MITSUBISHI ELECTRIC HYDRONICS & IT COOLING SYSTEMS S.p.A.







HIGHEST QUALITY IN EACH SINGLE DETAIL

REVERSIBLE AND COOLING ONLY AIR COOLED ROOFTOP UNIT. COOLING POWER FROM 15,8 TO 182 kW.

WSM2 is an autonomous rooftop unit dedicated to the air handling and air renewal in comfort applications and public spaces. Thanks to two different layouts and a cooling range from 15,8 to 182 kW, the new range meets the requirements of both small volume spaces and big buildings.

The Micro and Mini WSM2 ranges from 15,8 and 46,7 kW are equipped with a single cooling circuit, scroll compressors optimized for the R410A refrigerant, and EC plug fans.

Bigger WSM2 (81-182 kW) features double cooling circuit and is dedicated to larger volume areas.

All the versions are characterized by a high flexibility in choosing the airflow direction and different functions to best fit plant requests. Perfect insulation is possible thanks to sandwich structure, and high seasonal efficiency is achieved through top quality and generously sized components.



* From 46,7 to 81 kW you can refer to the WSM-Y rooftop range.

DEAL APPLICATIONS:

MICRO AND MINI WSM2 small volumes applications:

WSM2-T: Cooling only

STANDARD WSM2 large volume applications:

Supermarkets

- Petrol stations
- Small restaurants
- Gym rooms

WSM2:

Shops

FUNCTIONS:

| | | MICRO (0052-0092) | MINI (0102-0152) | STANDARD (0264-0604) |
|------|--|----------------------|--|--|
| AR | Air Recirculation (Baseline) | v | v | Image: A second s |
| MF | Air mixing and free cooling | v | ~ | Image: A second s |
| AX | Air mixing and axial fan extraction | | | Image: A second s |
| AX-F | Air mixing and axial fan extraction with thermodynamic heat recovery | ~ | ~ | |
| CE | Air mixing and plug fans extraction | | Image: A second s | Image: A set of the set of the |
| HR-B | Heat recovery with Refrigerant Booster | | ~ | × |
| HR-P | Heat recovery with cross-flow heat exchanger (High and low flow) | | | v |
| HR-E | Heat recovery with rotary enthalpy wheel | | v | ~ |

MAXIMUM ENERGY EFFICIENCY IN ALL APPLICATIONS

Available in eight different configurations and four different heat recovery technologies, WSM2 has been engineered for maximum efficiency in any situation.

As standard, WSM2 features plug fans with built-in EC motor, electronic expansion valves and the latest generation axial fans.



All units are designed to meet the seasonal efficiency

standards (SEER & SCOP) established by the EU

Reversible heat pump

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High flexibility in the airflow direction, premium efficiency and reliability, together with a special attention to technical details. This is the result of the new WSM2 versatile range featuring seven operational types and three different heat recovery technologies.

HIGHLY UNIT VERSATILITY

WSM2 is a modular and configurable solution that has been wisely engineered to fit precise size requirements.

WSM2 is available in both heat pump and cooling only versions, while the base module features eight different functions. Additionally, a wide range of accessories dedicated to the air handling range allow the unit to operate optimally in any condition.

TOTAL SYSTEM RELIABILITY

WSM2 manages additional resources for heating and air handling in a completely independent way.

Thanks to its free cooling mode, the unit utilizes the favorable external conditions to condition the environment without switching on the compressors.

Units are always supplied with independent cooling circuits.

TIDY AND WELL INSULATED STRUCTURE

WSM2 features air treatment section made up of a sandwich panel with polyurethane core and rubber gaskets, fixed with special hinges that best ensure thermal insulation, increasing overall efficency of the unit.

All cables and pipes are housed in compartments different from those of the air treatment, so the structure is nice and clean.

FLEXIBLE AIR FLOW MANAGEMENT

Complete access to the unit's functions via the controller, with ability to set the various operational parameters safely - in particular the supply and return air flow rates with associated head values. This is correlated to the available choice of multiple strategies for both air flows and resources' regulation.

Compact dimensions, compared to traditional rooftops of same capacity, especially if heat recovery is featured. This gives significant savings in transporting, handling, lifting and positioning the rooftop on-site. Easy and safe access to internal sections and devices, for fast and simple routine maintenance.

TECHNOLOGICAL CHOICES

Quality of each single detail and premium technological choices: these are the distinguishing traits of WSM2.

AIR3000+ CONTROL

The core of the WSM2 management is the evolved AIR3000+ control, specifically designed for Climaveneta rooftop units.

Besides the cooling circuit management there is the air handling control, and both of these functions allow the WSM2 unit to work in a completely autonomous way.

EASY ACCESS TO COMPONENTS

All panels are easily removable to access indoor components.

The cutting-edge hinge used on WSM2 allows any door to open from the left, from the right, or be completely removed.

ELECTRONIC THERMOSTATIC VALVE

The electronic expansion valve, which comes as standard in all versions, provides great benefits with variable loads and varying external weather conditions.

Its introduction is in line with the accurate design of the cooling circuit and its efficient operation in multiple operating conditions.

ACCESSORIES

A wide range of accessories completes the air treatment and allows the unit to optimally manage its operation.

Steam humidifer

Air quality control with

CO₂ or CO₂ +VOC probes

Photocatalytic oxidation active sanitization system

High efficiency filters (up to ePM01 85% - F9) or electronic in addition to the standard class isocoarse 50% (G4) filters

Heating coils, electrical heater, hot gas coil

BMS connection

Axial EC fan, to enhance efficiency. It comes as standard with Micro and Mini WSM2

CASING

WSM2 strucure rests on galvanized and painted steel beams. The condensing side is constituted with a self-supporting frame made from suitably thick hot galvanized steel section. The air treatment section is made up of sandwich panels 25/42 mm thick with rubber gaskets and polyurethane core, fixed with special hinges that best ensure thermal insulation and air tightness.

Panels are supported by an alluminium alloy frame to increase sturdiness and lightness of the unit.

EC PLUG FANS

The WSM2 units are equipped with radial plug fans with an EC incorporated motor.

The fan speed can be regulated by keeping both the airflow or the external static pressure constant or by selecting the variable airflow through the Vair function.

OPERATING RANGE AND LIMITS

The WSM2 range consists of 16 sizes, from 15,8 to 46,7 kW and from 81,1 to 182 kW of cooling capacity and airflow rate from 2500 to 9500 m³/h and from 13500 to 30500 m³/h.

Thanks to the wide and generous dimensions of the treatment coils, together with the smart design of the cooling circuit, WSM2 units also boast an extended outdoor temperature operating range: from -15°C when the unit is working in heat pump operation,

to +46°C in cooling mode. Moreover, thanks to HPTC function, the unit can work in partial load mode (50% capacity) up to 52°C.

GAS BURNER

For the most harsh climate conditions, the gas burner module is available as an auxiliary heat source used as an integration to the heat pump or as a replacement for it.

This gas module can work autonomously, featuring condensation values up to 109% calculated on the lower calorific value (Hi).

Besides from standard tests provided by the supplier, this component has been further checked by third party-laboratories to ensure maximum reliability and safety during operation.

SOLUTIONS FOR THE PERFECT AIR SANITIZATION

ACTIVE SANITIZATION SYSTEM WITH PHOTOCATALYTIC OXIDATION

The active sanitizing system features a special UV-C lamp which uses the Photocatalytic oxidation process to reduce the microbial load airborne (such as bacteria, molds, allergens, odors, organic and volatile compounds, ultra-fine powders), in order to make your environment a healthier living place.

SUPERMARKETS AND FOOD CHAINS

It has been proven that the use of this tecnology not only increases air quality, but also Increases the duraton of food freshness because the bacteriological load in the air is reduced.

HOTELS, GYMS & RESTAURANTS

Reduction of smells and contaminants, giving the perception of healthler air in the rooms.

OFFICE BUILDINGS

Reduction of bacteria, allergens, and odors.

KEY BENEFITS

HEALTHIER AND CLEANER AIR

Ionization process for catpuring and breaking down molecules of toxic VOCs, which can cause allergic phenomena or respiratory tract diseases.

ODOUR REDUCTION

Smoke, chemicals, kitchen fumes, etc.

RIDUZIONE DELLA CARICA BATTERICA

Reduction of the bacterial load and germs present in the air up to 95-99%.

REDUCED MAINTENANCE

Quick and easy cleaning of the honeycomb structure with a simple jet of compressed air.

ELECTRONIC FILTERS

Electronic filters based on the electrostatic precipitation process are used to purify the air in the rooms. Their working principle involves using electricity to catch dust, pollen, and other airborne particles prior to them entering your building.

OPERATING PRINCIPLE

The dirty air passes through the layer of ionizers, which emit charged ions. These charged ions attracts the dirt solid particles contained in the air which are then captured from the collection plate. The extra electrostatic charged particles drive the dirty particles towards the collector, allowing clean fresh air to enter your home.

SINGLE-PASS EFFECT OF ELECTROSTATIC FILTER

The concentration of the bacteria commonly present in a given environmental air have been measured before and after the electrostatic filters. The efficiency of bacteria removal is 98-99% on:

- Airborne bacteria, such as Micrococcus luteus;
- Yeast, such as Rhodotorula rubra;
- Bacillus Anthracis;
- Molds and germs present in the natual spectrum of air

AIR3000+ Touch

THE TOUCH SCREEN ROOM THERMOSTAT FOR ROOFTOP UNITS

Air3000touch+ is the new user interface dedicated to the smart control of your ventilation and air conditioning system.

Designed to provide customer the most easy and intuitive control experience, Air3000touch+ reports all functions and settings of the rooftop unit:

READY- TO-INSTALL TOUCH SCREEN

The smart thermostat can be easily installed in public spaces without any risk in terms of safety. Access to the menu is in fact protected by password.

EASY AND INTUITIVE

Coloured touch screen with user-friendly icons and visual for ensuring the easiest possible use

AUTONOMOUS CONTROL

Incorporated Temperature and Humidity probes detects the room requirements, automatically adjusting the control settings, with minimal intervention on the user side.

LAN MANAGEMENT

AIR3000+ Link

THE KEYBOARD IS IN YOUR POCKET

WSM2 heat recovery technologies

Four heat recovery technologies designed to precisely and reliably transfer the energy contained in the exhaust air to the refrigerant circuit, thus increasing the unit's overall efficiency.

AX-F

THERMODYNAMIC HEAT RECOVERY

Thermodynamic heat transfer is achieved by deviating the exhaust air though the outdoor section of the refrigerant circuit.

This increases efficiency by allowing the unit to work at a more advantageous condensing temperature than allowed by the outside conditions.

FOR MICRO AND MINI WSM2

Smart and functional design

Advantageous average temperature on the outdoor coil

kW/h

No additional pressure drops

HR-B REFRIGERANT BOOSTER

The WSM2 HR-B units are fitted with the exclusive Refrigerant Booster heat recovery system, which promptly and fully recovers heat from the exhaust air.

This recovered energy is transferred to the refrigerant circuit, which increases the capacity of the air handling coil while reducing the power absorbed by the compressor.

The recovery system, made of a finned coil installed at the air exhaust damper, takes advantage of the favourable conditions of the exhaust air, both during summer and winter operation.

Quantifiable benefits

Compact footprint of the recovery system

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| TYPES OF HEAT RECO | VERY | | REFRIGERANT BOOSTER | PLATE | ROTARY | |
|---------------------------|-------|-------------|------------------------|--------------|--------------|---|
| Cooling capacity increase | % (1) | +2 % | +12 % | +10 % | +45 % | |
| Thermal capacity increase | % (2) | +6 % | +11 % | +22 % | +39 % | - |

1 Average percentage values refer to WSM2/MF version (no heat recovery).

Standard conditions for cooling: Outdoor 35°C 50% R.H. / Indoor 27°C 47% R.H. / Mix 50% - Nominal air flow. 2 • Average percentage values refer to WSM2/MF version (no heat recovery).

Standard conditions for heating: Outdoor 7°C 87% R.H. / Indoor 20°C 50% R.H. / Mix 50% - Nominal air flow.

HR-P CROSS-FLOW HEAT RECOVERY

The WSM2 HR-P units feature the cross-flow heat recovery, which transfers the thermal energy contained in the exhaust air to the fresh airflow. The plate heat recovery system extends the operating limits of the unit, allowing it to work with higher flow rates of external air.

The units are equipped with by-pass dampers for free-cooling operation, to reduce system pressure drops and not-advantegeus heat exchange between fresh and exhaust air flow.

