

Optimized quality with top features!

- Designed for Finnish conditions - tested in Finland!
- Guaranteed heating capacity up to -25 °C
- Excellent energy efficiency A ++
- A new, more environmentally friendly R32 refrigerant
- Smooth, rounded design
- Unique fireplace function
- Maintenance heating control +5 - +13 °C
- Wi-Fi and SMS control option
- 2 year warranty

Special lifecycle extending features:

- The most energy-efficient compressor in its class
- A specially-coated indoor unit heat exchanger
- Optimal outdoor unit double deicing function
- Dryer and double O-rings in the outdoor unit
- Outdoor unit high pressure switch

Toshiba Optimum Technical specifications

| Outdoor unit | | | RAS-25PAVSG-ND | RAS-35PAVSG-ND |
|-----------------------------------|-------------------------|---|--------------------|--------------------|
| Indoor unit | | | RAS-25PKVSG-ND | RAS-35PKVSG-ND |
| Heating capacity | kW | | 3.2 | 4.2 |
| Heating range (min. - max.) | kW | | 1.00 - 6.50 | 1.00 - 7.70 |
| Power input (min. - kesk. - max.) | kW | H | 0.20 - 0.65 - 1.90 | 0.20 - 0.95 - 2.33 |
| Pdesignh | kW | | 2.8 | 3.4 |
| COP | W/W | | 4.92 | 4.42 |
| SCOP | | | 4.6 | 4.6 |
| Energy efficiency class | | H | A++ | A++ |
| | | | | |
| Cooling capacity | kW | | 2.5 | 3.5 |
| Cooling range (min. - max.) | kW | | 1.1 - 3.5 | 1.1 - 4.5 |
| Power input (min. - kesk. - max.) | kW | C | 0.22 - 0.56 - 0.87 | 0.22 - 0.89 - 1.37 |
| Pdesignc | kW | | 2.5 | 3.5 |
| EER | W/W | | 4.46 | 3.93 |
| SEER | | | 6.3 | 6.8 |
| Energy efficiency class | | C | A++ | A++ |
| | | | | |
| Physical data | | | | |
| Indoor unit | | | RAS-25PKVSG-ND | RAS-35PKVSG-ND |
| Air flow (h) | m ³ /h - l/s | C | 650 - 180 | 750 - 210 |
| Air flow (l) | m ³ /h - l/s | C | 340 - 95 | 330 - 90 |
| Sound pressure level (h/l (q)) | dB(A) | C | 39/27 (25) | 43/27 (25) |
| Sound power level l (h) | dB(A) | C | 54 | 58 |
| Air flow (h) | m ³ /h - l/s | H | 790 - 220 | 840 - 230 |
| Air flow (l) | m ³ /h - l/s | H | 350 - 100 | 340 - 95 |
| Sound pressure level (h/l) | dB(A) | H | 42/27 | 45/27 |
| Sound power level (h) | dB(A) | H | 57 | 60 |
| Dimensions (kxlx) | mm | | 293x798x230 | 293x798x230 |
| Weight | kg | | 10 | 9 |
| | | | | |
| Physical data | | | | |
| Outdoor unit | | | RAS-25PAVPG-ND | RAS-35PAVPG-ND |
| Air flow (max) | m ³ /h - l/s | C | 1870 - 510 | 2160 - 600 |
| Sound pressure level | dB(A) | C | 46 (40) | 48 (41) |
| Sound power level | dB(A) | C | 61 | 63 |
| Operating range | °C | C | -15-46 | -15-46 |
| Air flow (max) | m ³ /h - l/s | H | 1920 - 530 | 2160 - 600 |
| Sound pressure level (h) | dB(A) | H | 47 (42) | 50 (43) |
| Sound power level (h) | dB(A) | H | 62 | 66 |
| Operating range | °C | H | -25-24 | -25-24 |
| Dimensions (kxlx) | mm | | 630x800x300 | 630x800x300 |
| Weight | kg | | 36 | 36 |
| Compressor type | | | DC Twin Rotary | DC Twin Rotary |
| Flare connections (gas-liquid) | | | 3/8" - 1/4" | 3/8" - 1/4" |
| Minimum pipe length | m | | 2 | 2 |
| Maximum pipe length | m | | 20 | 20 |
| Maximum height difference | m | | 10 | 10 |
| Chargeless pipe length | m | | 15 | 15 |
| Remote | | | Weekly timer | Weekly timer |
| Pwer supply | V-ph-Hz | | 220-240 / 1 / 50 | 220-240 / 1 / 50 |

