Coolwex Exclusive

NEW GENERATION OF INTELLIGENT HEAT PUMPS COOLWEX

NUMBER ONE IN ECONOMICAL HEATING

EFFICIENCY
PRUDENCE
ELEGANCE
WITH A COOLWEX HEAT PUMP YOU REDUCE YOUR HEATING COSTS BY UP TO 75%

THE COOLWEX HEAT PUMP - A NEW SOLUTION FOR HEATING WITH COMPLETELY DIFFERENT HEAT GENERATION. EVEN UP TO 3 QUARTERS OF THE HEAT IS FREE ENERGY FROM THE ENVIRONMENT.

SUBSTANTIALLY LOWER CONSUMPTION OF “PAYABLE” ENERGY ON ACCOUNT OF “FREE ENERGY”

The HEAT PUMP gathers the heat energy from the air outside and with the help of electricity driving the compressor it transforms it into beneficial HEAT ENERGY with a higher temperature.

HOW TO GET FREE KW?

A heat pump generates between 3 and 5 kW of heat energy. It only uses up 1 kW of electricity for its operation. So we get between 2 and 4 kW of heat energy on behalf of free energy in the air.

A COOLWEX HEAT PUMP IS A LONG-TERM INVESTMENT IN SAVINGS IN HEATING

Intelligent Coolwex Air/Water heat pumps can handle much more than ordinary ones. Using the latest technology, they offer maximum extraction of heat from the air. The are a sophisticated solution for lowering heating costs on the global market.

LOWER HEATING COSTS - SAVINGS UP TO 75%

Consumption of “payable” energy is, due to the high efficiency of heating with first-class technology Coolwex heat pumps, up to 4 times lower compared to classic heating sources.

SOLUTION FOR ANY ROOM CONDOS, EXISTING HOUSES, NEW CONSTRUCTIONS AND BUSINESS PREMISES

Also excellent for spatially confined buildings, condos, adaptations of existing energy systems and new constructions. The inverter system with the aesthetic internal unit also enables installation in rooms equipped above standard.

FREEDOM IN INSTALLATION - DECORATION EVEN IN LIVING QUARTERS

Due to their certified quality and EXCELLENT DESIGN, we also install them in living quarters, not only in boiler rooms and cellars, as it is with conventional HP. It does not take up a lot of space, so it is an extremely practical solution for spatially optimised rooms. The external unit can be placed practically anywhere, since it allows up to a 75-m gap between both units.

LOWER INITIAL INVESTMENT COSTS DUE TO:

- Simple installation, no digging, drilling or affecting the environment;
- avoiding the cost of preparing a boiler room;
- subtracting maintenance costs, due to no boiler room, furnace or storage place;
- costs of cleaning and maintaining the chimney vanish;
- no need for an additional heat container.

MAXIMUM COMFORT

Intelligent, weather-guided regulation promises that the device does everything on its own. It precisely adjusts operation according to both external and internal temperatures to achieve a single goal - providing heating that saves most of energy.

HOW TO GET FREE kW?

A heat pump generates between 3 and 5 kW of heat energy. It only uses up 1 kW of electricity for its operation. So we get between 2 and 4 kW of heat energy on behalf of free energy in the air.
The only custom made energy-saving heating and cooling source with Coolwex heat pumps

The Coolwex system is connected to:
- Radiator heating
- Underfloor heating
- Wall heating
- Convector heating
- Combined heating

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- Radiator heating
- Underfloor heating
- Wall heating
- Convector heating
- Combined heating

Safe solution for:
- Low-temperature heating - need for outlet water up to 55°C.
- High-temperature heating - need for outlet water up to 60°C.

Warranty on extraordinary comfort and perfect adjustability
Coolwex Exclusive satisfies all expectations:
- Energy-saving heating of premises,
- Energy-saving heating of sanitary water,
- Energy-saving cooling of premises,
- Energy-saving heating of a swimming pool.

Upgrading the existing system or replacing it
Adaptation allows the use of the existing radiator or underfloor heating. The coolwex system also enables bivalent operation.

Quadrupled savings are achieved with first-class inverter technology.

