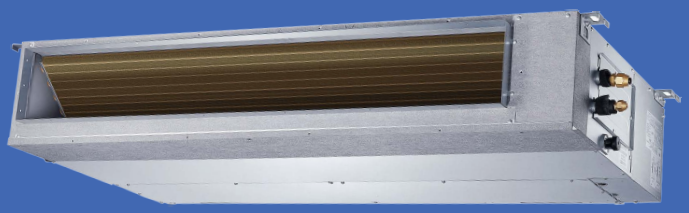
3 YEARS WARRANTY TOTAL QUALITY COMMITMENT

5 YEARS WARRANTY COMPRESSOR QUALITY COMMITMENT

A++ SEER

A+ SCOP

Data sheet



## DUCT

# IX43 R32

R-32

DC inverter — DC Inverter compressor and fans

21 cm — Reduced height

2 communication cables without polarity

Condensate pump

Multifunctional filter

Filter easy to clean

Fresh air

## MODEL

| | | | HTW-D-035IX43R32 | HTW-D-052IX43R32 | HTW-D-071IX43R32 | HTW-D-090IX43R32 |
|---|---|---|---|---|---|---|
| | | IN. | HTW-DI-035IX43R32 | HTW-DI-052IX43R32 | HTW-DI-071IX43R32 | HTW-DI-090IX43R32 |
| | | OUT. | HTW-UO-035IX43R32 | HTW-UO-052IX43R32 | HTW-UO-071IX43R32 | HTW-UO-090IX43R32 |
| Power Supply | | V,P,HZ | 220-240V (1 Phase ~ 50/60Hz) | | | |
| **PERFORMANCE** | | | | | | |
| Cooling | Capacity | kW | 3,51(1,49~4,75) | 5,28 (2,55~5,69) | 7,03 (3,28~8,16) | 8.79(2.23~9.82) |
| | | Btu/h | 12.000 (5.100~16.200) | 18.000 (8.700~19.400) | 24.000 (11.180 - 27.830) | 30000 (7600~33500) |
| | Absorbed power | W | 950 (350~1.620) | 1.633 (710~1.900) | 2.190 (480 - 2.850) | 2600 (190~3350) |
| | SEER | - | 6,5 | 6,1 | 6,1 | 6,1 |
| | Energy class | Cold | A++ | A++ | A++ | A++ |
| Heating | Capacity | kW | 4,10 (0,97~5,63) | 5,86 (2,20~6,15) | 7,62 (2,72~8,72) | 9,38 (2,7~11,14) |
| | | Btu/h | 14.000 (3.300~19.200) | 20.000 (7.500~21.000) | 26.000 (9.280-29.750) | 32.000 (9.200~38.000) |
| | Absorbed power | W | 1.100 (350~2.050) | 1.580 (740~1.760) | 2.050 (500-2.880) | 2.300 (430~2.900) |
| | SCOP | - | 4 | 4 | 4 | 4 |
| | Energy class | Heat | A+ | A+ | A+ | A+ |
| **FEATURES** | | | | | | |
| Indoor unit | Sound power | dB(A) | 56 | 59 | 62 | 65 |
| | Sound pressure (H/M/L) | dB(A) | 35/30,5/26 | 41,5/38/33 | 42/40/38 | 45,5/43/40 |
| | Nominal static pressure (min - max) | Pa | 25 (0 - 60) | 25 (0 - 100) | 25 (0 - 160) | 37 (0 - 160) |
| | Air flow | $m^3/h$ | 600/480/300 | 880/650/350 | 1.248/1.054/839 | 1.400/1.015/635 |
| | Operating temperature | °C | 17~30 | 17~30 | 17~30 | 17~30 |
| Outdoor unit | Sound power | dB(A) | 63 | 65 | 65 | 67 |
| | Sound pressure | dB(A) | 55,5 | 57 | 62 | 58,5 |
| | Air flow | $m^3/h$ | 2.000 | 2.100 | 2.700 | 3.600 |
| | Operation temperature | °C | -15~50 / -15~24 | -15~50 / -15~24 | -15~50 / -15~24 | -15~50 / -15~24 |
| Refrigerant | Type/Charge | R32/Kg | 0,87 | 1,15 | 1,5 | 2 |
| | Additional charge>5 | g/m | 15 | 15 | 30 | 30 |
| **DIMENSIONS AND WEIGHT** | | | | | | |
| Indoor unit | Net dimensions (LxHxD) | mm | 700x200x450 | 880x210x647 | 1.100×249×774 | 1.360x249x774 |
| | Net weight | Kg | 18 | 24,3 | 31,5 | 46,3 |
| Outdoor unit | Net dimensions (LxHxD) | mm | 800x554x333 | 800×554×333 | 845x702x363 | 946x810x410 |
| | Net weight | Kg | 34,7 | 35,6 | 49,4 | 56,9 |
| **CONNECTIONS** | | | | | | |
| Refrigerant pipe | Liquid-Gas | inch | 1/4" - 3/8" | 1/4"-1/2" | 3/8"-5/8" | 3/8" - 5/8" |
| | Max. length | m | 25 | 30 | 50 | 50 |
| | Max. slope | m | 10 | 20 | 25 | 25 |
| Electrical connections | Indoor supply | mm | with communication | with communication | 2x2,5+T | 2 x 2,5 + T |
| | Outdoor supply | mm | 2 x 2,5 + T | 2 x 2,5 + T | 2 x 2,5 + T | 2 x 4 + T |
| | Connections | mm | 4 x 2,5 + T | 3 x 2,5 + T | 2 x 1,5 | 2 x 1,5 |
| EAN CODE | Set | | - | 8435483816640 | 8435483816633 | - |

