

VED Air handling terminal with cooling capacities from 8 to 18 kW For ducted systems



AERMEC participates in the EUROVENT programme for: FCP
Check ongoing validity of certificate online: www.eurovent-certification.com

Variable MultiFlow

VMF



- **HORIZONTAL AND VERTICAL INSTALLATION**
- **VERSIONS FOR 2/4 PIPE SYSTEMS**
- **HEAT EXCHANGER ONLY WITH 1 OR 2 ROWS**
- **WIDE RANGE OF USEFUL STATIC PRESSURE**
- **5 SPEED VENTILATION UNIT**
- **INSPECTIONABLE FAN UNIT**
- **CLASS G3 AIR FILTER**
- **COIL REVERSIBILITY**

Choosing the unit

By appropriately combining the options available, it is possible to select the model that satisfies the specific system requirements.

Fields configurator:

| 1 2 3 Code | 4 Size | 5 Main coil n°. rows | 6 Heating only coil n°. rows |
|--------------------------|--------------------|---------------------------------|---|
| 1 2 3 VED | 4 5 | 5 3 | 6 2 |

(VED532 = unit size 5, with Main Coil 3 Rows and Heating Coil 2 Rows)

Features

- Air handling terminal for ducted systems
- EUROVENT FCP Certification Program
- Horizontal and vertical installation
- Indoor installation
- Available in 4 sizes and 4 configurations
- Versions for 2 pipe systems with 3 or 4 row coil
- Versions for systems with 4 pipes with main coil with 3 or 4 rows and heating only coil with 1 or 2 rows
- Reversibility of the hydraulic connection in the installation phase
- Low pressure drop in the heat exchange coils
- 3-way valves accessories
- 2-way valves accessories for systems with variable water flow rate
- 5 speed fan unit (3 selectable)
- Wide range of useful static pressure
- Centrifugal fans in antistatic plastic. Due to their features, they allow to reduce the energy consumption with respect to normal fans
- Fans with wing-shaped profile studied to obtain high flow rate and static pressure performance and low noise emission at the same time
- Compatible with the VMF system
- Wide range of controls
- Wide range of accessories to satisfy all system requirements
- Rectangular flow flange already integrated into the framework
- Class G3 air filter with easy extraction and cleaning
- Internal insulation in Class 1 fire resistance
- IP20 protection rating
- Plastic augers, extractable for easy and efficient cleaning
- Easy installation and maintenance
- Full respect of the accident-prevention standards

Accessories

Control panel

A range of dedicated controllers, wall-mounted or on the machine, is available but it is essential to choose between these panels for simple and complete tuning, for more details please refer to the dedicated sheet.

Probes and accessory for control panels

- **SW3:** water temperature probe allowing automatic season change on electronic controllers supplied with water-side change over
- **SWA:** external probe accessory (length = 6m). The probe detects the temperature of the ambient air if connected to the connector (A) on panel FMT21; the ambient air temperature probe incorporated in the panel is automatically deactivated. Detects the temperature of the water in the system, for ventilation consent, if connected to the connector (W) of the FMT21 panel. Two SWA probes can be simultaneously connected to the panel FMT21.
- **SIT 3 - 5:** Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat).
SIT3: commands the 3 fan speeds and must be installed on each fan coil within the network; receives the commands from the selector or the SIT5 card.
SIT5: commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

VMF system

- **VMF-E0:** Thermostat accessory to be mounted on the side of the fancoil, equipped with air and water sensors as standard; controls 2 pipe, 4 pipe. Equipped with external contact to be used as low voltage remote ON-OFF. This thermostat can create a single fancoil zone through 2-wire serial communication (1

master + maximum 5 slaves). The thermostat is fuse protected.

- **VMF-E4:** Wall mounted user interface allowing control via a capacitive touch keyboard.
- **VMF-E5:** Wall recessed panel allowing control of a complete hydronic system via a capacitive touch keyboard.
- **VMF-E1:** Thermostat for serial communication.
- **VMF-SW:** Water sensor replacing that supplied with VMF-E1 thermostats for installation upstream of the valve.
- **VMF-SW1:** Additional water sensor for 4-pipe systems with E1 thermostats offering maximum control in the cooling range.
- **VMF-SIT 3 :** Thermostat Interface Board
VMF. Mandatory accessory on the VED unit supplied with VMF-E0 / E1 thermostat.