Heating Coolwex heat pumps = perfect and independent heating of your home and sanitary water and also cooling rooms.
LINE WITH AN INTEGRATED WATER TANK
C O O L W E X  E X C L U S I V E  D U O

<table>
<thead>
<tr>
<th>INDOOR UNIT</th>
<th>OUTDOOR UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>COOLWEX Exclusive DUO 200</td>
<td>Zubadan Power Inverter</td>
</tr>
<tr>
<td>up to 16 kW</td>
<td>Heating at down to - 25°C</td>
</tr>
<tr>
<td>200 l hot water tank</td>
<td>max. 60 °C</td>
</tr>
</tbody>
</table>

| COOLWEX Exclusive DUO 300 | Zubadan Power Inverter |
| up to 16 kW | Heating at down to - 20°C |
| XL up to 23 kW | max. 60 °C |
| 300 l hot water tank | max. 60 °C |

- Provides both space heating and cooling, as well as hot water preparation.
- The perfect solution for this heating system, because of the integrated vacuum enamelled hot water tank.
- Model DUO solar also contains an additional heat exchanger with the surface of 1.3 m².
- Contains:
  - regulation unit for controlling two separate heating circuits according to outdoor and indoor temperatures,
  - a solar system controller,
  - hot water preparation,
  - a 3/8/9-kW electric heater,
  - a built-in circulating pump of energy class A,
  - built-in cleaning units,
  - DUO SOLAR already contains an additional heat exchanger and a sensor for solar panels.
- XL models are equipped with larger heat exchangers and gas connections 3/8” and 3/4” that support the connection of more powerful outdoor units, up to 23 kW.

LINE WITH NO WATER TANK
C O O L W E X  E X C L U S I V E  M O N O

<table>
<thead>
<tr>
<th>INDOOR UNIT</th>
<th>OUTDOOR UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>COOLWEX Exclusive MONO</td>
<td>Zubadan Power Inverter</td>
</tr>
<tr>
<td>up to 16 kW</td>
<td>Heating at down to - 25°C</td>
</tr>
<tr>
<td>M: 2x16 kW</td>
<td>max. 60 °C</td>
</tr>
<tr>
<td>L: 2x23 kW</td>
<td>max. 60 °C</td>
</tr>
<tr>
<td>Without a hot water tank</td>
<td>max. 60 °C</td>
</tr>
</tbody>
</table>

| COOLWEX Exclusive MONO - KASKADE | Zubadan Power Inverter |
| 2 indoor units | Heating at down to - 25°C |
| M: 3x16 kW | max. 60 °C |
| L: 3x23 kW | max. 60 °C |
| 3 indoor units | Heating at down to - 20°C |
| M: 4x16 kW | max. 60 °C |
| L: 4x23 kW | max. 60 °C |
| 4 indoor units | Heating at down to - 25°C |

- Provides both space heating and cooling, as well as hot water preparation.
- For users who already own a hot water tank.
- Contains:
  - regulation unit for controlling two separate heating circuits according to outdoor and indoor temperatures,
  - a solar system controller,
  - hot water preparation,
  - an outdoor temperature sensor and one for the mixing circuit and the cleansing bar,
  - two additional sensors for the water tank.

For connecting multiple outdoor units of various heating power:
- provides both space heating and cooling, as well as hot water preparation;
- designed for heating larger spaces, up to 2550 m².

Contains:
- advanced control - of two separate heating circuits, which can be regulated according to outdoor and indoor temperatures;
- a solar system controller;
- hot water preparation;
- an outdoor temperature sensor and one for the mixing circuit and the cleansing bar;
- two additional sensors for the water tank.

xl models are equipped with larger heat exchangers and gas connections 3/8” and 3/4” that support the connection of more powerful outdoor units, up to 23 kW.
COMBINED ADVANCED TECHNOLOGIES OF COOLWEX AND MITSUBISHI ELECTRIC

The Coolwex heat pump system is based on the use of first-class technologies of Coolwex and the Mitsubishi Electric corporation, which represent an innovation in development of efficient heating systems on the global market.

The sophisticated combination of the external unit (Zubadan, Power Inverter) by Mitsubishi Electric and two versions of internal Coolwex units (Exclusive Mono and Exclusive Duo) represent a reliable and completely adaptable heating and cooling system for new constructions and renovations.