**HTW** reserves the right to change models and technical data without prior notice. Valid information except typographical or printing error.

| MODEL | | | HTW-D-105IX43R32 | HTW-D-120IX43R32 | HTW-DT3-140IX43R32 | HTW-DT3-160IX43R32 |
|---|---|---|---|---|---|---|
| | | IN. | HTW-DI-105IX43R32 | HTW-DI-120IX43R32 | HTW-DI-140IX43R32 | HTW-DI-160IX43R32 |
| | | OUT. | HTW-UO-105IX43R32 | HTW-UO-120IX43R32 | HTW-UOT3-140IX43R32 | HTW-UOT3-160IX43R32 |
| Power Supply | | V,P,HZ | 220-240V (1 Phase ~ 50/60Hz) | | 380-415V (3 Phase ~ 50Hz) | |
| **PERFORMANCE** | | | | | | |
| Cooling | Capacity | kW | 10,55 (4,04~12,02) | 12,31 (2,58~12,31) | 14,07 (4,26~15,19) | 15,24 (5,86~17,29) |
| | | Btu/h | 36.000(13.800-41.000) | 42.000 (8.800~42.000) | 48.000 (14.545~51.845) | 52.000 (20.000~59.000) |
| | Absorbed power | W | 4.000(902-4.900) | 3.653 (230~4.350) | 5.150 (1.170~5.699) | 5.423 (1.274~6.651) |
| | SEER | - | 6,1 | 6,1 | 6,1 | 6,1 |
| | Energy class | Cold | A++ | A++ | A++ | A++ |
| Heating | Capacity | kW | 11,14 (2,81~13,19) | 13,48 (2,05~14,27) | 16,12 (3,7~18,02) | 18,17 (4,69~20,52) |
| | | Btu/h | 38.000 (9.580-45.000) | 46.000 (7.000~48.700) | 55.000 (12.621~61.500) | 62.000 (16.000~70.000) |
| | Absorbed power | W | 3.100 (800-4.640) | 3.680 (340~4.291) | 4.280 (948~5.824) | 5.329 (1.042~6.034) |
| | SCOP | - | 4 | 4 | 4 | 4 |
| | Energy class | Heat | A+ | A+ | A+ | A+ |
| **FEATURES** | | | | | | |
| Unidad interior | Sound power | dB(A) | 63 | 71 | 68 | 71 |
| | Sound pressure (H/M/L) | dB(A) | 47/43/40 | 53,5/51,3/48,8 | 51/51/48 | 54/52/51 |
| | Nominal static pressure (min - max) | Pa | 37 (0 - 160) | 50 (0 - 160) | 50 (0 - 160) | 50 (0 - 160) |
| | Air flow | $m^3/h$ | 1.400/1.150/750 | 1.871/1.574/1.047 | 2.400/2.040/1.680 | 2.600/2.210/1.820 |
| | Operating temperature | °C | 17 - 30 | 17 - 30 | 17~30 | 17~30 |
| Unidad exterior | Sound power | dB(A) | 67 | 72 | 72 | 74 |
| | Sound pressure | dB(A) | 65 | 65 | 66 | 66 |
| | Air flow | $m^3/h$ | 4.000 | 3.800 | 7.500 | 7.500 |
| | Operating temperature | °C | -15~50 / -15~24 | -15~50 / -15~24 | -15~50 \| -15~24 | -15~50 \| -15~24 |
| Refrigerante | Type/Charge | R32/Kg | 2,4 | 2,8 | 2,8 | 2,95 |
| | Additional charge>5 | g/m | 30 | 30 | 30 | 30 |
| **DIMENSIONES Y PESO** | | | | | | |
| Indoor unit | Net dimensions (WxHxD) | mm | 1.360x249x774 | 1.200x300x874 | 1.200×300×874 | 1.200×300×874 |
| | Net weight | Kg | 40,5 | 52,8 | 47,6 | 47,6 |
| Outdoor unit | Net dimensions (WxHxD) | mm | 946x810x410 | 946x810x410 | 952×1.333×415 | 952×1.333×415 |
| | Net weight | Kg | 66,8 | 73,9 | 106,7 | 111,3 |
| **CONEXIONES** | | | | | | |
| Refrigerant pipe | Liquid-Gas | inch | 3/8" - 5/8" | 3/8" - 5/8" | 3/8"-5/8" | 3/8"-5/8" |
| | Max. length | m | 65 | 50 | 65 | 65 |
| | Max. slope | m | 30 | 30 | 30 | 30 |
| Electrical connections | Indoor supply | mm | 2 x 2,5 + T | 2 x 2,5 + T | 2 x 2,5 + T | 2 x 2,5 + T |
| | Outdoor supply | mm | 2 x 4 + T | 2 x 4 + T | 4 x 4 + T | 4 x 6 + T |
| | Connection | mm | 2 x 1,5 | 2 x 1,5 | 2 x 1,5 | 2 x 1,5 |
| EAN CODE | Set | | 8435483816626 | - | 8435483817227 | 8435483816619 |

**Notes**
Capacity data under standard conditions. Actual data will vary depending on where the equipment is installed and how it is used.
Sound pressure values are measured 1m away in a semi-anechoic chamber.
The dimensions of the electrical wiring are approximate, it should be calculated based on the conditions of the installation itself.

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