Valve kit

- **VCF4_C: Kit made up from motorised 3-way valves** with isolating shell, fittings and isolated copper pipes. For main coils. 230V~50Hz power supply
- **VCF4_H: Kit made up from motorised 3-way valves,** fittings and isolated copper pipes. For heating only coils. 230V~50 Hz power supply
- **VCF25C: Kit made up from motorised 2-way valves,** with fittings and isolated copper pipes. For main coils. 230V~50 Hz power supply
- **VCF25H: Kit made up from motorised 2-way valves,** with fittings and copper pipes. For heating only coils. 230V~50 Hz power supply
- **VJP/VJP_M: Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components.** The valve, which can guarantee a constant water flow rate in the terminal, within its operating range, is available with 230V and 24V~50Hz power supply.

The VJP is controlled by on-off logic with compatible control panels (accessories)

The VJP_M is controlled by modulating logic with panels not supplied by Aermec

The design water flow rate is crucial to refine the selection of the valve shown in the compatibility table.

- **VCT 2-way or 3-way valve** The VCT valves do not have fittings and pipes for water connections.

These are 2-way and 3-way ball valves made of bronze, with female/female connections that can be servo-activated via servo commands. These can be commanded via control panels (accessories) which are enabled for the valve control function. Consult the control panel characteristics before selecting a panel.

Ducting Accessories:

- **MZC:** Plenum with motor-driven dampers
- **RDA_V:** Straight intake connection with rectangular flange.
- **RDAC_V:** Straight intake connection with circular flanges.
- **RPA_V:** Intake plenum with rectangular flange.
- **RDMC_V:** Straight discharge with circular flanges. Internally insulated.
- **PA_V:** Intake plenum with circular flanges. Flanges in plastic material.
- **RPM_V:** Discharge plenum with rectangular flange. Internally insulated.
- **PM_V:** Discharge plenum with circular flanges. Internally insulated. Flanges in plastic material.
- **KFV:** Circular flanges kit for intake/discharge plenum.

For more details on the control panels and VMF system refer to the dedicated sheet

| VED | 430 | 432 | 440 | 441 | 530 | 532 | 540 | 541 | 630 | 632 | 640 | 641 | 730 | 732 | 740 | 741 |
|--|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Probes and accessories for control panels | | | | | | | | | | | | | | | | |
| PXAE | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| WMT05 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| WMT06 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| WMT10 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| SW3 | In combination with PXAE or PXAR | | | | | | | | | | | | | | | |
| SIT3 (1) | In combination with PXAE or WMT05-06-10 | | | | | | | | | | | | | | | |
| SIT5 (2) | In combination with PXAE | | | | | | | | | | | | | | | |
| VMF System | | | | | | | | | | | | | | | | |
| VMF-E0 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VMF-E1 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VMF-E4 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VMF-E5 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VMF-SW | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VMF-SW1 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VMF-SIT3 (3) | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Water valves | | | | | | | | | | | | | | | | |
| 3 way valve kit | | | | | | | | | | | | | | | | |
| VCF45C | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VCF47C | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 3 way valve kit for heating coil only | | | | | | | | | | | | | | | | |
| VCF45H | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VCF47H | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 2 way valve kit | | | | | | | | | | | | | | | | |
| VCF25C | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 2 way valve kit for heating coil only | | | | | | | | | | | | | | | | |
| VCF25H | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Combined adjustment and balancing valve independent of pressure | | | | | | | | | | | | | | | | |
| VJP150/150M (4)(5) | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VJP270M (4)(5) | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Kit valvola a due o tre vie | | | | | | | | | | | | | | | | |
| VCT (2 way) (5) | VCT102 | VCT102 | VCT102 | VCT102 | VCT102 | VCT102 | VCT102 | VCT102 | VCT202 | VCT202 | VCT202 | VCT202 | VCT202 | VCT202 | VCT202 | VCT202 |
| VCT (3 way) (5) | VCT103 | VCT103 | VCT103 | VCT103 | VCT103 | VCT103 | VCT103 | VCT103 | VCT203 | VCT203 | VCT203 | VCT203 | VCT202 | VCT202 | VCT403 | VCT403 |
| Plenum for duct installation | | | | | | | | | | | | | | | | |
| MZC5040 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| MZC7050 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RDA 450 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RDA 670 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RPA 450 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RPA 670 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| PA 450 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| PA 670 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RPM 450 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| RPM 670 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| PM 450 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| PM 670 V | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| KFV | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

(1) SIT3 Mandatory accessory on the VED units coupled to thermostats different to the VMF System

(2) SIT5 Allows to realise a network of VED units (max 3) controlled by a centralised PXAE panel

(3) VMF-SIT3 Mandatory accessory for coupling with VMF-E0 or VMF-E1

(4) VJP150M-VJP270M are 24Volt

(5) **The compatibility of the valves in the hot side of the system 4 tubes, check with the scope of the project water**