INVERTER SYSTEM - DOUBLE-UNIT SYSTEM COOLWEX INTERNAL UNITS + MITSUBISHI EXTERNAL UNITS

TOP OF THE LINE COOLWEX INVERTER SYSTEM COMPRISSES OF TWO UNITS:
- An intelligent internal unit and
- an external inverter Mitsubishi unit (Zubadan or Power Inverter).

Coolwex Exclusive is a system with an included sanitary water container or separate systems with no sanitary water container that are recommended for users who already own one.

THE MITSUBISHI EXTERNAL UNIT EXTRACTS HEAT ENERGY FOR HEATING FROM THE AIR OUTSIDE THE BUILDING. IT RUNS AUTONOMOUSLY THROUGHOUT THE YEAR, WITHOUT AN ADDITIONAL HEATING SOURCE.

The third generation of Mitsubishi devices is the already used top technology, but perfected even further, which additionally increases and optimises power and further upgrades capacity and operational reliability.

MENTAL GENERATION OF MITSUBISHI DEVICES

THE IDEAL COMBINATION WHICH EXCEEDS ALL USER EXPECTATIONS!

NEW GENERATION OF MITSUBISHI DEVICES

MITSUBISHI ELECTRIC EXTERNAL UNITS WITH BUILT-IN ZUBADAN AND POWER INVERTER TECHNOLOGIES

THE IDEAL COMBINATION WHICH EXCEEDS ALL USER EXPECTATIONS!
MITSUBISHI OUTDOOR UNIT - WITH ZUBADAN FLASH INJECTION TECHNOLOGY FOR ECONOMICAL HEATING IN EXTREME COLD, -25°C

ENSURES HIGH HEATING CAPACITY AND THE HIGHEST EFFICIENCY.

ENERGY-SAVING HEATING WITH NO ELECTRIC HEATER AT DOWN TO -25°C
Flash injection technology enables operation at extremely low temperatures, -25°C.

100% CONSTANT HEATING CAPACITY IS HELD AT THE HIGHEST LEVEL
The advanced inverter technology and the oversized compressor allow up to 130% capacity of the compressor.

THE ZUBADAN system with “Flash Injection” technology keeps the 100% nominal heating power even at extremely low outside temperatures, even at -15°C without an electric heater.

THE HIGH TEMPERATURE OF OUTLET WATER, 50°C
Hot water (50°C) is maintained even at -15°C outside, without using an electric heater.

HIGH HEATING NUMBER (COP)
Adjustable heating power (inverter system enables achieving a higher heating number).

THE ONLY SOURCE OF YEAR-ROUND SPACE HEATING AND HOT WATER PREPARATION
Enables the unique "Flash Injection" technology in all weather conditions.

SERIES ZUBADAN
When the heat pump operates at low temperatures, the "Flash injection" cycle, consisting of a compressor with a discharge line (by-pass) and a heat exchanger (HIC), prevents the reduction in the flow of the refrigerant, which occurs by reducing the pressure of the refrigerant at the inlet of the compressor. Thus, the overheating of the refrigerant at the inlet of the compressor is prevented, resulting in increased heating capacity at low outdoor temperatures, a higher outgoing water temperature in the indoor unit and rapid defrosting of the outdoor unit.

ORDINARY HEAT PUMP
In the operation of ordinary heat pumps at low temperatures, the gasified refrigerant in the outdoor heat exchanger is not heated enough, so the pressure on the intake side of the compressor is reduced. This causes a reduction in the flow of the coolant, performance reduction and overheating of the compressor.

COMPARISON OF THE COP IN THE PERFORMANCE OF THE MITSUBISHI ZUBADAN (EN 14511 - A2/W35) OUTDOOR UNIT.

COMPARISON OF THE DEPENDENCE OF THE HEAT CAPACITY ON OUTDOOR TEMPERATURES BETWEEN THE CLASSICAL AND THE ZUBADAN HEAT PUMP SYSTEM.
**THE HEAT PUMP ALREADY INCLUDES THE EUROPEAN ERP STANDARD - VALID UNTIL 2014**

All the Collwex heat pumps are already designed and manufactured, so that they meet all the requirements for 2014 under the coming ERP Lot-1 directive on heat pumps, since that year comes the introduction of a new regulation by the European parliament and council on the requirements for environmentally friendly heat pumps.