Complete airflow separation

High operating reliability and safety Quick and easy cleaning and maintenance

HR-E HEAT RECOVERY WITH ROTARY ENTHALPY WHEEL

The most efficient heat recovery technology in terms of efficiency is the rotary enthalpic recovery, which efficency can reach up to 85%.

The key component is the enthalpic wheel which is made with alternately flat and wavy sheets treated with hygroscopic coating. Due to the large exchange surface compared to its volume, it ensures the recovery of latent and sensible heat, with a significant increase in the unit overall capacity.

Summer mode

Winter mode

Latent heat recovery

+45%

Cooling capacity recovered

Quick return on the investment

WSM2 functions

WSM2 is available in 8 configurations to easily fit a modern HVAC design

AR Functio

Unit function for the total recovery. Ideal in those applications where the air renewal and the exhaust air extraction are not managed by the rooftop unit.

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This unit perfectly substitutes old products in pre-existing HVAC plants which already have a system dedicated to air renewal.

Micro WSM2

Mini WSM2

WSM2

MF Function

The MF function allows the recirculated ambient air to be mixed with some fresh outside air. Free cooling operation is managed by the controller, which automatically opens the dampers according to the indoor and outdoor temperatures, and the set point. This function is ideal in refurbished buildings with low air tightening, to be coupled with already existing air extraction systems which need to be used to balance pressure inside the building.

Micro WSM2

Mini WSM2

WSM2

AX Function

Like the MF function, the AX function allows the unit to mix the recirculated ambient air with some fresh outdoor air. The unit is equipped with one or more axial fans in order to ensure exhaust air rejection. Thanks to these fans, AX is ideal in all commercial applications, such as gas stations where a compact and autonomous solution is required.

88 As the AX function, this function the outdoor coil is milder than has one or more fans to ensure the sorrounding one, granting exhaust air rejection. a better working conditions to This particular unit can recover the cooling circuit (decreasing the energy from the exhaust air of the condensing temperature flow, thanks to the pass through in cooling mode and increasing NO the outdoor coil. the evaporating temperature in BY-PASS Mini WSM2 Micro WSM2 In this way, the air facing to heating mode). Return air flow Supply air flow Fresh air flow Exhaust air flow

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CE Function

Unit with three dampers for unit operation in different modes: 100% recirculated air, air mixing, air extraction /expulsion.

Thanks to EC plug fan on return air flow, this unit is able to accurately control the pressure in the air-conditioned rooms. Moreover the unit is able to work in free cooling mode up to 100%.

Mini WSM2

NO BY-PASS

HR-B Function

Unit with three motorized dampers and Refrigerant Booster heat recovery. The unit ensures the treatment, renovation, and air extraction in a completely autonomous way. At the same time, the HR-B function rejects excess air and ensures free cooling mode. Thanks to the Refrigerant Booster recovery, the WSM2 HR-B unit promptly and fully recovers the thermal heat of the exhaust air, transferring this energy to the cooling circuit which increases its capacity.

Moreover the unit is able to work in free cooling mode up to 100%.

WSM2

WSM2

Mini WSM2

HR-P Low Flow and High Flow Function

The HR-P function is the ideal solution for an extreme climate with very hot, or alternatively, very cold conditions. Thanks to the cross-flow heat recovery the unit transfers the thermal energy contained in the exhaust air to the fresh air. The unit is equipped with three motorized dampers for the unit operation in total recirculated mode, 0-100% free cooling, air extraction / expulsion.

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B

There are two PHE available: low flow, whenever a little fresh air is required, while high flow is recommended when a lot of fresh air is required.

HR-E Function

The HR-E function employs the enthalpy heat recovery to exchange latent and sensible heat between the fresh outside air and exhaust air.

The unit is equipped with three motorized dampers for the unit operation in total recirculated mode, 0-100% free cooling, and air extraction/expulsion. Thanks to special hoods, the contamination between the renewal and exahust air is reduced to a minimum.

Mini WSM2

WSM2

0052 - 0152 Air source reversible and

cooling only rooftop unit (from 15,8 to 46,7 kW)

| WSM2 AR/MF | | | 0052 | 0062 | 0082 | 0092 | 0102 | 0122 | 0132 | 0152 |
|--|-----------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| Power supply | | V/ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| COOLING WSM2/WSM2-T (GROSS VALUE) | | | | | | | | | | |
| Total cooling capacity | (1) | kW | 15,8 | 18,0 | 20,9 | 27,4 | 33,2 | 37,3 | 42,9 | 46,7 |
| Total sensible capacity | (1) | kW | 11,8 | 14,2 | 16,9 | 22,0 | 28,6 | 32,5 | 37,3 | 40,8 |
| Compressors power input | (1) | kW | 4,06 | 4,97 | 5,77 | 7,65 | 8,00 | 10,0 | 11,7 | 12,8 |
| EER (total) | (1)(12) | kW/kW | 3,3 | 3,0 | 3,0 | 2,7 | 3,1 | 2,9 | 2,8 | 2,9 |
| COOLING WSM2 (EN14511 VALUE) | | | | | | | | | | |
| Cooling capacity | (1)(3) | kW | 15,8 | 18,1 | 21,0 | 27,6 | 33,7 | 37,9 | 43,5 | 47,7 |
| EER | (1)(3) | kW/kW | 3,48 | 3,22 | 3,20 | 2,87 | 3,42 | 3,16 | 3,08 | 3,18 |
| Cooling energy class | | | А | А | А | В | А | А | А | А |
| HEATING WSM2 (GROSS VALUE) | | | | | | | | | | |
| Total heating capacity | (2) | kW | 16,1 | 18,9 | 22,2 | 27,7 | 32,5 | 36,9 | 41,8 | 46,7 |
| Compressors power input | (2) | kW | 4,34 | 4,67 | 5,20 | 7,13 | 7,04 | 8,09 | 9,04 | 10,1 |
| COP (total) | (2)(12) | kW/kW | 3,3 | 3,3 | 3,5 | 3,0 | 3,3 | 3,3 | 3,4 | 3,5 |
| HEATING WSM2 (EN14511 VALUE) | | | | | | | | | | |
| Total heating capacity | (2)(3) | kW | 16,1 | 18,9 | 22,1 | 27,6 | 32,0 | 36,3 | 41,1 | 45,7 |
| COP | (2)(3) | kW/kW | 3,42 | 3,55 | 3,71 | 3,10 | 3,48 | 3,50 | 3,58 | 3,72 |
| Heating energy class | | | А | А | А | С | А | А | А | А |
| SEASONAL EFFICIENCY IN COOLING WSM2 (F | Reg. EU 2016/22 | 281) | | | | | | | | |
| Ambient refrigeration | | | | | | | | | | |
| Prated,c | (7) | kW | 15,8 | 18,1 | 21,0 | 27,6 | 33,7 | 37,9 | 43,5 | 47,7 |
| SEER | (7)(8) | | 4,46 | 4,19 | 4,34 | 4,07 | 4,89 | 4,33 | 4,14 | 4,27 |
| Performance ns | (7)(9) | % | 175,4 | 164,6 | 170,6 | 159,8 | 192,6 | 170,2 | 162,6 | 167,8 |
| SEASONAL EFFICIENCY IN HEATING WSM2 (R | leg. EU 2016/22 | .81) | | | | | | | | |
| Ambient heating | | | | | | | | | | |
| PDesign | (7) | kW | 13,0 | 15,4 | 17,8 | 22,6 | 24,6 | 28,1 | 31,7 | 35,2 |
| SCOP | (7)(8) | | 3,63 | 3,53 | 3,59 | 3,52 | 3,69 | 3,68 | 3,64 | 3,68 |
| Performance ns | (7)(10) | % | 142,2 | 138,2 | 140,6 | 137,8 | 144,6 | 144,2 | 142,6 | 144,2 |
| SUPPLY FANS (WSM2) | | | | | | | | | | |
| Air flow rate | | m³/h | 2500 | 3500 | 4500 | 5500 | 6300 | 7300 | 8400 | 9500 |
| Nominal ESP | (4) | Pa | 50 | 50 | 62 | 62 | 150 | 150 | 150 | 200 |
| Total power input | (12) | kW | 0,44 | 0,81 | 0,95 | 1,33 | 1,09 | 1,31 | 1,67 | 1,69 |
| REFRIGERANT CIRCUIT | | | | | | | | | | |
| No. Compressors/No. Circuits | | N° | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 |
| Refrigerant charge | (6)(11) | kg | 2,0 | 3,0 | 4,0 | 5,0 | 8,0 | 8,5 | 9,0 | 9,5 |
| NOISE LEVEL | | | | | | | | | | |
| Sound power level in cooling mode | (5) | dB(A) | 76 | 79 | 78 | 80 | 79 | 79 | 83 | 83 |
| Sound Power on outlet side | (5) | dB(A) | 76 | 84 | 79 | 84 | 77 | 81 | 86 | 82 |
| SIZE | | | | | | | | | | |
| Function AR | | | | | | | | | | |
| Length A | (6) | mm | 2055 | 2055 | 2055 | 2055 | 2000 | 2000 | 2000 | 2000 |
| Width B | (6) | mm | 1300 | 1300 | 1300 | 1300 | 1600 | 1600 | 1600 | 1600 |
| Height H | (6) | mm | 1640 | 1640 | 1640 | 1640 | 1837 | 1837 | 1837 | 1837 |
| Operating weight | (6)(13) | kg | 520 | 540 | 570 | 590 | 700 | 730 | 730 | 740 |
| Function MF | | | | | | | | | | |
| Length | | mm | 2430 | 2430 | 2430 | 2430 | 2380 | 2380 | 2380 | 2380 |
| Width | | mm | 1355 | 1355 | 1355 | 1355 | 1600 | 1600 | 1600 | 1600 |
| Height | | mm | 1640 | 1640 | 1640 | 1640 | 1837 | 1837 | 1837 | 1837 |
| Operating weight | (12) | ka | 550 | 570 | 600 | 620 | 760 | 700 | 700 | 800 |

Notes:

Cooling: Outdoor 35°C 50% R.H. / Indoor 27°C 47% R.H. / Mix 0%.
 Heating: Outdoor 7°C 87% R.H. / Indoor 20°C 50% R.H. / Mix 0%.

3 Values in compliance with EN14511 4 ESP for standard configuration (optional accessories not included/calculated).

5 Sound power on the basis of measurements made in compliance with ISO 9614.

6 Unit in AR configuration7 Parameter calculated according Parameter calculated according to [REGULATION (EU) N. 2016/2281]

8 Seasonal energy efficiency ratio

9 Seasonal space cooling energy efficiency

10 Seasonal energy efficiency of the heating environment in AVERAGE climatic conditions [REGULATION (EU) N. 2016/2281]

11 The gas charge is obtained from a theoretical calculation and may differ from the real one present in the unit and shown on the plate. 12 Available static pressure 250Pa (pressure drop resulting from any available accessories

not included). 13 The weight shown refers to the unit in the heat pump version, including any batteries and accessory filters. Any additional modules are not considered.