Technical data

| VED | | 430 | | | 440 | | | 530 | | | 540 | | | 630 | | | 640 | | | 730 | | | 740 | | | |
|-----------------------------------|-----|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Fan speed | | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | H | M | L | |
| Heating Performance | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 pipe configuration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heating capacity (70°C) | (1) | kW | 15,97 | 13,85 | 10,47 | 18,11 | 15,36 | 11,45 | 17,57 | 16,47 | 13,80 | 19,91 | 18,59 | 15,38 | 27,02 | 22,67 | 18,63 | 32,69 | 27,74 | 22,45 | 29,00 | 25,36 | 21,18 | 31,71 | 27,65 | 22,88 |
| Water flow rate | (1) | l/h | 1401 | 1214 | 918 | 1588 | 1347 | 1004 | 1541 | 1444 | 1210 | 1746 | 1630 | 1349 | 2369 | 1988 | 1634 | 2867 | 2433 | 1969 | 2543 | 2224 | 1857 | 2781 | 2425 | 2007 |
| Pressure drops | (1) | kPa | 19 | 14 | 9 | 24 | 18 | 11 | 21 | 18 | 13 | 29 | 25 | 18 | 58 | 43 | 30 | 38 | 29 | 19 | 67 | 55 | 38 | 46 | 36 | 26 |
| Heating capacity (45°C) | (2) | kW | 7,95 | 6,89 | 5,21 | 9,01 | 7,64 | 5,69 | 8,74 | 8,19 | 6,87 | 9,90 | 9,25 | 7,65 | 13,44 | 11,28 | 9,27 | 16,26 | 13,80 | 11,17 | 14,43 | 12,62 | 10,54 | 15,77 | 13,76 | 11,38 |
| Water flow rate | (2) | l/h | 1379 | 1195 | 904 | 1563 | 1326 | 988 | 1517 | 1421 | 1191 | 1719 | 1604 | 1327 | 2332 | 1957 | 1608 | 2822 | 2395 | 1938 | 2503 | 2190 | 1828 | 2737 | 2387 | 1975 |
| Pressure drops | (2) | kPa | 18 | 14 | 9 | 23 | 17 | 11 | 20 | 17 | 13 | 28 | 24 | 17 | 56 | 42 | 29 | 37 | 28 | 18 | 65 | 53 | 37 | 45 | 35 | 25 |
| Cooling Performance | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total cooling capacity | (3) | kW | 6,95 | 6,15 | 4,68 | 8,01 | 7,06 | 5,34 | 7,76 | 7,39 | 6,16 | 8,97 | 8,54 | 7,43 | 12,53 | 10,70 | 8,89 | 15,07 | 12,76 | 10,43 | 13,85 | 12,20 | 10,40 | 16,08 | 14,23 | 11,96 |
| Sensible cooling capacity | (3) | kW | 5,36 | 4,71 | 3,54 | 5,73 | 5,04 | 3,78 | 6,02 | 5,71 | 4,72 | 6,45 | 6,13 | 5,04 | 10,30 | 8,75 | 7,22 | 10,58 | 8,91 | 7,24 | 11,44 | 9,99 | 8,48 | 11,32 | 9,97 | 8,34 |
| Water flow rate | (3) | l/h | 1195 | 1058 | 805 | 1378 | 1214 | 918 | 1335 | 1271 | 1060 | 1543 | 1469 | 1278 | 2155 | 1840 | 1529 | 2592 | 2195 | 1794 | 2382 | 2098 | 1789 | 2766 | 2448 | 2057 |
| Pressure drops | (3) | kPa | 17 | 13 | 8 | 22 | 17 | 10 | 21 | 19 | 12 | 28 | 25 | 19 | 48 | 36 | 26 | 41 | 30 | 21 | 58 | 46 | 35 | 45 | 37 | 27 |
| Water content | | l | 2,82 | | | 3,76 | | | 2,82 | | | 3,76 | | | 4,38 | | | 5,84 | | | 4,38 | | | 5,84 | | |
| Fans | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fan - Centrifugal | | n° | 2 | | | 2 | | | 2 | | | 2 | | | 3 | | | 3 | | | 3 | | | 3 | | |
| Air flow rate | | m³/h | 1350 | 1130 | 790 | 1340 | 1100 | 780 | 1520 | 1400 | 1120 | 1500 | 1380 | 1100 | 2210 | 1800 | 1380 | 2180 | 1770 | 1370 | 2410 | 2040 | 1640 | 2350 | 2000 | 1600 |
| High static pressure | | Pa | 72 | 50 | 24 | 70 | 50 | 24 | 58 | 50 | 32 | 56 | 50 | 32 | 75 | 50 | 30 | 75 | 50 | 30 | 69 | 50 | 32 | 69 | 50 | 32 |
| Sound data | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sound power level (inle+radiator) | (5) | dB(A) | 61 | 57 | 51 | 61 | 57 | 51 | 62 | 59 | 53 | 62 | 59 | 53 | 68 | 64 | 59 | 68 | 64 | 62 | 68 | 66 | 62 | 68 | 66 | 62 |
| Sound power level (outlet) | | dB(A) | 57 | 53 | 47 | 57 | 53 | 47 | 58 | 55 | 49 | 58 | 55 | 49 | 64 | 60 | 55 | 64 | 60 | 57 | 64 | 62 | 58 | 64 | 62 | 58 |
| Diameter connections | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Standard coil | | Ø | 3/4" | | | 3/4" | | | 3/4" | | | 3/4" | | | 3/4" | | | 3/4" | | | 3/4" | | | 3/4" | | |
| Additional coil | | Ø | / | | | / | | | / | | | / | | | / | | | / | | | / | | | / | | |
| Electrical Features | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Absorbed power | | W | 228 | 175 | 137 | 222 | 178 | 135 | 270 | 232 | 175 | 267 | 230 | 172 | 339 | 268 | 224 | 340 | 260 | 220 | 371 | 285 | 234 | 371 | 285 | 234 |
| Max. input current | | A | 1,4 | | | 1,4 | | | 1,4 | | | 1,4 | | | 2,1 | | | 2,1 | | | 2,1 | | | 2,1 | | |
| Electrical wiring | | | V5 | V3 | V1 | V5 | V3 | V1 | V5 | V3 | V2 | V5 | V4 | V2 | V5 | V3 | V1 | V5 | V3 | V1 | V5 | V3 | V1 | V5 | V3 | V1 |
| Power supply | | V/ph/Hz | | | | | | | | | | | | | 230V~50Hz | | | | | | | | | | | |