**FASTER HEATING TO THE DESIRED TEMPERATURE**

Due to efficient reduction of time needed for defrosting.

**NEW MONITORING SYSTEM**

With improved frequency of defrosting.

**GUARANTEED SAFETY IN EXTREME OCCURRENCES**

The heat pump will continue to heat without interruptions, even in case of any malfunctions - with the help of an additional heater or heating source.

**Extrenal unit Zubadan**

<table>
<thead>
<tr>
<th>Model</th>
<th>PUHZ-SW100YHA</th>
<th>PUHZ-SW120YHA</th>
<th>PUHZ-SW140YHA</th>
<th>PUHZ-SW230YKA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rated Heating Power kW</strong></td>
<td>7.1</td>
<td>10.0</td>
<td>12.5</td>
<td>20.0</td>
</tr>
<tr>
<td><strong>COP (A2/W35) W/W</strong></td>
<td>3.47</td>
<td>3.47</td>
<td>3.47</td>
<td>3.47</td>
</tr>
<tr>
<td><strong>Rated Cooling Power kW</strong></td>
<td>6.8</td>
<td>9.7</td>
<td>12.5</td>
<td>19.8</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>3 / 400 / 50</td>
<td>3 / 400 / 50</td>
<td>3 / 400 / 50</td>
<td>3 / 400 / 50</td>
</tr>
<tr>
<td><strong>Fuse Size</strong></td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>120</td>
<td>134</td>
<td>134</td>
<td>134</td>
</tr>
<tr>
<td><strong>Dimensions (W x D x H) mm</strong></td>
<td>1350 x 950 x 330</td>
<td>1350 x 950 x 330</td>
<td>1350 x 950 x 330</td>
<td>1338 x 1050 x 330</td>
</tr>
<tr>
<td><strong>Noise Level</strong></td>
<td>58</td>
<td>52</td>
<td>52</td>
<td>58</td>
</tr>
</tbody>
</table>

**ENERGY-SAVING HEATING WITH NO ELECTRIC HEATER AT DOWN TO -20°C**

Additional freon undercooling unit, control electronics and a modified circuit enable energy-saving heating even at extremely low temperatures, down to -20 °C.

**HIGH HEATING NUMBER (COP)**

Adjustable heating power (inverter system enables achieving a higher heating number).

**HIGH ENERGY EFFICIENCY IN THE HIGHEST A ENERGY CLASS.**

**EXTREMELY LOW CONSUMPTION** is a result of the advanced inverter technology, the compressor with above-standard dimensions and up to 130% efficiency.

**THE HIGH TEMPERATURE OF OUTLET WATER, 50°C**

Hot water (50°C) is maintained even at -15°C outside, without using an electric heater.

**THE TOP-OF-THE-LINE INVERTER TECHNOLOGY USED IN THE MITSUBISHI POWER INVERTER EXTERNAL UNIT ENABLES EVEN HIGHER ENERGY EFFICIENCY AND UPGRADED OPERATION.**

**MITSUBISHI EXTERNAL UNITS - WITH POWER INVERTER TECHNOLOGY FOR ECONOMICAL HEATING AT -20°C**

**ENERGY-SAVING HEATING WITH NO ELECTRIC HEATER AT DOWN TO -20°C**

Additional freon undercooling unit, control electronics and a modified circuit enable energy-saving heating even at extremely low temperatures, down to -20 °C.
SPACE HEATING AND HOT WATER PREPARATION
Includes the improved Power Inverter technology for use in diverse weather conditions.

ORDINARY HEAT PUMP

In the operation of ordinary heat pumps at low temperatures, the gasified refrigerant in the outdoor heat exchanger is not heated enough, so the pressure on the intake side of the compressor is reduced. This causes a reduction in the flow of the coolant, performance reduction and overheating of the compressor.

SERIES POWER INVERTER

The Series Power Inverter is equipped with an additional linear expansion valve which allows, with the help of the electronic control system, accurate power control of the compressor according to the outdoor temperature. The circuit is adapted to the properties of the R410A refrigerant, resulting in increased efficiency of the system.