Certified data in EUROVENT*

* Eurovent certified data here reported refer to WSM2 reverse cyle unit. For WSM2-T data please refer to the data book or Elca World. Check ongoing validity of certificate and data update on: www.eurovent-certification.com

ROTARY

| WSM2 AX-F | | | 0052 | 0062 | 0082 | 0092 | 0102 | 0122 | 0132 | 0152 |
|---------------------------------------|-----|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| Power supply | | V/ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| COOLING WSM2/WSM2-T (GROSS VALUE) | | | | | | | | | | |
| Total cooling capacity | (1) | kW | 17,2 | 19,6 | 22,7 | 29,9 | 36,2 | 40,6 | 46,7 | 50,9 |
| Total sensible capacity | (1) | kW | 12,0 | 14,4 | 17,3 | 22,3 | 29,6 | 33,6 | 38,6 | 42,2 |
| Total absorbed power | (1) | kW | 4,9 | 6,2 | 7,3 | 10,4 | 10,8 | 13,2 | 15,6 | 16,7 |
| EER (total) | (1) | | 3,50 | 3,20 | 3,10 | 2,90 | 3,35 | 3,08 | 2,99 | 3,05 |
| HEATING ONLY WSM2 (GROSS VALUE) | | | | | | | | | | |
| Total heating capacity | (2) | kW | 16,3 | 19,5 | 22,9 | 28,7 | 33,7 | 37,7 | 42,9 | 49,1 |
| Total absorbed power | (2) | kW | 5,13 | 5,45 | 6,3 | 9,14 | 9,62 | 10,9 | 12,1 | 13,3 |
| COP (total) | (2) | | 3,20 | 3,60 | 3,60 | 3,10 | 3,50 | 3,46 | 3,55 | 3,69 |
| SUPPLY FAN | | | | | | | | | | |
| Quantity | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Air flow rate | | m³/h | 2500 | 3500 | 4500 | 5500 | 6300 | 7300 | 8400 | 9500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| EXHAUST FAN | | | | | | | | | | |
| Quantity | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Air flow rate | | m³/h | 875 | 1225 | 1575 | 1925 | 2205 | 2555 | 2940 | 3325 |
| Nominal AESP | (3) | Pa | 370 | 370 | 370 | 370 | 123 | 145 | 160 | 164 |
| REFRIGERANT CIRCUIT | | | | | | | | | | |
| N. compressors/ N. circuits | | | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 | 2/1 |
| Refrigerant charge | (7) | kg | 2 | 3 | 4 | 5 | 8 | 9 | 9 | 10 |
| NOISE LEVEL | | | | | | | | | | |
| Unit sound power level - COOLING ONLY | (4) | dB(A) | 81 | 82 | 82 | 84 | 81 | 83 | 86 | 87 |
| Unit sound power level - HEATING ONLY | (4) | dB(A) | 81 | 82 | 82 | 84 | 82 | 84 | 87 | 88 |
| SIZE | | | | | | | | | | |
| Length A | | mm | 2000 | 2000 | 2000 | 2000 | 2670 | 2670 | 2670 | 2670 |
| Width B | (6) | mm | 1755 | 1755 | 1755 | 1755 | 1600 | 1600 | 1600 | 1600 |
| Height H | | mm | 1595 | 1595 | 1595 | 1595 | 1837 | 1837 | 1837 | 1837 |
| Operating weight | (5) | kg | 570 | 590 | 610 | 630 | 830 | 860 | 860 | 870 |

Notes:

- Cooling: Outdoor 35°C 50% R.H. / Indoor 27°C 47% R.H. / Mix 35% Heating: Outdoor 7°C 87% R.H. / Indoor 20°C 50% R.H. / Mix 35%. 1 2
- 3 ESP for standard configuration (optional accessories not included/calculated).
 4 Sound power on the basis of measurements made in compliance with ISO 9614.

- For complete sound data consult lica World.
 The weight shown refers to the unit in the heat pump version, including any batteries and accessory filters. Any additional modules are not considered.
- 6 The dimension does not include hoods and the thickness of the pre-filter for fresh air if present.7 The refrigerant charge is the result of a theoretical calculation and could be different from 7 The refrigerant charge is the result of a theoretical calculation and could be different from the actual amount of refrigerant which is charged in the unit and on the label" The units highlighted in this publication contain HFC R410A [GWP₁₀₀ 2088] fluorinated greenhouse gases.

0052 - 0152

Air source reversible and cooling only rooftop unit (from 15,8 to 46,7 kW)

| WSM2 CE | | | 0102 | 0122 | 0132 | 0152 |
|--|-----|---------|----------|----------|----------|----------|
| Power supply | | V/ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| COOLING ONLY WSM2/WSM2-T (GROSS VALUE) | | | | | | |
| Total cooling capacity | (1) | kW | 35,6 | 39,8 | 45,8 | 49,7 |
| Total sensible capacity | (1) | kW | 29,4 | 33,3 | 38,2 | 41,7 |
| Total absorbed power | (1) | kW | 10,6 | 13,0 | 15,3 | 16,4 |
| EER (total) | (1) | | 3,36 | 3,06 | 2,99 | 3,03 |
| HEATING ONLY WSM2 (GROSS VALUE) | | | | | | |
| Total heating capacity | (2) | kW | 32,9 | 36,8 | 41,7 | 47,3 |
| Total absorbed power | (2) | kW | 9,36 | 10,5 | 11,7 | 12,7 |
| COP (total) | (2) | | 3,51 | 3,50 | 3,56 | 3,72 |
| SUPPLY FAN | | | | | | |
| Quantity | | | 1 | 1 | 1 | 1 |
| Air flow rate | | m³/h | 6300 | 7300 | 8400 | 9500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 |
| RETURN FAN | | | | | | |
| Quantity | | | 1 | 1 | 1 | 1 |
| Air flow rate | | m³/h | 6300 | 7300 | 8400 | 9500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 |
| COMPRESSORS | | | | | | |
| N. compressors/ N. circuits | | | 2 / 1 | 2/1 | 2/1 | 2/1 |
| Refrigerant charge | (7) | kg | 8 | 9 | 9 | 10 |
| NOISE LEVEL | | | | | | |
| Unit sound power level - COOLING ONLY | (4) | dB(A) | 80 | 81 | 85 | 85 |
| Unit sound power level - HEATING ONLY | (4) | dB(A) | 79 | 79 | 83 | 83 |
| SIZE | | | | | | |
| Length A | | mm | 2960 | 2960 | 2960 | 2960 |
| Width B | (6) | mm | 1600 | 1600 | 1600 | 1600 |
| Height H | | mm | 2396 | 2396 | 2396 | 2396 |
| Operating weight | (5) | kg | 1040 | 1070 | 1070 | 1090 |
| | | | | | | |
| Function HR-B | | | 0102 | 0122 | 0132 | 0152 |

| FUNCTION HR-B | | | 0102 | | 0132 | 0152 |
|---------------------------------------|-----|---------|----------|----------|----------|----------|
| Power supply | | V/ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| COOLING ONLY WSM2/WSM2-T (GROSS VALU | JE) | | | | | |
| Total cooling capacity | (1) | kW | 35,6 | 39,8 | 45,8 | 49,7 |
| Total sensible capacity | (1) | kW | 29,4 | 33,3 | 38,2 | 41,7 |
| Total absorbed power | (1) | kW | 10,6 | 13,0 | 15,3 | 16,4 |
| EER (total) | (1) | | 3,36 | 3,06 | 2,99 | 3,03 |
| HEATING ONLY WSM2 (GROSS VALUE) | | | | | | |
| Total heating capacity | (2) | kW | 32,9 | 36,8 | 41,7 | 47,3 |
| Total absorbed power | (2) | kW | 9,36 | 10,5 | 11,7 | 12,7 |
| COP (total) | (2) | | 3,51 | 3,50 | 3,56 | 3,72 |
| SUPPLY FAN | | | | | | |
| Quantity | | | 1 | 1 | 1 | 1 |
| Air flow rate | | m³/h | 6300 | 7300 | 8400 | 9500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 |
| RETURN FAN | | | | | | |
| Quantity | | | 1 | 1 | 1 | 1 |
| Air flow rate | | m³/h | 6300 | 7300 | 8400 | 9500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 |
| COMPRESSORS | | | | | | |
| N. compressors/ N. circuits | | | 2 / 1 | 2/1 | 2/1 | 2/1 |
| Refrigerant charge | (7) | kg | 8 | 9 | 9 | 10 |
| NOISE LEVEL | | | | | | |
| Unit sound power level - COOLING ONLY | (4) | dB(A) | 80 | 81 | 85 | 85 |
| Unit sound power level - HEATING ONLY | (4) | dB(A) | 79 | 79 | 83 | 83 |
| SIZE | | | | | | |
| Length A | | mm | 2960 | 2960 | 2960 | 2960 |
| Width B | (6) | mm | 1600 | 1600 | 1600 | 1600 |
| Height H | | mm | 2396 | 2396 | 2396 | 2396 |
| Operating weight | (5) | kg | 1040 | 1070 | 1070 | 1090 |
| | | | | | | |

Notes:

- I
 Cooling: Outdoor 35°C 50% R.H. / Indoor 27°C 47% R.H. / Mix 30%.

 2
 Heating: Outdoor 7°C 87% R.H. / Indoor 20°C 50% R.H. / Mix 30%.
- Esp for standard configuration (optional accessories not included/calculated).
 Sound power on the basis of measurements made in compliance with ISO 9614. For complete sound data consult Elca World.

5 The weight shown refers to the unit in the heat pump version, including any batteries and accessory filters. Any additional modules are not considered. The dimension does not include hoods and the thickness of the pre-filter for fresh air if present.

- 6

7 The refrigerant charge is the result of a theoretical calculation and could be different from the actual amount of refrigerant which is charged in the unit and on the label" The units highlighted in this publication contain HFC R410A [GWP₁₀₀ 2088] fluorinated greenhouse gases.

ROTARY

| www.eurovent-certification.com | | | | | JULING WIN REF.BUUSI | |
|--|-----|---------|----------|----------|----------------------|----------|
| | | | | | | |
| | | | | | | |
| Function HR-E | | | 0102 | 0122 | 0132 | 0152 |
| Power supply | | V/ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| COOLING ONLY WSM2/WSM2-T (GROSS VALUE) | | | | | | |
| Total cooling capacity | (1) | kW | 44,9 | 50,5 | 57,7 | 63 |
| Total sensible capacity | (1) | kW | 32,4 | 36,9 | 42,2 | 46,3 |
| Total absorbed power | (1) | kW | 11,6 | 14,1 | 16,7 | 17,6 |
| EER (total) | (1) | | 3,87 | 3,58 | 3,46 | 3,58 |
| HEATING ONLY WSM2 (GROSS VALUE) | | | | | | |
| Total heating capacity | (2) | kW | 40,6 | 46 | 52,2 | 58,4 |
| Total absorbed power | (2) | kW | 10,8 | 12,2 | 13,8 | 14,5 |
| COP | (2) | | 3,77 | 3,76 | 3,79 | 4,02 |
| SUPPLY FAN | | | | | | |
| o | | | | | | |

| lotal cooling capacity | (1) | KW | 44,9 | 50,5 | 57,7 | 63 |
|---------------------------------------|-----|-------|------|-------|------|------|
| Total sensible capacity | (1) | kW | 32,4 | 36,9 | 42,2 | 46,3 |
| Total absorbed power | (1) | kW | 11,6 | 14,1 | 16,7 | 17,6 |
| EER (total) | (1) | | 3,87 | 3,58 | 3,46 | 3,58 |
| HEATING ONLY WSM2 (GROSS VALUE) | | | | | | |
| Total heating capacity | (2) | kW | 40,6 | 46 | 52,2 | 58,4 |
| Total absorbed power | (2) | kW | 10,8 | 12,2 | 13,8 | 14,5 |
| COP | (2) | | 3,77 | 3,76 | 3,79 | 4,02 |
| SUPPLY FAN | | | | | | |
| Quantity | | | 1 | 1 | 1 | 1 |
| Air flow rate | | m³/h | 6300 | 7300 | 8400 | 9500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 |
| RETURN FAN | | | | | | |
| Quantity | | | 1 | 1 | 1 | 1 |
| Air flow rate | | m³/h | 6300 | 7300 | 8400 | 9500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 |
| COMPRESSORS | | | | | | |
| N. compressors/ N. circuits | | | 2/1 | 2 / 1 | 2/1 | 2/1 |
| Refrigerant charge | (6) | kg | 8 | 9 | 9 | 10 |
| NOISE LEVEL | | | | | | |
| Unit sound power level - COOLING ONLY | (4) | dB(A) | 80 | 81 | 85 | 85 |
| Unit sound power level - HEATING ONLY | (4) | dB(A) | 79 | 79 | 83 | 83 |
| SIZE | | | | | | |
| Length A | | mm | 3600 | 3600 | 3600 | 3600 |
| Width B | | mm | 2400 | 2400 | 2400 | 2400 |
| Height H | | mm | 1837 | 1837 | 1837 | 1837 |
| Operating weight | (5) | kg | 1210 | 1240 | 1240 | 1250 |

Notes:

Notes:
 Cooling: Outdoor 35°C 50% R.H. / Indoor 27°C 47% R.H. / Mix 30%.
 Heating: Outdoor 7°C 87% R.H. / Indoor 20°C 50% R.H. / Mix 30%.
 ESP for standard configuration (optional accessories not included/calculated).
 Sound power on the basis of measurements made in compliance with ISO 9614. For complete sound data consult Elca World.

- 5 The weight shown refers to the unit in the heat pump version, including any batteries and accessory filters. Any additional modules are not considered. 6 The refrigerant charge is the result of a theoretical calculation and could be different from the
- actual amount of refrigerant which is charged in the unit and on the label" The units highlighted in this publication contain HFC R410A [GWP₁₀₀ 2088] fluorinated greenhouse gases.