| VED | | 441 | | | 541 | | | 641 | | | 741 | | | | | | | | | | | | |
|-----------------------------------|-----|---------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-----------|--|--|--|--|--|--|--|--|
| Fan speed | | H | M | L | H | M | L | H | M | L | H | M | L | | | | | | | | | | |
| Heating Performance | | | | | | | | | | | | | | | | | | | | | | | |
| 4 pipe configuration | | | | | | | | | | | | | | | | | | | | | | | |
| Heating capacity (65°C) | (4) | kW | 7,29 | 6,68 | 5,53 | 7,91 | 7,61 | 6,68 | 12,28 | 11,05 | 9,62 | 12,96 | 11,88 | 10,57 | | | | | | | | | |
| Water flow rate | (4) | l/h | 638 | 585 | 484 | 692 | 666 | 584 | 1075 | 967 | 842 | 1133 | 1040 | 925 | | | | | | | | | |
| Pressure drops | (4) | kPa | 23 | 19 | 14 | 26 | 24 | 19 | 23 | 19 | 15 | 25 | 21 | 17 | | | | | | | | | |
| Cooling Performance | | | | | | | | | | | | | | | | | | | | | | | |
| Total cooling capacity | (3) | kW | 8,01 | 7,06 | 5,35 | 8,97 | 8,54 | 7,43 | 15,07 | 12,76 | 10,43 | 16,08 | 14,23 | 11,96 | | | | | | | | | |
| Sensible cooling capacity | (3) | kW | 5,73 | 5,04 | 3,78 | 6,45 | 6,13 | 5,04 | 10,58 | 8,91 | 7,24 | 11,32 | 9,97 | 8,34 | | | | | | | | | |
| Water flow rate | (3) | l/h | 1378 | 1214 | 918 | 1543 | 1469 | 1278 | 2592 | 2195 | 1794 | 2766 | 2448 | 2057 | | | | | | | | | |
| Pressure drops | (3) | kPa | 22 | 18 | 11 | 28 | 25 | 19 | 41 | 30 | 21 | 45 | 37 | 27 | | | | | | | | | |
| Water content std. coil | | l | 3,76 | | | 3,76 | | | 5,84 | | | 5,84 | | | | | | | | | | | |
| Water content additional coil | | l | 0,94 | | | 0,94 | | | 1,46 | | | 1,46 | | | | | | | | | | | |
| Fan | | | | | | | | | | | | | | | | | | | | | | | |
| Fan - Centrifugal | | n° | 2 | | | 2 | | | 3 | | | 3 | | | | | | | | | | | |
| Air flow rate | | m³/h | 1250 | 1060 | 750 | 1460 | 1360 | 1060 | 2110 | 1730 | 1340 | 2350 | 2000 | 1600 | | | | | | | | | |
| High static pressure | | Pa | 70 | 50 | 25 | 56 | 50 | 32 | 75 | 50 | 30 | 69 | 50 | 32 | | | | | | | | | |
| Sound data | | | | | | | | | | | | | | | | | | | | | | | |
| Sound power level (inle+radiator) | (5) | dB(A) | 61 | 57 | 51 | 62 | 59 | 53 | 68 | 64 | 62 | 68 | 66 | 62 | | | | | | | | | |
| Sound power level (outlet) | | dB(A) | 57 | 53 | 47 | 58 | 55 | 49 | 64 | 60 | 57 | 64 | 62 | 58 | | | | | | | | | |
| Diameter connections | | | | | | | | | | | | | | | | | | | | | | | |
| Standard coil | | Ø | 3/4" | | | 3/4" | | | 3/4" | | | 3/4" | | | | | | | | | | | |
| Additional coil | | Ø | 1/2" | | | 1/2" | | | 1/2" | | | 1/2" | | | | | | | | | | | |
| Electrical Features | | | | | | | | | | | | | | | | | | | | | | | |
| Absorbed power | | W | 215 | 175 | 130 | 266 | 229 | 170 | 340 | 264 | 223 | 372 | 288 | 227 | | | | | | | | | |
| Max. input current | | A | 1,4 | | | 1,4 | | | 2,1 | | | 2,1 | | | | | | | | | | | |
| Electrical wiring | | | V5 | V3 | V1 | V5 | V4 | V2 | V5 | V3 | V1 | V5 | V3 | V1 | | | | | | | | | |
| Power supply | | V/ph/Hz | | | | | | | | | | | | | 230V~50Hz | | | | | | | | |