THE HEAT PUMP ALREADY INCLUDES THE EUROPEAN ERP STANDARD – VALID UNTIL 2014
All the Collwex heat pumps are already designed and manufactured, so that they meet all the requirements for 2014 under the coming ErP Lot-1 directive on heat pumps, since that year comes the introduction of a new regulation by the European parliament and council on the requirements for environmentally friendly heat pumps.

FASTER HEATING TO THE DESIRED TEMPERATURE
Due to efficient reduction of time needed for defrosting.

NEW MONITORING SYSTEM
With improved frequency of defrosting.

GUARANTEED SAFETY IN EXTREME OCCURRENCES
The heat pump will continue to heat without interruptions, even in case of any malfunctions - with the help of an additional heater or heating source.

External unit Power Inverter

<table>
<thead>
<tr>
<th>Model</th>
<th>PUHZ-SW40VHA</th>
<th>PUHZ-SW50VHA</th>
<th>PUHZ-SW75VHA</th>
<th>PUHZ-SW100YHA</th>
<th>PUHZ-SW120YHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Heating Power kW</td>
<td>4.1</td>
<td>6.0</td>
<td>8.0</td>
<td>11.2</td>
<td>16.0</td>
</tr>
<tr>
<td>Rated Cooling Power kW</td>
<td>3.6</td>
<td>5.0</td>
<td>7.1</td>
<td>10.0</td>
<td>14.0</td>
</tr>
<tr>
<td>Power Supply F / V / Ph</td>
<td>1 / 230 / 50</td>
<td>1 / 230 / 50</td>
<td>1 / 230 / 50</td>
<td>3 / 400 / 50</td>
<td>3 / 400 / 50</td>
</tr>
<tr>
<td>Fuse Size A</td>
<td>1 X 16</td>
<td>1 X 16</td>
<td>1 X 25</td>
<td>3 X 16</td>
<td>3 X 16</td>
</tr>
<tr>
<td>Weight kg</td>
<td>42</td>
<td>42</td>
<td>75</td>
<td>118</td>
<td>118</td>
</tr>
<tr>
<td>Dimensions (W x D x H) mm</td>
<td>600 X 800 X 300</td>
<td>600 X 800 X 300</td>
<td>943 X 950 X 330</td>
<td>1350 X 950 X 330</td>
<td>1350 X 950 X 330</td>
</tr>
<tr>
<td>Operating Range - Heating °C</td>
<td>-15 ~ +35</td>
<td>-15 ~ +35</td>
<td>-20 ~ +35</td>
<td>-20 ~ +35</td>
<td>-20 ~ +35</td>
</tr>
<tr>
<td>Operating Range - Cooling °C</td>
<td>-5 ~ +46</td>
<td>-5 ~ +46</td>
<td>-5 ~ +46</td>
<td>-5 ~ +46</td>
<td>-5 ~ +46</td>
</tr>
<tr>
<td>Noise Level dB(A)</td>
<td>45</td>
<td>46</td>
<td>51</td>
<td>54</td>
<td>54</td>
</tr>
</tbody>
</table>
COOLWEX EXCLUSIVE INTERNAL UNITS WITH DUO AND MONO SYSTEMS

THE INTERNAL COOLWEX UNITS COMBINE MODERN SHAPE WITH TOP TECHNOLOGY AND PROMISE EXCELLENT QUALITY THE MINUTE YOU SEE THEM.

FURTHER UPGRADED FEATURES OF THE RENEWED FIRST-CLASS COOLWEX INTERNAL UNITS:

EVEN HIGHER EFFICIENCY AND COP:
25% larger surface if the heat exchanger, resulting in even better heat efficiency and lower costs.

PROGRESS IN TERMS OF PRACTICABILITY AND FREEDOM IN INSTALLATION
Coolwex Exclusive Duo in 7.7% smaller dimensions and with improved features.

COMPLETE AND ENERGY-SAVING HEATING FROM 50 m² TO 400 m²

AESTHETIC INTERNAL UNIT - DECORATION IN LIVING QUARTERS
Their lines are in harmony with modern and applied standards, which makes it ideal for residential and business premises and as an addition to the internal design. It also takes up very little space - less than 0.5 m².