0264 - 0604 Air source reversible and cooling only rooftop unit (from 81,1 to 182 kW)

| WSM2 AR/MF | | | 0264 | 0304 | 0354 | 0404 | 0444 | 0484 | 0524 | 0604 |
|---|----------------|---------|----------|--------------|----------|----------|----------|----------|----------|----------|
| Power supply | | V/ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| COOLING WSM2/WSM2-T (GROSS VALUE) | | | | | | | | | | |
| Total cooling capacity | (1) | kW | 81.1 | 88.7 | 104 | 122 | 133 | 144 | 159 | 182 |
| Total sensible canacity | (1) | kW | 62.1 | 68.1 | 80.8 | 94.2 | 102 | 110 | 121 | 141 |
| | (1) | kW | 22.6 | 25.2 | 29.6 | 34.7 | 34.8 | 35.5 | 39.4 | 49.6 |
| EEB (total) | (1)(12) | kW/kW | 29 | 3.0 | 29 | 3.0 | 31 | 31 | 31 | 29 |
| COOLING WSM2 (EN14511 VALUE) | (1)(12) | NU/NU | 2,0 | 0,0 | 2,0 | 0,0 | 0,1 | 0,1 | 0,1 | 2,0 |
| | (1)(2) | L/M | 82.4 | 80.8 | 105 | 122 | 124 | 147 | 162 | 197 |
| | (1)(3) | | 02,4 | 09,0 2 27 | 216 | 2 10 | 2 21 | 2 20 | 2 40 | 216 |
| | (1)(3) | KVV/KVV | 3,15 | 5,27 | 3,10 | 3,19 | 3,31 | 3,30 | 3,40 | 3,10 |
| | | | A | А | А | А | А | А | А | А |
| Tetel hasting wom2 (GRUSS VALUE) | (0) | 1.347 | 00.4 | 00.0 | 105 | 104 | 100 | 1.40 | 100 | 100 |
| lotal neating capacity | (2) | KVV | 83,4 | 93,0 | 105 | 124 | 133 | 143 | 163 | 189 |
| Compressors power input | (2) | KW | 21,7 | 23,3 | 26,6 | 31,5 | 33,7 | 35,7 | 39,6 | 45,9 |
| COP (total) | (2)(12) | kW/kW | 3,3 | 3,4 | 3,2 | 3,3 | 3,2 | 3,0 | 3,1 | 3,2 |
| HEATING WSM2 (EN14511 VALUE) | | | | | | | | | | |
| Total heating capacity | (2)(3) | kW | 82,0 | 92,0 | 104 | 122 | 132 | 139 | 159 | 184 |
| COP | (2)(3) | kW/kW | 3,41 | 3,65 | 3,42 | 3,43 | 3,33 | 3,19 | 3,28 | 3,31 |
| Heating energy class | | | A | A | A | A | В | С | В | В |
| SEASONAL EFFICIENCY IN COOLING (Reg. EU 2 | 2016/2281) | | | | | | | | | |
| Ambient refrigeration | | | | | | | | | | |
| Prated,c | (7) | kW | 82,4 | 89,8 | 105 | 123 | 134 | 147 | 163 | 187 |
| SEER | (7)(8) | | 4,17 | 4,53 | 4,51 | 4,61 | 4,37 | 4,32 | 4,27 | 4,21 |
| Performance ns | (7)(9) | % | 163,8 | 178,2 | 177,4 | 181,4 | 171,8 | 169,8 | 167,8 | 165,4 |
| SEASONAL EFFICIENCY IN HEATING WSM2 (Re | eg. EU 2016/22 | 81) | | | | | | | | |
| Ambient heating | | | | | | | | | | |
| PDesign | (7) | kW | 64,4 | 73,1 | 82,7 | 96,7 | 104 | 110 | 125 | 144 |
| SCOP | (7)(8) | | 3,42 | 3,62 | 3,59 | 3,66 | 3,68 | 3,54 | 3,58 | 3,55 |
| Performance ηs | (7)(10) | % | 133,8 | 141,8 | 140,6 | 143,4 | 144,2 | 138,6 | 140,2 | 139,0 |
| SUPPLY FANS (WSM2) | | | | | | | | | | |
| Air flow rate | | m³/h | 13500 | 15500 | 18000 | 20500 | 22500 | 25000 | 28000 | 30500 |
| Nominal ESP | (4) | Pa | 200 | 125 | 125 | 150 | 150 | 300 | 350 | 350 |
| Total power input | (12) | kW | 2,13 | 2,30 | 2,74 | 3,17 | 3,63 | 4,74 | 5,85 | 7,03 |
| REFRIGERANT CIRCUIT | | | | | | | | | | |
| No. Compressors/No. Circuits | | N° | 4/2 | 4/2 | 4/2 | 4/2 | 4/2 | 4/2 | 4/2 | 4/2 |
| Refrigerant charge | (6)(11) | kg | 17,6 | 24,0 | 24,6 | 32,0 | 37,5 | 38,0 | 44,0 | 50,0 |
| NOISE LEVEL (WSM2) | | | | | | | | | | |
| Sound power level in cooling mode | (5) | dB(A) | 83 | 83 | 84 | 84 | 90 | 91 | 92 | 92 |
| Sound Power on outlet side | (5) | dB(A) | 79 | 74 | 76 | 78 | 79 | 90 | 93 | 96 |
| SIZE | | | | | | | | | | |
| Function AR | | | | | | | | | | |
| Length | (6) | mm | 3665 | 3665 | 3665 | 3665 | 4465 | 4465 | 4465 | 4465 |
| Width | (6) | mm | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 |
| Height | (6) | mm | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 |
| Operating weight | (6)(13) | kg | 1630 | 1740 | 1780 | 1840 | 2100 | 2170 | 2290 | 2320 |
| Function MF | | | | | | | | | | |
| Length | | mm | 4800 | 4800 | 4800 | 4800 | 5600 | 5600 | 5600 | 5600 |
| Width | | mm | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 |
| Height | | mm | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 |
| Operating weight | (13) | kg | 2120 | 2230 | 2270 | 2330 | 2590 | 2660 | 2780 | 2810 |

 1 ▶ Cooling: Outdoor 35°C 50% R.H. / Indoor 27°C 47% R.H. / Mix 0%.

 2 ▶ Heating: Outdoor 7°C 87% R.H. / Indoor 20°C 50% R.H. / Mix 0%.

Values in compliance with EN14511.
ESP for standard configuration (optional accessories not included/calculated).
Sound power on the basis of measurements made in compliance with ISO 9614.

6 ► Unit in AR configuration. 7 > Parameter calculated according to [REGULATION (EU) N. 2016/2281].

8 > Seasonal energy efficiency ratio.

9 > Seasonal space cooling energy efficiency.

Seasonal energy efficiency of the heating environment in AVERAGE climatic conditions [REGULATION (EU) N. 2016/2281]

11 The gas charge is obtained from a theoretical calculation and may differ from the real one present in the unit and shown on the plate. 12 • Available static pressure 250Pa (pressure drop resulting from any available accessories not included).

13 > The weight shown refers to the unit in the heat pump version, including any batteries and accessory filters. Any additional modules are not considered.

Certified data in EUROVENT*

* Eurovent certified data here reported refer to WSM2 reverse cyle unit. For WSM2-T data please refer to the data book or Elca World. Check ongoing validity of certificate and data update on: www.eurovent-certification.com