| VED | | from VED430 to VED741 | | | | | | | | | | | |
|-----------------|--|-----------------------|--|----|--|--|----|--|--|----|--|----|--|
| Speed - fan | | V5 | | V4 | | | V3 | | | V2 | | V1 | |
| motor connected | | L1 | | L2 | | | L3 | | | L4 | | L5 | |

Note: The speed of associates may differ from the standard factory configuration. for more information refer to the program selection and the technical documentation available on the website www.aermec.com

H max. speed; M med.speed; L min.speed

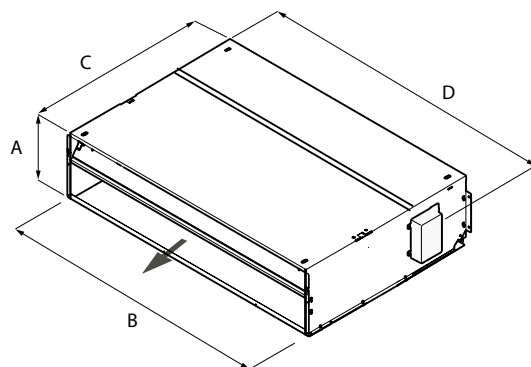
(1) Room air 20°C b.s.; Water (in/out) 70°C/60°C;

(2) Room air 20°C b.s.; Water (in/out) 45°C/40°C (EUROVENT)

(3) Room air 27°C b.s./19°C b.u.; Water (in/out) 7°C/12°C (EUROVENT)

(4) Room air 20°C b.s.; Water (in/out) 65°C/55°C (EUROVENT)

(5) Sound power level on the basis of measurements made in compliance with Eurovent 8/2



| VED | | 430 | 432 | 440 | 441 | 530 | 532 | 540 | 541 | 630 | 632 | 640 | 641 | 730 | 732 | 740 | 741 |
|--------|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| A | mm | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 351 | 351 | 351 | 351 | 351 | 351 | 351 | 351 |
| B | mm | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 | 1133 | 1533 | 1533 | 1533 | 1533 | 1533 | 1533 | 1533 | 1533 |
| C | mm | 737 | 737 | 737 | 737 | 737 | 737 | 737 | 737 | 789 | 789 | 789 | 789 | 789 | 789 | 789 | 789 |
| D | mm | 1158 | 1158 | 1158 | 1158 | 1158 | 1158 | 1158 | 1158 | 1558 | 1558 | 1558 | 1558 | 1558 | 1558 | 1558 | 1558 |
| Weight | Kg | 41 | 46 | 43 | 46 | 42 | 47 | 47 | 47 | 57 | 57 | 60 | 60 | 58 | 64 | 61 | 64 |