COOLWEX INTERNAL UNIT SYSTEMS OFFER 2 SOLUTIONS:
• DOUBLE or "DUO" solution - with a built-in boiler or sanitary water container,
• SEPARATE or "MONO" solution - with no boiler or sanitary water container.

MORE SAVINGS WITH THE SOLAR CONNECTION
Possibility of an additional heat exchanger for heating water with the DUO version (optional) and the control of the solar system as a source of supplementary heating in the MONO version.
NEW CASCADE BINDING FOR HIGH-CAPACITY HEATING (92 kW)

High heating power is achieved with up to four external units and only one internal unit.

2 EXTERNAL UNITS

3 EXTERNAL UNITS

4 EXTERNAL UNITS

GUARANTEED COMFORT

“SMART” weather-guided regulation enables heating both premises and sanitary water via continuous regulation of the external unit, as well as cooling and managing the solar system.

SMART CONTROL AND INTELLIGENT REGULATION

- Enables control over two heating circuits.
- Weather-guided regulation.
- Low-noise operation.
- Solar systems for additional heating of the building and sanitary water.
- Control over the additional electric heater.
- Cascade operation up to 96 kW of total power.
- Connection and control via the internet (optional).
- Easy to operate, menu is in Slovenian / German / English / French / Czech / Finnish.

PROGRAMMES AND SIMPLE FUNCTIONS

- Party function.
- Eco function.
- 8°C safety function.
- Anti-legionella cycle.
- Screed-drying programme.

KEEPING WATER PURE AT ITS BEST

- An anti-legionella cycle for safe sanitary water.
- The serially built-in filter for coarse particles removes impurities from the heating system.

TOP-LEVEL SAFETY AND RELIABILITY

- Vacuum coated boiler for sanitary water, 2 1-ng anodes for a long life span, certified with a 5-year warranty.
- Standard equipment 3-stage 3x3 kW electric heater.
- Inspection opening for maintenance and cleaning works on the boiler.
- The 8°C function against frosting - in extreme conditions.
- High-quality of the components and the final product, which were made in the EU (internal unit) and in Japan (external unit).
## TYPES OF COOLWEX EXCLUSIVE INTERNAL UNITS

### DUO SYSTEM INTERNAL UNITS COOLWEX EXCLUSIVE DUO WITH A SANITARY WATER CONTAINER

<table>
<thead>
<tr>
<th>Model</th>
<th>Model DUO 200</th>
<th>Model DUO (SOLAR) 300</th>
<th>Model DUO (SOLAR) 300 XL</th>
<th>Model MONO</th>
<th>Model MONO XL</th>
<th>Model MONO 2 M</th>
<th>Model MONO 2 L</th>
<th>Model MONO 3 (4) M</th>
<th>Model MONO 3 (4) L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Built-in Circulation Pump</td>
<td>Wilo Stratos Para 25/1-7</td>
<td>Wilo Stratos Para 25/1-7</td>
<td>Wilo Stratos Para 25/1-7</td>
<td>Wilo Stratos Para 25/1-7</td>
<td>Wilo Stratos Para 25/1-7</td>
<td>Wilo Stratos Para 25/1-7</td>
<td>Wilo Stratos Para 25/1-7</td>
<td>Wilo Stratos Para 25/1-7</td>
<td>Wilo Stratos Para 25/1-7</td>
</tr>
<tr>
<td>Heating - SW switch-over</td>
<td>FIRST EMV</td>
<td>FIRST EMV</td>
<td>FIRST EMV</td>
<td>FIRST EMV</td>
<td>FIRST EMV</td>
<td>FIRST EMV</td>
<td>FIRST EMV</td>
<td>FIRST EMV</td>
<td>FIRST EMV</td>
</tr>
<tr>
<td>Unit Dimensions (W x D x H) mm</td>
<td>600 x 750 x 1400</td>
<td>600 x 750 x 1820</td>
<td>600 x 750 x 1820</td>
<td>(2x) 600 x 400 x 920</td>
<td>(2x) 600 x 400 x 920</td>
<td>(2x) 600 x 400 x 920</td>
<td>(2x) 600 x 400 x 920</td>
<td>(2x) 600 x 400 x 920</td>
<td>(2x) 600 x 400 x 920</td>
</tr>
<tr>
<td>Surface of Heat Transmitter 1 m²</td>
<td>1.65</td>
<td>2.65</td>
<td>2.65</td>
<td>/ (1,26 at model SOLAR)</td>
<td>/ (1,26 at model SOLAR)</td>
<td>/ (1,26 at model SOLAR)</td>
<td>/ (1,26 at model SOLAR)</td>
<td>/ (1,26 at model SOLAR)</td>
<td>/ (1,26 at model SOLAR)</td>
</tr>
<tr>
<td>Surface of Heat Transmitter 2 m²</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>Weight kg</td>
<td>185</td>
<td>225 (235)</td>
<td>235 (243)</td>
<td>235 (243)</td>
<td>235 (243)</td>
<td>235 (243)</td>
<td>235 (243)</td>
<td>235 (243)</td>
<td>235 (243)</td>
</tr>
<tr>
<td>Power Supply F / V</td>
<td>1/230/50 - 1 stage EU</td>
<td>1/230/50 - 1 stage EU</td>
<td>3/400/50 - 3-stage EU</td>
<td>3/400/50 - 3-stage EU</td>
<td>3/400/50 - 3-stage EU</td>
<td>3/400/50 - 3-stage EU</td>
<td>3/400/50 - 3-stage EU</td>
<td>3/400/50 - 3-stage EU</td>
<td>3/400/50 - 3-stage EU</td>
</tr>
<tr>
<td>Power Supply Cable mm²</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
</tr>
<tr>
<td>Fuse A</td>
<td>depending on the EU</td>
<td>depending on the EU</td>
<td>depending on the EU</td>
<td>depending on the EU</td>
<td>depending on the EU</td>
<td>depending on the EU</td>
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</tbody>
</table>