| WSM2 AX | | | 0264 | 0304 | 0354 | 0404 | 0444 | 0484 | 0524 | 0604 |
|--|--|--|---|--|---|--|--|---|--|--|
| Power supply | | V/ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| COOLING ONLY WSM2 (GROSS VALUE) | | | | | | | | | | |
| Total cooling capacity | (1) | kW | 86,8 | 94,8 | 111 | 130 | 142 | 153 | 170 | 194 |
| Total sensible capacity | (1) | kW | 62,7 | 68,7 | 81,5 | 94,9 | 103 | 110 | 122 | 142 |
| Total absorbed power | (1) | kW | 30.9 | 32.5 | 38.6 | 44.4 | 49.0 | 52.5 | 57.8 | 69.6 |
| FEB (total) | (1) | | 2.81 | 2 92 | 2.88 | 2 93 | 2 90 | 2 91 | 2 94 | 2 79 |
| | (1) | | 2,01 | 2,02 | 2,00 | 2,00 | 2,00 | 2,01 | 2,01 | 2,10 |
| HEATING ONLY WSW2 (GROSS VALUE) | (0) | 1.14/ | 04.0 | 04 | 107 | 105 | 105 | 145 | 100 | 101 |
| Iotal heating capacity | (2) | KW | 84,3 | 94 | 107 | 125 | 135 | 145 | 166 | 191 |
| lotal absorbed power | (2) | kW | 26,5 | 28 | 33,2 | 38,1 | 44,7 | 49,2 | 54,3 | 61,7 |
| COP (total) | (2) | | 3,18 | 3,36 | 3,22 | 3,28 | 3,02 | 2,95 | 3,06 | 3,10 |
| SUPPLY FAN | | | | | | | | | | |
| Quantity | | | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Air flow rate | | m³/h | 13500 | 15500 | 18000 | 20500 | 22500 | 25000 | 28000 | 30500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| EXHAUST FAN | | | | | | | | | | |
| Quantity | | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| Air flow rate | | m ³ /h | 4800 | 5550 | 6300 | 6750 | 8100 | 9000 | 9750 | 10500 |
| Nominal AESD | (2) | Do | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| | (3) | Fd | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| | | | 0.17 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
| No. compressors / No. circuits | | | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 |
| Refrigerant charge | (7) | kg | 18 | 24 | 25 | 32 | 38 | 38 | 44 | 50 |
| NOISE LEVEL | | | | | | | | | | |
| Unit sound power level - COOLING ONLY | (4) | dB(A) | 86 | 86 | 86 | 86 | 93 | 93 | 93 | 94 |
| Unit sound power level - HEATING ONLY | (4) | dB(A) | 86 | 86 | 86 | 86 | 93 | 93 | 93 | 94 |
| SIZE | | | | | | | | | | |
| Length | (6) | mm | 4800 | 4800 | 4800 | 4800 | 5600 | 5600 | 5600 | 5600 |
| Width | (-) | mm | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 |
| Height | | mm | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 |
| Operating weight | (E) | lia | 2410 | 2410 | 2410 | 2410 | 2410 | 2710 | 2410 | 2410 |
| Operating weight | (C) | ку | 2170 | 2280 | 2330 | 2360 | 2070 | 2740 | 2870 | 2900 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| WSM2 CE | | | 0264 | 0304 | 0354 | 0404 | 0444 | 0484 | 0524 | 0604 |
| WSM2 CE Power supply | | V/ph/Hz | 0264 400/3/50 | 0304 400/3/50 | 0354 400/3/50 | 0404 400/3/50 | 0444 400/3/50 | 0484 400/3/50 | 0524 400/3/50 | 0604 400/3/50 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) | | V/ph/Hz | 0264 400/3/50 | 0304 400/3/50 | 0354 400/3/50 | 0404 400/3/50 | 0444 400/3/50 | 0484 400/3/50 | 0524 400/3/50 | 0604 400/3/50 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity | (1) | V/ph/Hz kW | 0264 400/3/50 86,8 | 0304 400/3/50 94,8 | 0354 400/3/50 111 | 0404 400/3/50 130 | 0444 400/3/50 142 | 0484 400/3/50 153 | 0524 400/3/50 170 | 0604 400/3/50 194 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity | (1) (1) | V/ph/Hz KW KW | 0264 400/3/50 86,8 62,7 | 0304 400/3/50 94,8 68,7 | 0354 400/3/50 111 81,5 | 0404 400/3/50 130 94,9 | 0444 400/3/50 142 103 | 0484 400/3/50 153 110 | 0524 400/3/50 170 122 | 0604 400/3/50 194 142 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power | (1) (1) (1) | V/ph/Hz KW KW KW | 0264 400/3/50 86,8 62,7 30,2 | 0304 400/3/50 94,8 68,7 32,4 | 0354 400/3/50 111 81,5 38,2 | 0404 400/3/50 130 94,9 44,4 | 0444 400/3/50 142 103 43,8 | 0484 400/3/50 153 110 47,3 | 0524 400/3/50 170 122 52,6 | 0604 400/3/50 194 142 64,4 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) | (1) (1) (1) (1) | V/ph/Hz kW kW kW | 0264 400/3/50 86,8 62,7 30,2 2,87 | 0304 400/3/50 94,8 68,7 32,4 2,93 | 0354 400/3/50 111 81,5 38,2 2,91 | 0404 400/3/50 130 94,9 44,4 2,93 | 0444 400/3/50 142 103 43,8 3,24 | 0484 400/3/50 153 110 47,3 3,23 | 0524 400/3/50 170 122 52,6 3,23 | 0604 400/3/50 194 142 64,4 3,01 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) | (1) (1) (1) (1) | V/ph/Hz kW kW kW | 0264 400/3/50 86,8 62,7 30,2 2,87 | 0304 400/3/50 94,8 68,7 32,4 2,93 | 0354 400/3/50 111 81,5 38,2 2,91 | 0404 400/3/50 130 94,9 44,4 2,93 | 0444 400/3/50 142 103 43,8 3,24 | 0484 400/3/50 153 110 47,3 3,23 | 0524 400/3/50 170 122 52,6 3,23 | 0604 400/3/50 194 142 64,4 3,01 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity | (1) (1) (1) (1) (2) | V/ph/Hz kW kW kW | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 | 0354 400/3/50 1111 81,5 38,2 2,91 107 | 0404 400/3/50 130 94,9 44,4 2,93 125 | 0444 400/3/50 142 103 43,8 3,24 135 | 0484 400/3/50 153 110 47,3 3,23 145 | 0524 400/3/50 170 122 52,6 3,23 166 | 0604 400/3/50 194 142 64,4 3,01 191 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total heating capacity Total absorbed power | (1) (1) (1) (1) (2) (2) | V/ph/Hz kW kW kW kW | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 | 0484 400/3/50 153 110 47,3 3,23 145 44 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) | (1) (1) (1) (1) (2) (2) (2) | V/ptv/Hz kW kW kW kW | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3 37 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 327 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 2,338 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY EAN | (1) (1) (1) (1) (2) (2) (2) | V/ph/Hz kW kW kW kW | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Ouncitie | (1) (1) (1) (1) (2) (2) (2) | V/ph/Hz kW kW kW kW | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 |
| WSM2 CE Power supply COLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity | (1) (1) (1) (1) (2) (2) (2) (2) | V/ph/Hz kW kW kW kW kW | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 2 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 2 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 |
| WSM2 CE Power supply COLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate | (1) (1) (1) (1) (2) (2) (2) | V/ph/Hz KW KW KW KW KW m ³ /h | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 2 22500 2 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 2 5000 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 2 8000 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP | (1) (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW M ³ /h Pa | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 3,27 2 18000 250 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 2 25000 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN | (1) (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW M ³ /h Pa | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 250 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 2 22500 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity | (1) (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz kW kW kW kW kW m³/h Pa | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 250 250 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 250 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate | (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz kW kW kW kW m³/h Pa m³/h | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 1 15500 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 250 2 18000 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 2 50 2 2 20500 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 2 2 25000 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 2 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 2 2 30500 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP | (1) (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz kW kW kW kW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 15500 250 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 250 2 18000 250 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 2 2 20500 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 2 50 2 50 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 2 2 30500 250 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIRIGERANT CIRCUIT | (1) (1) (1) (2) (2) (2) (3) (3) | V/ph/Hz KW KW KW KW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 15500 250 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 3,27 2 18000 250 2 18000 250 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 2 2 20500 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 2 2 25000 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 2 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 2 2 30500 250 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGERANT CIRCUIT No. compressors / No. circuits | (1) (1) (1) (2) (2) (2) (3) (3) | V/ph/Hz KW KW KW KW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 2/2 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 15500 250 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 250 2 18000 250 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 2 20500 250 2 20500 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 2 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 2 2 30500 250 2 2 30500 250 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP RETIRN FAN RET | (1) (1) (1) (2) (2) (2) (3) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 1 13500 250 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 15500 250 1 15500 250 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 250 2 18000 250 2 2 18000 250 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 250 2 2 20500 250 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 25000 250 25000 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 2 2 28000 250 2 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 2 2 30500 250 2 2 30500 250 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NORSE LEVEL | (1) (1) (1) (2) (2) (2) (3) (3) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 2/2 2/2 18 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 15500 250 250 2/2 2/2 24 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 250 2 18000 250 2 2 18000 250 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 2 2 20500 250 2 50 2 2 20500 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 250 250 250 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 2 2 28000 250 2 50 2 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 2 30500 250 250 2 2 30500 250 250 2 50 |
| WSM2 CE Power supply COLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP REURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL | (1) (1) (1) (2) (2) (2) (3) (3) (3) (8) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 2/2 18 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 15500 250 2 1 15500 250 2 2/2 24 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 3,27 2 18000 250 2 18000 250 2 2 18000 250 2 2 2 2 2 2 2 5 3 2 2 2 5 3 2 2 2 5 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 2 2 20500 250 2 2 2 0500 250 2 2 2 2 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 250 250 22/2 38 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 250 250 250 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 2 2 28000 250 2 2 2 8000 250 2 2 2 2 8000 250 2 2 2 2 8000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 2 2 30500 250 2 2 30500 250 2 50 2 |
| WSM2 CE Power supply COLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Cuantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP RETRIN FAN QUANTITY AIR flow rate NOMINAL COULTY No. compressors / No. circuits Refrigerant charge NOISE LEVEL Units sound power level - COOLING ONLY | | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 2 2/2 18 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 15500 250 21/2 24 24 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 3,27 2 18000 250 2 18000 250 2 2 18000 250 2 2 2 2 2 5 3 2 2 2 5 3 2 2 2 5 3 2 2 2 5 3 2 2 3 2 2 3 2 3 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 2 2 20500 250 2 50 2 2 2 20500 250 2 50 2 2 2 2 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 250 250 250 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 2 2 28000 250 2 2 28000 250 2 2 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 2 2 30500 250 2 2 30500 250 2 50 2 |
| WSM2 CE Power supply COLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP RETURN FAN QUANTIS Air flow rate Nominal AESP RETURN FAN QUANTIS Air flow rate Nominal AESP RETURN FAN QUANTIS Air flow rate Nominal AESP RETRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY | (1) (1) (1) (2) (2) (2) (3) (3) (3) (3) (3) (4) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 2 1 13500 250 2 2 / 2 18 83 83 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 1 15500 250 21/2 24 24 83 83 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 3,27 2 18000 250 2 18000 250 2 2 18000 250 2 2 18000 250 2 2 18000 250 3 2 84 84 84 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 2 2 20500 250 2 5 2 2 20500 250 2 5 2 2 20500 250 2 5 3 8 4 84 84 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 2 25000 250 250 250 250 250 250 250 2 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 2 28000 250 2 2 28000 250 2 5 2 2 28000 250 2 5 0 2 2 2 28000 250 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 2 2 30500 250 2 2 30500 250 2 2 30500 250 2 50 2 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP RETURN FAN QUantity Air flow rate Nominal AESP RETIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE | (1) (1) (1) (2) (2) (2) (3) (3) (3) (3) (3) (4) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 2 1 13500 250 2 2 / 2 18 83 83 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 1 15500 250 250 2 2 2 2 4 83 83 83 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 3,27 2 18000 250 2 18000 250 2 2 18000 250 2 2 18000 250 2 2 8 4 84 84 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 250 250 250 2 2 20500 250 25 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 250 250 20 250 25 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 250 250 250 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 250 2 2 28000 250 2 50 2 2 2 8000 250 2 50 2 | 0604 400/3/50 194 142 64,4 3,01 191 56,5 3,38 2 30500 250 250 2 2 30500 250 250 2 2 30500 250 250 2 50 2 |
| WSM2 CE Power supply COLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Length | (1) (1) (1) (2) (2) (2) (3) (3) (3) (8) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) dB(A) | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 2 1 13500 250 2 2 / 2 18 83 83 83 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 1 15500 250 250 2 2 2 4 8 3 83 83 83 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 3,27 2 18000 250 2 18000 250 2 2 18000 250 2 2 18000 250 2 2 8 4 84 84 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 250 250 250 250 2 2 20500 250 25 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 250 250 250 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 250 2 2 28000 250 2 50 2 2 2 8000 250 2 50 2 | 0604 400/3/50 194 142 64,4 3,01 91 56,5 3,38 2 30500 250 250 250 2 2 30500 250 250 2 50 2 |
| WSM2 CE Power supply COLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Cuantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP INDISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Length Width | (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (3) (3) (4) (4) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) dB(A) | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 2 2/2 18 83 83 83 83 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 15500 250 250 2 2 4 3 8 3 83 83 83 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 250 2 18000 250 2 2 18000 250 2 2 18000 250 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 250 250 250 250 250 250 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 2250 2250 2250 2250 225 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 250 250 250 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 2 2 28000 250 2 2 28000 250 2 2 2 28000 250 2 2 2 2 2 8000 2 50 2 2 2 2 8000 2 50 2 2 2 2 8000 2 50 2 2 2 2 8000 2 50 2 5 | 0604 400/3/50 194 142 64,4 3,01 91 191 56,5 3,38 2 30500 250 2 2 30500 250 2 2 30500 250 2 50 2 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total asensible capacity Total asensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Cuantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Length Width Height | (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (3) (3) (4) (4) (4) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) dB(A) | 0264 400/3/50 86.8 62.7 30.2 2.87 84.3 25.8 3.27 1 13500 250 250 212 18 83 83 83 83 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 1 15500 250 2/2 2/2 24 83 83 83 | 0354 400/3/50 1111 81,5 38,2 2,91 07 32,7 3,27 2 18000 250 2 2 18000 250 2 50 2 2 18000 250 2 50 2 8 4 84 84 84 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 250 250 250 250 250 250 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 250 250 250 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 250 250 2 2 28000 250 2 2 2 8000 250 2 2 2 8000 250 2 92 92 92 92 | 0604 400/3/50 194 142 64,4 3,01 91 56,5 3,38 2 30500 250 2 2 30500 250 2 2 30500 250 2 2 30500 250 2 2 30500 250 2 2 30500 250 2 2 30500 250 2 2 30500 250 2 2 30500 250 2 2 30500 2 2 50 |
| WSM2 CE Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Length Width Height Operating weight | (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (3) (3) (3) (4) (4) (4) (4) (4) (4) (5) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) dB(A) mm mm | 0264 400/3/50 86,8 62,7 30,2 2,87 84,3 25,8 3,27 1 13500 250 1 13500 250 2 / 2 18 83 83 83 83 83 6100 2250 2410 2510 | 0304 400/3/50 94,8 68,7 32,4 2,93 94 27,9 3,37 2 15500 250 250 1 15500 250 2 2/2 24 83 83 83 83 | 0354 400/3/50 1111 81,5 38,2 2,91 107 32,7 3,27 2 18000 250 2 2 18000 250 2 5 2 2 18000 250 2 5 3 8 4 84 84 84 84 | 0404 400/3/50 130 94,9 44,4 2,93 125 38 3,29 2 20500 250 250 250 250 250 250 250 250 | 0444 400/3/50 142 103 43,8 3,24 135 39,5 3,42 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 153 110 47,3 3,23 145 44 3,3 2 25000 250 250 250 250 250 250 250 250 | 0524 400/3/50 170 122 52,6 3,23 166 49,1 3,38 2 28000 250 250 250 2 2 28000 250 2 5 2 2 28000 250 2 5 0 0 2 5 0 2 5 0 2 5 0 2 5 0 2 5 0 2 5 0 0 2 5 0 0 2 5 0 0 2 5 0 0 2 5 0 2 5 0 2 5 0 2 5 0 0 2 5 0 2 5 0 2 5 0 2 5 0 0 2 5 0 2 5 0 2 5 0 2 5 0 2 5 0 0 2 5 0 0 2 5 0 0 2 2 5 0 0 2 5 0 0 2 5 0 0 2 5 0 0 2 5 0 0 2 5 0 0 2 5 0 2 5 0 0 2 5 2 5 | 0604 400/3/50 194 142 64,4 3,01 91 56,5 3,38 2 30500 250 250 2 2 30500 250 2 50 2 2 30500 250 2 50 2 |

Notes:

 I
 Cooling: Outdoor 35°C 50% R.H. / Indoor 27°C 47% R.H. / Mix 30%.

 2
 Heating: Outdoor 7°C 87% R.H. / Indoor 20°C 50% R.H. / Mix 30%.

SESP for standard configuration (optional accessories not included/calculated).
 Sound power on the basis of measurements made in compliance with ISO 9614. For complete sound

data consult Eica World. 5 • The weight shown refers to the unit in the heat pump version, including any batteries and accessory

filters. Any additional modules are not considered.

6 The dimension does not include hood and expulsion fans.
7 The refrigerant charge is the result of a theoretical calculation and could be different from the

actual amount of refrigerant which is charged in the unit and on the label. 8 • The dimension does not include hoods and the thickness of the pre-filter for fresh air if present.

The units highlighted in this publication contain HFC R410A [GWP $_{\rm 100}$ 2088] fluorinated greenhouse gases.