C = cooling mode
H = heating mode

Dealer:

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RELIABLE
QUALITY

COMFORT
FOR LIFE



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Toshiba Optimum



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AIR-SOURCE HEAT PUMPS >>>

Toshiba is an air-source heat pump designed for genuinely Nordic conditions, with the in-novations that bring more comfort to your life and clear savings on the cost of living. For more than 50 years, Toshiba, the forerunner of the industry, is a top product that keeps your home temperature pleasant all year round, from the hottest summer to the toughest winter. Reliably, easily and with respect to the environment.

TESTED IN
FINLAND
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RELIABLE
QUALITY



Toshiba Optimum

Toshiba Optimum is a result of the Nordic co-operation offering excellent energy efficiency in its price range. The modernly designed device features numerous energy-saving and user-friendliness improving features. In addition to top-of-the-line performance, the Toshiba Optimum is also durable and reliably operational over its entire life cycle.

VTT-tested and Eurovent-certified



Tested in Finland and certified by Eurovent, Toshiba does what it promises regarding the energy efficiency, environmental friendliness and durability. Reliable top quality for your home, too. Read more on our website toshibasuomi.fi.

Healthy room air simultaneously saving energy

Toshiba Optimum's specially-coated heat exchanger effectively rejects pollutants, simultaneously maintaining fresh and healthier room air. Dust-free indoor heat exchanger also keeps the device's energy efficiency high for a record amount of time, at the same time reducing your home's electricity bill.



Maximizing the use of Fireplace Heat - Unique feature only in Toshiba!

Toshiba's unique fireplace function distributes the heat generated by the home fireplace. During the fireplace function, the indoor unit blows steadily at the desired speed even if the outdoor unit compressor is off. You can easily start the function with the remote control.



Top of the Class with all Measures

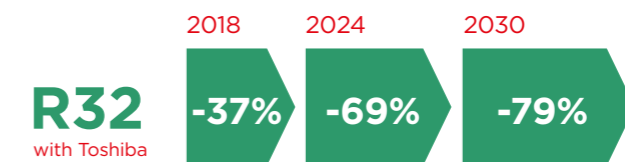
Toshiba Optimum's energy class is A++ for both heating and cooling. Top of the class is also the SCOP value 4.6 of the device year-round energy efficiency.

Optimum's heating power is guaranteed down to -25°C degrees winter thus reducing your home heating costs through the coldest of winter.

Environmentally friendly comfort of living

Toshiba in its new new air-source heat pumps has moved to more environmentally friendly R32 refrigerant. The new refrigerant significantly cuts CO2 emissions, the reduction of which is one of the

most important targets in combating the climate change. Thanks to the long life cycle of Toshiba air-source heat pumps, the positive impact of the new technology is further emphasized over the coming years.



Impact of new refrigerant on CO₂-emissions.



Intelligent remote control and Wi-Fi / SMS

You can use all of Toshiba Optimum's functions comfortably with a clear and large display easy-to-use remote control. The most important functions can be easily controlled with one keystroke only. Optimum has also Wi-Fi and SMS control options available, allowing you to control your device at any time and from any location through mobile connection.

The mode of operation can be easily verified

The Optimum indoor unit is equipped with blue and red LEDs. It allows you to see at a glance whether the unit is in heating or cooling mode.

Designed to fit your home's interior

The new Toshiba Optimum fits comfortably and discreetly in your home design. The indoor unit's rounded form and glossy surface material give it an exceptionally graceful and luxury look.

A reduced front surface area lightens the entity impression thus making the indoor unit look smaller.