### SEPARATE MONO SYSTEM INTERNAL UNITS COOLWEX EXCLUSIVE MONO WITHOUT A SANITARY WATER CONTAINER

<table>
<thead>
<tr>
<th>Model</th>
<th>Model MONO</th>
<th>Model MONO XL</th>
<th>Model MONO 2 M</th>
<th>Model MONO 2 L</th>
<th>Model MONO 3 (4) M</th>
<th>Model MONO 3 (4) L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply Cable mm²</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
<td>3 x 4 - 1 stage EU</td>
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<td>Fuse A</td>
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### COOLWEX EXCLUSIVE DUO 200
Internal unit with an integrated 200-liter vacuum coated sanitary water container.

### COOLWEX EXCLUSIVE DUO 300
Internal unit with an integrated 300-liter vacuum coated sanitary water container.

### COOLWEX EXCLUSIVE DUO 300 XL
Internal unit with an integrated 300-liter vacuum coated sanitary water container.

### COOLWEX EXCLUSIVE MONO
Separate internal unit with no boiler or sanitary water container.

### COOLWEX EXCLUSIVE MONO XL
Separate internal unit with no boiler or sanitary water container for larger consumers for external units with up to 23 kW of heating power.

### COOLWEX EXCLUSIVE MONO KASKADA
Separate internal unit with no boiler achieves high-capacity heating (92 kW)

• 1 internal unit + 2 external units
• 1 internal unit + 3 external units
• 1 internal unit + 4 external units
Years of experience; 20 years of successful operation as a general importer; technical innovations; quality and aesthetics have placed Coolwex among the leading companies in economical heating and cooling.

Numerous reference buildings and tens of thousands satisfied users are an additional reason to trust us. Professional technical servicing, carried out by excellently equipped and trained teams across Europe provide support to the distribution network spread all over Slovenia.
RESPONSIBILITY FOR THE ENVIRONMENT STARTS WITH US.

We, at Coolwex®, are proud to have designed, produced and tested our systems without anyone’s help to sell the systems to you, our valued customers. We share our rewards with you and no-one else is responsible for any possible defects in our units but ourselves.

We take great pride in choosing outdoor units carefully, including those of Mitsubishi Electric™ as featured in this catalogue, and this decision was made by ourselves without consulting the manufacturers of these units. We, and we alone are responsible for integration of these units into our integrated system so you, our valued customer, can take advantage of this technology.