0264 - 0604 Air source reversible and cooling only rooftop unit (from 81,1 to 182 kW)

| WSM2 HR-B | | | 0264 | 0304 | 0354 | 0404 | 0444 | 0484 | 0524 | 0604 |
|--|---|--|--|---|---|---|---|--|--|---|
| Power supply | | V/ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| COOLING ONLY WSM2 (GROSS VALUE) | | | | | | | | | | |
| Total cooling capacity | (1) | kW | 94,3 | 103 | 120 | 141 | 154 | 167 | 184 | 211 |
| Total sensible capacity | (1) | kW | 65,8 | 72,0 | 85,5 | 99,6 | 108 | 116 | 127 | 149 |
| Total absorbed power | (1) | kW | 30,3 | 32,4 | 38,3 | 44,5 | 43,8 | 47,3 | 52,6 | 64,4 |
| EER (total) | (1) | | 3,11 | 3,18 | 3,13 | 3,17 | 3,52 | 3,53 | 3,5 | 3,28 |
| HEATING ONLY WSM2 (GROSS VALUE) | | | | | | | | | | |
| Total heating capacity | (2) | kW | 90,9 | 101 | 115 | 135 | 146 | 156 | 179 | 206 |
| Total absorbed power | (2) | kW | 26,5 | 28,7 | 33,6 | 39,1 | 40,5 | 45,1 | 50,3 | 57,9 |
| COP (total) | (2) | | 3,42 | 3,54 | 3,41 | 3,45 | 3,6 | 3,46 | 3,55 | 3,56 |
| SUPPLY FAN | | | | | | | | | | |
| Quantity | | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Air flow rate | (0) | m³/h | 13500 | 15500 | 18000 | 20500 | 22500 | 25000 | 28000 | 30500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| RETURN FAN | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Quantity | | 3.0- | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| Air now rate | (0) | m°/n | 13500 | 15500 | 18000 | 20500 | 22500 | 25000 | 28000 | 30500 |
| | (3) | Pa | 200 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| | | | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 |
| No. Compressors / No. CilCuits | (2) | ka | 212 | 12 | 50 | 62 | 2/2 | 2/2 | 2/2 | 2/2 |
| | (0) | ĸy | 34 | 42 | 50 | 02 | 75 | 00 | 00 | 104 |
| | (4) | dB(A) | 83 | 84 | 86 | 87 | 90 | 01 | 02 | 02 |
| Linit sound power level - HEATING ONLY | (4) | dB(A) | 83 | 84 | 86 | 87 | 90 | 91 | 92 | 92 |
| SIZE | (-) | uD(A) | 00 | 04 | 00 | 07 | 50 | 51 | 52 | 52 |
| Length | | mm | 6100 | 6100 | 6100 | 6100 | 6900 | 6900 | 6900 | 6900 |
| Width | (7) | mm | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 |
| Height | (.) | mm | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 |
| Operating weight | (5) | ka | 2560 | 2670 | 2710 | 2760 | 3130 | 3200 | 3330 | 3360 |
| | (-) | 5 | | | | | | | | |
| | | | | | | | | | | |
| WSM2 HR-P LOW FLOW | | | 0264 | 0304 | 0354 | 0404 | 0444 | 0484 | 0524 | 0604 |
| WSM2 HR-P LOW FLOW Power supply | | V/ph/Hz | 0264 400/3/50 | 0304 400/3/50 | 0354 400/3/50 | 0404 400/3/50 | 0444 400/3/50 | 0484 400/3/50 | 0524 400/3/50 | 0604 400/3/50 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) | | V/ph/Hz | 0264 400/3/50 | 0304 400/3/50 | 0354 400/3/50 | 0404 400/3/50 | 0444 400/3/50 | 0484 400/3/50 | 0524 400/3/50 | 0604 400/3/50 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity | (1) | V/ph/Hz kW | 0264 400/3/50 93,8 | 0304 400/3/50 100 | 0354 400/3/50 117 | 0404 400/3/50 137 | 0444 400/3/50 149 | 0484 400/3/50 162 | 0524 400/3/50 179 | 0604 400/3/50 204 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity | (1) (1) | V/ph/Hz kW kW | 0264 400/3/50 93,8 65,4 | 0304 400/3/50 100 71,0 | 0354 400/3/50 117 84,0 | 0404 400/3/50 137 97,7 | 0444 400/3/50 149 106 | 0484 400/3/50 162 114 | 0524 400/3/50 179 126 | 0604 400/3/50 204 146 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power | (1) (1) (1) | V/ph/Hz kW kW kW | 0264 400/3/50 93,8 65,4 30,3 | 0304 400/3/50 100 71,0 32,7 | 0354 400/3/50 117 84,0 38,9 | 0404 400/3/50 137 97,7 45,2 | 0444 400/3/50 149 106 47,7 | 0484 400/3/50 162 114 51,9 | 0524 400/3/50 179 126 58,3 | 0604 400/3/50 204 146 72,3 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) | (1) (1) (1) (1) | V/ph/Hz kW kW kW | 0264 400/3/50 93,8 65,4 30,3 3,1 | 0304 400/3/50 100 71,0 32,7 3,06 | 0354 400/3/50 117 84,0 38,9 3,01 | 0404 400/3/50 137 97,7 45,2 3,03 | 0444 400/3/50 149 106 47,7 3,12 | 0484 400/3/50 162 114 51,9 3,12 | 0524 400/3/50 179 126 58,3 3,07 | 0604 400/3/50 204 146 72,3 2,82 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) | (1) (1) (1) (1) | V/ph/Hz kW kW kW | 0264 400/3/50 93,8 65,4 30,3 3,1 | 0304 400/3/50 100 71,0 32,7 3,06 | 0354 400/3/50 117 84,0 38,9 3,01 | 0404 400/3/50 137 97,7 45,2 3,03 | 0444 400/3/50 149 106 47,7 3,12 | 0484 400/3/50 162 114 51,9 3,12 | 0524 400/3/50 179 126 58,3 3,07 | 0604 400/3/50 204 146 72,3 2,82 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total heating capacity | (1) (1) (1) (1) (2) | V/ph/Hz kW kW kW | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 | 0304 400/3/50 100 71,0 32,7 3,06 104 | 0354 400/3/50 117 84,0 38,9 3,01 118 | 0404 400/3/50 137 97,7 45,2 3,03 138 | 0444 400/3/50 149 106 47,7 3,12 149 | 0484 400/3/50 162 114 51,9 3,12 160 | 0524 400/3/50 179 126 58,3 3,07 183 | 0604 400/3/50 204 146 72,3 2,82 210 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power | (1) (1) (1) (1) (2) (2) | V/ph/Hz kW kW kW kW | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 | 0604 400/3/50 204 146 72,3 2,82 210 66 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) | (1) (1) (1) (1) (2) (2) (2) | V/ph/Hz kW kW kW kW kW | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN | (1) (1) (1) (1) (2) (2) (2) (2) | V/ph/Hz kW kW kW kW | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity | (1) (1) (1) (1) (2) (2) (2) (2) | V/ph/Hz kW kW kW kW | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 2 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate | (1) (1) (1) (1) (2) (2) (2) | V/ph/Hz KW KW KW KW KW KW | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 2 15500 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 2 18000 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 2 25000 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 30500 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Norminal AESP | (1) (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 15500 250 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 30500 250 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP ELURN FAN | (1) (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 15500 250 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 30500 250 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity | (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz kW kW kW kW kW m ³ /h Pa | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 15500 250 1 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 250 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 2 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 250 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 250 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 30500 250 250 2 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP | (1) (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 1 13500 250 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 15500 250 1 1 15500 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 250 2 2 20500 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 2 2 22500 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 2 2 25000 250 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 2 28000 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 30500 250 250 2 2 30500 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP DESPLOTEMENT | (1) (1) (1) (2) (2) (2) (3) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 15500 250 1 1 15500 250 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 2 2 20500 250 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 2500 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 2 2 25000 250 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 30500 250 250 250 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (total) SUPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGEERANT CIRCUT No. namesoner (Ma givinition) | (1) (1) (1) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 2,12 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 10500 250 1 15500 250 1 15500 250 | 0354 400/3/50 117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 2 18000 250 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 2 20500 250 2 50 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 2 2 25000 250 2 50 2 50 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 2 8000 250 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 300500 250 250 250 250 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total aensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (tota) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGERANT CIRCUIT No. compressors / No. circuits Deficience terms | (1) (1) (1) (1) (2) (2) (2) (3) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 1 13500 250 2/2 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 10500 250 250 1 15500 250 250 250 | 0354 400/3/50 117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 2 18000 250 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 250 2 2 20500 250 250 250 2 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 250 250 250 250 250 250 25 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 2 8000 250 2 50 2 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 300500 250 250 250 250 250 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUT No. compressors / No. circuits Refrigerant charge NURSE LEVEN | (1) (1) (1) (1) (2) (2) (2) (3) (3) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 1 13500 250 2/2 17,6 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 10500 250 250 1 1 15500 250 250 250 2/2 2/2 24 | 0354 400/3/50 1117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 2 2 18000 250 2 2 2 2 4,6 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 2 2 20500 250 2 50 2 2 20500 250 2 2 2 2 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 250 250 250 250 250 250 25 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 2 28000 250 2 2 2 8000 250 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 30500 250 250 250 250 250 250 250 250 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (total) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUT No. compressors / No. circuits Refrigerant charge NOISE LEVEL | (1) (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (6) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 2/2 17,6 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 10500 250 250 1 15500 250 2/2 2/2 24 | 0354 400/3/50 117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 2 2 18000 250 2/2 24,6 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 2 2 20500 250 2 2 20500 250 2 2 2 2 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 250 250 272 37,5 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 2 2 25000 250 250 2 2 2 25000 250 25 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 2 8000 250 2 2 28000 250 2 2 2 2 8000 250 2 2 / 2 4 4 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 300500 250 250 2 2 300500 250 250 2 50 2 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP (tota) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY | (1) (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (3) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dD(A) | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 2/2 17,6 83 83 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 10500 250 250 1 15500 250 2/2 24 84 | 0354 400/3/50 117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 2 18000 250 2 2 4,6 86 86 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 250 250 250 250 250 250 250 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 250 250 250 250 250 250 25 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 28000 250 2 2 28000 250 2 2 4 4 4 92 92 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 30500 250 250 250 250 2 2 30500 250 250 250 250 2 2 30500 250 250 2 2 2 2 2 2 30500 250 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (tota) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SYZE | (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (3) (4) (4) (4) | V/ph/Hz kW kW kW kW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 2/2 17,6 83 83 83 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 10500 250 250 1 15500 250 250 2/2 24 84 84 | 0354 400/3/50 117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 2 18000 250 2 2 4,6 86 86 86 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 250 250 250 250 250 250 250 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 250 250 250 250 250 250 25 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 28000 250 2 2 28000 250 2 2 4 4 4 92 92 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 300500 250 250 250 250 2 2 300500 250 250 2 50 2 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (tota) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Lenotth | (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (4) (4) (4) | V/ph/Hz kW kW kW kW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 2/2 17,6 83 83 83 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 10500 250 250 1 15500 250 2/2 24 84 84 84 | 0354 400/3/50 117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 2 2 18000 250 2 2 4,6 86 86 86 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 2 2 20500 250 2 50 2 2 20500 250 2 50 2 2 2 2 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 5000 250 2 5000 250 2 5000 250 2 5000 250 2 5000 250 2 5000 250 2 5000 250 2 5000 250 2 5000 250 2 5000 250 2 5000 250 2 5000 250 2 5000 250 25 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 2 28000 250 2 2 2 8000 250 2 2 2 2 2 0 2 2 2 2 0 0 2 2 2 0 2 2 2 0 0 2 2 2 0 2 2 2 0 0 2 2 2 0 0 2 2 2 0 0 2 2 2 0 0 0 2 0 2 0 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 300500 250 250 2 50 2 2 50 2 2 50 2 50 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total sensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (tota) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Length Worth | (1) (1) (1) (2) (2) (2) (2) (2) (3) (3) (3) (4) (4) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) dB(A) | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 2/2 17,6 83 83 83 83 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 10500 250 2 1 15500 250 2 1 15500 250 2 2 / 2 24 84 84 84 | 0354 400/3/50 117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 2 2 18000 250 2 2 4,6 86 86 86 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 2 2 20500 250 2 2 20500 250 2 2 2 2 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 250 250 250 250 2/2 38 91 91 91 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 2 28000 250 2 2 2 8000 250 2 2 2 2 8000 250 2 2 2 2 8000 250 2 2 2 2 8000 250 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 300500 250 250 2 2 300500 250 2 50 2 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (tota) SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Length Width Heinth | (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (3) (4) (4) (4) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) dB(A) | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 1 13500 250 2 / 2 17,6 83 83 83 6100 2250 2410 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 10500 250 2 1 15500 250 2 1 15500 250 2 2 / 2 24 84 84 84 | 0354 400/3/50 117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 18000 250 2 2 18000 250 2 2 4,6 86 86 86 6100 2250 2410 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 2 2 20500 250 2 2 2 20500 250 2 2 2 32 87 87 87 87 6100 2250 2410 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 5000 250 2 50 2 50 2 50 2 50 2 50 2 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 28000 250 2 50 2 2 28000 250 2 2 2 8000 250 2 2 4 4 4 92 92 92 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 300500 250 250 2 50 2 2 50 2 2 50 2 50 |
| WSM2 HR-P LOW FLOW Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total absorbed power COP (tota) SUPPLY FAN Ouantity Air flow rate Nominal AESP RETURN FAN Ouantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Length Width Height Ooeratino weicht | (1) (1) (1) (1) (2) (2) (2) (2) (2) (3) (3) (3) (3) (3) (3) (4) (4) (4) (4) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) dB(A) mm mm | 0264 400/3/50 93,8 65,4 30,3 3,1 93,4 27 3,46 1 13500 250 250 2 / 2 17,6 83 83 83 6100 2250 2410 2700 | 0304 400/3/50 100 71,0 32,7 3,06 104 29,2 3,57 2 15500 250 2 5 5 2 1 15500 250 2 5 0 2 2 2 4 8 4 84 84 84 | 0354 400/3/50 117 84,0 38,9 3,01 118 34,6 3,42 2 18000 250 2 2 18000 250 2 2 2 4,6 86 86 86 86 | 0404 400/3/50 137 97,7 45,2 3,03 138 40,2 3,44 2 20500 250 2 2 2 20500 250 2 2 2 2 2 2 2 2 5 0 2 2 2 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 | 0444 400/3/50 149 106 47,7 3,12 149 44,8 3,33 2 22500 250 250 250 250 250 250 250 250 | 0484 400/3/50 162 114 51,9 3,12 160 50,1 3,2 2 25000 250 250 250 250 250 250 250 25 | 0524 400/3/50 179 126 58,3 3,07 183 56,4 3,24 2 28000 250 2 50 2 2 28000 250 2 50 2 2 28000 250 2 50 2 | 0604 400/3/50 204 146 72,3 2,82 210 66 3,17 2 30500 250 250 250 250 2/2 50 2/2 50 92 92 92 92 |

Notes

 Notes:

 1 > Cooling: Outdoor 35°C 50% R.H. / Indoor 27°C 47% R.H. / Mix 30%.

 2 > Heating: Outdoor 7°C 87% R.H. / Indoor 20°C 50% R.H. / Mix 30%.

3 > ESP for standard configuration (optional accessories not included/calculated).
4 > Sound power on the basis of measurements made in compliance with ISO 9614. For complete sound

data consult Eica World. 5 • The weight shown refers to the unit in the heat pump version, including any batteries and accessory

filters. Any additional modules are not considered. 7 • The dimension does not include hoods and the thickness of the pre-filter for fresh air if present. 8 • The refrigerant charge is the result of a theoretical calculation and could be different from the

actual amount of refrigerant which is charged in the unit and on the label

The units highlighted in this publication contain HFC R410A [GWP $_{\rm 100}$ 2088] fluorinated greenhouse gases.

MITSUBISHI ELECTRIC HYDRONICS & IT COOLING SYSTEMS S.p.A.

| WSM2 HR-P HIGH FLOW | | | 0264 | 0304 | 0354 | 0404 | 0444 | 0484 | 0524 | 0604 |
|--|---|---|---|--|---|--|---|--|--|--|
| Power supply | | V/ph/Hz | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 | 400/3/50 |
| COOLING ONLY WSM2/WSM2-T (GROSS VALUE) | | | | | | | | | | |
| Total cooling capacity | (1) | kW | 92,2 | 101 | 118 | 138 | 150 | 167 | 184 | 205 |
| Total sensible capacity | (1) | kW | 64,8 | 71,2 | 84,2 | 97,9 | 106 | 116 | 128 | 146 |
| Total absorbed power | (1) | kW | 30,2 | 32,3 | 38,4 | 44,5 | 46,8 | 50,9 | 56,9 | 69,6 |
| EER (total) | (1) | | 3,05 | 3,13 | 3,07 | 3,1 | 3,21 | 3,28 | 3,23 | 2,95 |
| HEATING WSM2 (GROSS VALUE) | | | | | | | | | | |
| Total heating capacity | (2) | kW | 94,1 | 105 | 119 | 139 | 151 | 162 | 184 | 211 |
| Total absorbed power | (2) | kW | 26,9 | 29 | 34,1 | 39,6 | 44,1 | 49,3 | 55,3 | 63,5 |
| COP | (2) | | 3,5 | 3,63 | 3,49 | 3,52 | 3,42 | 3,28 | 3,33 | 3,33 |
| SUPPLY FAN | | | | | | | | | | |
| Quantity | | | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Air flow rate | | m³/h | 13500 | 15500 | 18000 | 20500 | 22500 | 25000 | 28000 | 30500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| RETURN FAN | | | | | | | | | | |
| Quantity | | 2 * | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| Air flow rate | - | m³/h | 13500 | 15500 | 18000 | 20500 | 22500 | 25000 | 28000 | 30500 |
| Nominal AESP | (3) | Pa | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| REFRIGERANT CIRCUIT | | | 0.40 | 0.40 | 0.40 | 0.40 | 2 / 2 | 0.40 | 2 / 2 | 0.40 |
| NU. COMPRESSORS / NO. CITCUITS | (0) | 10 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 2/2 | 272 |
| | (8) | кg | ۵, ۱/ | 24 | 24,6 | 32 | 37,5 | 38 | 44 | 50 |
| | (4) | dB(A) | 83 | 94 | 86 | 97 | 00 | 01 | 02 | 02 |
| | (4) | dD(A) | 00 | 04 | 00 | 07 | 90 | 91 | 92 | 92 |
| SIZE | (4) | UD(A) | 03 | 04 | 00 | 0/ | 90 | 91 | 92 | 92 |
| length | | mm | 6100 | 6100 | 6100 | 6100 | 6900 | 6900 | 6900 | 6900 |
| Width | (7) | mm | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 |
| Height | (7) | mm | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 | 2410 |
| Operating weight | (5) | ka | 2700 | 2810 | 2860 | 2910 | 3330 | 3400 | 3520 | 3550 |
| opointing worgin | (0) | | 2,00 | 2010 | 2000 | 2010 | 0000 | 0100 | 0020 | 0000 |
| | | | | | | | | | | |
| WSM2 HR-E | | | 0264 | 0304 | 0354 | 0404 | 0444 | 0484 | 0524 | 0604 |
| WSM2 HR-E Power supply | | V/ph/Hz | 0264 400/3/50 | 0304 400/3/50 | 0354 400/3/50 | 0404 400/3/50 | 0444 400/3/50 | 0484 400/3/50 | 0524 400/3/50 | 0604 400/3/50 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) | | V/ph/Hz | 0264 400/3/50 | 0304 400/3/50 | 0354 400/3/50 | 0404 400/3/50 | 0444 400/3/50 | 0484 400/3/50 | 0524 400/3/50 | 0604 400/3/50 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity | (1) | V/ph/Hz kW | 0264 400/3/50 109 | 0304 400/3/50 120 | 0354 400/3/50 140 | 0404 400/3/50 162 | 0444 400/3/50 178 | 0484 400/3/50 194 | 0524 400/3/50 214 | 0604 400/3/50 241 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity | (1) (1) | V/ph/Hz kW kW | 0264 400/3/50 109 70,6 | 0304 400/3/50 120 77,7 | 0354 400/3/50 140 91,6 | 0404 400/3/50 162 106,0 | 0444 400/3/50 178 116 | 0484 400/3/50 194 125 | 0524 400/3/50 214 137 | 0604 400/3/50 241 159 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power | (1) (1) (1) | V/ph/Hz kW kW kW | 0264 400/3/50 109 70,6 30,1 | 0304 400/3/50 120 77,7 32,3 | 0354 400/3/50 140 91,6 38,5 | 0404 400/3/50 162 106,0 44,6 | 0444 400/3/50 178 116 46,7 | 0484 400/3/50 194 125 50,8 | 0524 400/3/50 214 137 56,8 | 0604 400/3/50 241 159 69,2 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) | (1) (1) (1) (1) | V/ph/Hz kW kW kW | 0264 400/3/50 109 70,6 30,1 3,62 | 0304 400/3/50 120 77,7 32,3 3,72 | 0354 400/3/50 140 91,6 38,5 3,64 | 0404 400/3/50 162 106,0 44,6 3,63 | 0444 400/3/50 178 116 46,7 3,81 | 0484 400/3/50 194 125 50,8 3,82 | 0524 400/3/50 214 137 56,8 3,77 | 0604 400/3/50 241 159 69,2 3,48 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) | (1) (1) (1) (1) | V/ph/Hz KW KW KW | 0264 400/3/50 109 70,6 30,1 3,62 | 0304 400/3/50 120 77,7 32,3 3,72 | 0354 400/3/50 140 91,6 38,5 3,64 | 0404 400/3/50 162 106,0 44,6 3,63 | 0444 400/3/50 178 116 46,7 3,81 | 0484 400/3/50 194 125 50,8 3,82 | 0524 400/3/50 214 137 56,8 3,77 | 0604 400/3/50 241 159 69,2 3,48 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity | (1) (1) (1) (1) (2) | V/ph/Hz kW kW kW | 0264 400/3/50 109 70,6 30,1 3,62 102 | 0304 400/3/50 120 77,7 32,3 3,72 114 | 0354 400/3/50 140 91,6 38,5 3,64 129 | 0404 400/3/50 162 106,0 44,6 3,63 150 | 0444 400/3/50 178 116 46,7 3,81 163 | 0484 400/3/50 194 125 50,8 3,82 176 | 0524 400/3/50 214 137 56,8 3,77 200 | 0604 400/3/50 241 159 69,2 3,48 228 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power | (1) (1) (1) (1) (2) (2) | V/ph/Hz KW KW KW KW KW | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 | 0484 400/3/50 194 125 50,8 3,82 176 50 | 0524 400/3/50 214 137 56,8 3,77 200 56 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP | (1) (1) (1) (1) (2) (2) (2) (2) | V/ph/Hz kW kW kW kW | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 3,71 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP SUPPLY FAN Co. HE | (1) (1) (1) (1) (2) (2) (2) | V/ph/Hz kW kW kW kW | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 3,71 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP SUPPLY FAN Quantity | (1) (1) (1) (1) (2) (2) (2) (2) | V/ph/Hz kW kW kW kW | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 3,71 1 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP SUPPLY FAN Quantity Air flow rate | (1) (1) (1) (1) (2) (2) (2) (2) | V/ph/Hz KW KW KW KW KW m ³ /h | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 3,71 1 13500 102 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 2 15500 2 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 2 18000 200 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 2 20500 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 2 22500 2 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 2 25000 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 2 28000 2 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 2 3,54 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP DETURD COM | (1) (1) (1) (1) (2) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW KW M ³ /h Pa | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 3,71 1 13500 250 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 115500 250 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 2 18000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 2 25000 250 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 2 8000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 2 30500 250 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total asensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Ourantit | (1) (1) (1) (1) (2) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW KW m ³ /h Pa | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 3,71 1 13500 250 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 250 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 25000 250 250 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 250 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate | (1) (1) (1) (1) (2) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW M ³ /h Pa | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 3,71 1 13500 250 1 12500 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 1 15500 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 20500 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 250 2 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 25000 250 250 2 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 2 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 2 2 20500 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total asensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP | (1) (1) (1) (1) (2) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 3,71 1 13500 250 1 13500 250 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 115500 250 1 15500 250 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 2 20500 250 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 250 250 250 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 25000 250 250 25000 250 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 28000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 2 50 2 50 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP BEERICERANT CIRCUIT | (1) (1) (1) (2) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 109 70,6 30,1 3,62 102 27,4 3,71 102 27,4 3,71 1 13500 250 1 13500 250 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 1 15500 250 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 250 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 2 22500 250 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 25000 250 2 2 25000 250 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 28000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 250 250 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGERANT CIRCUIT No. compressors / No. circuits | (1) (1) (1) (2) (2) (2) (2) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 109 70,6 30,1 3,62 27,4 3,71 102 27,4 3,71 1 13500 250 1 13500 250 2/2 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 1 15500 250 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 250 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 250 250 250 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 25000 250 250 250 250 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 28000 250 2 2 28000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 2 2 30500 250 2 2 2 30500 250 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total asensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGERANT CIRCUIT No. compressors / No. circuits Befrigerant charge | (1) (1) (1) (1) (2) (2) (2) (2) (2) (3) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa | 0264 400/3/50 109 70,6 30,1 3,62 27,4 3,71 102 27,4 3,71 1 13500 250 1 13500 250 250 2/2 17,6 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 1 15500 250 2 50 2 2 2 2 2 2 2 2 2 2 2 2 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 250 2 2 18000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 250 250 250 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 250 250 2 2 22500 250 250 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 25000 250 250 250 250 250 250 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 2 8000 250 2 2 28000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 2 2 30500 250 2 2 30500 250 2 50 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Ouantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL | (1) (1) (1) (2) (2) (2) (2) (3) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg | 0264 400/3/50 109 70,6 30,1 3,62 27,4 3,71 102 27,4 3,71 113500 250 1 13500 250 250 2/2 17,6 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 1 15500 250 2 50 2 2 2 2 2 2 2 2 2 2 2 4 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 250 2 2 18000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 250 250 250 220 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 250 2 2 22500 250 2 2 2 22500 250 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 250 250 250 250 250 250 250 250 250 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 200 250 2 28000 250 2 2 28000 250 2 2 2 8000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 2 2 30500 250 2 2 30500 250 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total asensible capacity Total asensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total heating capacity Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY | (1) (1) (1) (1) (2) (2) (2) (2) (2) (3) (3) (3) (3) (3) (3) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) | 0264 400/3/50 109 70,6 30,1 3,62 27,4 3,71 102 27,4 3,71 113500 250 1 13500 250 250 2/2 17,6 83 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 2 1 15500 250 2 50 2 2 2 4 84 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 250 2 2 18000 250 2 2 2 4 8000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 2 20500 250 2 2 20500 250 2 2 2 2 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 250 250 250 250 250 250 25 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 250 250 250 250 250 250 250 250 250 2 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 200 250 2 28000 250 2 2 28000 250 2 2 2 8000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 2 2 30500 250 2 2 30500 250 2 50 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Ouantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY | | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) | 0264 400/3/50 109 70,6 30,1 3,62 27,4 3,71 102 27,4 3,71 102 27,4 3,71 113500 250 250 2 1 13500 250 2 2 / 2 17,6 83 83 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 2 1 15500 250 2 50 2 2 2 4 84 84 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 250 2 2 18000 250 2 2 4 8000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 2 2 20500 250 2 2 2 20500 250 2 2 2 2 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 250 2 2 22500 250 2 2 2 22500 250 2 50 2 2 2 2 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 250 250 250 250 250 250 2 2 25000 250 25 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 2 28000 250 2 2 28000 250 2 2 2 28000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 2 2 30500 250 2 2 30500 250 2 50 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Ouantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE | (1) (1) (1) (1) (2) (2) (2) (2) (2) (3) (3) (3) (3) (3) (3) (3) (4) (4) (4) | V/ph/Hz KW KW KW KW KW m ³ /h Pa m ³ /h Pa kg dB(A) dB(A) | 0264 400/3/50 109 70,6 30,1 3,62 27,4 3,71 102 27,4 3,71 102 27,4 3,71 102 27,4 3,71 113500 250 250 2 2 / 2 17,6 83 83 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 250 250 2,7 2 2,4 84 84 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 250 2 2 18000 250 2 2 4 8000 250 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 250 2 2 20500 250 2 2 2 2 | 0444 400/3/50 178 163 46,7 3,81 163 44,8 3,65 2 22500 250 250 250 250 250 250 250 25 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 250 250 250 250 250 250 2 2 25000 250 25 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 2 28000 250 2 2 28000 250 2 2 2 28000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 2 2 30500 250 2 50 2 2 30500 250 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP RETRIN FAN Quantity Air flow rate Nominal AESP SUPPL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Length | (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (4) (4) (4) | V/ph/Hz KW KW KW KW KW M ³ /h Pa m ³ /h Pa kg dB(A) dB(A) dB(A) | 0264 400/3/50 109 70.6 30.1 3.62 27.4 3.71 102 27.4 3.71 113500 250 1 13500 250 2/2 17.6 83 83 83 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 115500 250 250 2 1 15500 250 2 50 2 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 18000 250 2 2 18000 250 2 2 4,6 86 86 86 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 250 250 250 250 250 250 | 0444 400/3/50 178 163 46,7 3,81 163 44,8 3,65 2 22500 250 250 250 250 250 250 250 25 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 250 250 250 250 250 250 250 250 250 2 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 2 28000 250 2 2 28000 250 2 2 2 28000 250 2 2 2 2 8000 250 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 2 30500 250 2 2 30500 250 2 50 2 50 2 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Ouantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - COOLING ONLY Unit sound power level - HEATING ONLY SIZE Length Width | (1) (1) (1) (1) (2) (2) (2) (2) (2) (3) (3) (3) (3) (4) (4) (4) (7) | V/ph/Hz KW KW KW KW KW KW KW KW KW KW | 0264 400/3/50 109 70,6 30,1 3,62 27,4 3,71 102 27,4 3,71 113500 250 1 13500 250 2 / 2 17,6 83 83 83 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 115500 250 250 250 250 250 2/2 24 84 84 84 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 2 18000 250 2 2 2 18000 250 2 2 4 8 6 8 6 8 6 8 6 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 250 250 250 2 2 20500 250 25 | 0444 400/3/50 178 163 46,7 3,81 163 44,8 3,65 2 22500 250 250 250 250 2 2 22500 250 2 2 2 2 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 250 250 250 250 250 250 250 250 250 2 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 2 28000 250 2 2 28000 250 2 2 2 28000 250 2 2 2 2 8 0 0 2 5 0 2 2 2 8 0 0 2 5 0 2 5 0 2 2 2 8 0 0 2 50 2 5 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 30500 250 2 2 30500 250 2 50 2 50 2 5 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total absorbed power EER (total) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP RETIRN FAN Quantity Air flow rate Nominal AESP SUPPL EIN No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - HEATING ONLY Unit sound power level - HEATING ONLY Kirth Height | (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (4) (4) (4) (7) | V/ph/Hz KW KW KW KW KW M ³ /h Pa m ³ /h Pa M ³ /h Pa M ³ /h Pa | 0264 400/3/50 109 70.6 30.1 3.62 27.4 3.71 102 27.4 3.71 113500 250 1 13500 250 2/2 17.6 83 83 83 83 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 115500 250 250 250 250 250 2 2 2 2 4 84 84 84 84 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 3,7 2 18000 250 2 2 18000 250 2 2 18000 250 2 2 4 8 6 8 6 8 6 8 6 8 6 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 250 250 250 250 250 250 | 0444 400/3/50 178 163 46,7 3,81 163 44,8 3,65 2 22500 250 250 250 250 250 250 250 25 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 2 5000 250 2 2 2 5000 250 2 50 2 50 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 2 28000 250 2 2 28000 250 2 2 2 8000 250 2 9 2 9 2 92 92 92 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 2 30500 250 2 2 30500 250 2 50 2 2 30500 250 2 50 2 |
| WSM2 HR-E Power supply COOLING ONLY WSM2/WSM2-T (GROSS VALUE) Total cooling capacity Total sensible capacity Total sensible capacity Total absorbed power EER (tota) HEATING WSM2 (GROSS VALUE) Total absorbed power COP SUPPLY FAN Quantity Air flow rate Nominal AESP RETURN FAN Quantity Air flow rate Nominal AESP REFRIGERANT CIRCUIT No. compressors / No. circuits Refrigerant charge NOISE LEVEL Unit sound power level - HEATING ONLY Unit sound power level - HEATING ONLY Kitth Height Operating weight | (1) (1) (1) (2) (2) (2) (2) (3) (3) (3) (3) (4) (4) (7) (5) | V/ph/Hz KW KW KW KW KW M ³ /h Pa m ³ /h Pa M ³ /h Pa M ³ /h Pa | 0264 400/3/50 70,6 30,1 3,62 7,4 3,71 102 27,4 3,71 13500 250 1 13500 250 2/2 17,6 83 83 83 83 83 | 0304 400/3/50 120 77,7 32,3 3,72 114 29,5 3,85 2 15500 250 2 1 15500 250 2 1 15500 250 2 2 4 8 4 84 84 84 84 84 | 0354 400/3/50 140 91,6 38,5 3,64 129 34,9 34,9 3,7 2 18000 250 2 18000 250 2 2 18000 250 2 2 4,6 8 6 86 86 86 86 | 0404 400/3/50 162 106,0 44,6 3,63 150 40,5 3,71 2 20500 250 250 250 250 250 2 2 20500 250 25 | 0444 400/3/50 178 116 46,7 3,81 163 44,8 3,65 2 22500 250 250 250 250 250 250 250 25 | 0484 400/3/50 194 125 50,8 3,82 176 50 3,51 2 2 25000 250 250 250 250 250 250 250 2 | 0524 400/3/50 214 137 56,8 3,77 200 56 3,56 2 28000 250 2 2 28000 250 2 2 2 8000 250 2 5 4 4 4 92 92 92 92 | 0604 400/3/50 241 159 69,2 3,48 228 64,2 3,54 2 2 30500 250 2 2 30500 250 2 50 2 2 30500 250 2 50 2 |

Notes:

 Notes.

 1 ▶ Cooling: Outdoor 35°C 50% R.H. / Indoor 27°C 47% R.H. / Mix 30%.

 2 ▶ Heating: Outdoor 7°C 87% R.H. / Indoor 20°C 50% R.H. / Mix 30%.

SESP for standard configuration (optional accessories not included/calculated).
Sound power on the basis of measurements made in compliance with ISO 9614. For complete sound

data consult Elca World. 5 • The weight shown refers to the unit in the heat pump version, including any batteries and accessory

filters. Any additional modules are not considered. 7 • The dimension does not include hoods and the thickness of the pre-filter for fresh air if present. 8 • The refrigerant charge is the result of a theoretical calculation and could be different from the actual amount of refrigerant which is charged in the unit and on the label

The units highlighted in this publication contain HFC R410A [GWP $_{\rm 100}$ 2088] fluorinated greenhouse gases.

"BY FAR THE BEST PROOF IS EXPERIENCE"

Sir Francis Bacon British Philosopher (1561 - 1626)

Ryanair Offices BERGAMO – ITALY

Application: Office Buildings Plant type: Hydronic System, HPAC System Cooling Capacity: 347 kW Heating Capacity: 81 kW Installed machines: 1x AXO 60+ BRE 044M, 1x AXU 29+ BRE 0768, 1x NX 0614+ WSM 0262

Decathlon Benevento BENEVENTO – ITALY

Application: Retail Plant type: Air to Air System Cooling Capacity: 520 kW Heating Capacity: 525 kW Air flow: 84000 Installed machines: 1x WSM2/HR-B 0264, 1x WSM2/HR-B 0404, 1x WSM/HR-B A1004

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Bridgeman Baptist Church BRIDGEMAN DOWNS - AUSTRALIA

Application: Institutions Plant type: Air to Air System Cooling Capacity: 519 kW Heating Capacity: 527 kW Air flow: 87500 Installed machines: 1x WSM/MF A092, 4x WSM2/MF 0404

BARBERINI SPA

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2018 Pescara - Italy

Application: Industrial Process

Cooling capacity: 2700 kW

Plant type: Hydronic System Heating capacity: 1166 kW

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Installed units: 2x FOCS-N-Y/D/LN-CA/S 4822, 2x FOCS-Y/D/CA/S 6603, 1x NX-Y/K/S 0714P

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PROJECT

A world leader in the production of glass lenses for sunglasses, Barberini Spa has opened a new production plant in Città Sant'Angelo (PE). Between this and the other Italian plant in Silvi (TE) the company employs 450 people and ended 2017 with a turnover of about 80 million euros and 10 million pairs of lenses produced.

CHALLENGE

The building has a total surface area of 25,000 m² and is highly sustainable. Its structure is in laminated wood and the use of cement is reduced to the minimum necessary. The large windows allow a considerable contribution of natural light and the mechanical and electrical systems are highly efficient and do not produce CO2 emissions.

SOLUTION

The HVAC system is based on a plant room composed of two heat pumps with partial heat recovery FOCS-N / D / LN-CA / S 4822, two chillers with partial heat recovery FOCS / D / CA / S 6603 and one air condensed chiller NX / K / S 0714P, all with Climaveneta brand.

MITSUBISHI ELECTRIC HYDRONICS & IT COOLING SYSTEMS S.p.A.

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