



Uni-block system for low and medium temperature refrigeration

LMSLN-AV3 / LMSLN-AW1
LMSMD-AV3 / LMSMD-AW1



Reciprocating
compressor

For wall mounted installation in small and
medium sized cold rooms

- › Rapid mounting on the wall of the cold room
- › Metallic grey coloured finish of the outdoor unit
- › White coloured evaporator
- › Low sound levels
- › Microchannel condenser depending on model
- › New generation control panel

LMSLN-AV3 / LMSLN-AW1

LMSMD-AV3 / LMSMD-AW1



| Low Temperature Refrigeration | | | LMSLN | 100AV3 | 120AV3 | 170AV3 | 172AV3 | 200AV3 | 250AW1 | 300AW1 | 400AW1 | |
|-------------------------------|-------------------------|--------------------|------------------------|------------------------|----------|-------------|-------------|------------|---------------|-----------------|---------------|--|
| Refrigerating capacity | Low temperature R-452A | Nom | kW | 0.579 | 0.807 | 0.922 | 1.193 | 1.526 | 1.928 | 2.090 | 2.250 | |
| Recommended Cold Room Volume | Low temperature V 100 | | m ³ | 2.2 | 3.9 | 4.9 | 7.6 | 11.4 | 15 | 18.1 | 21 | |
| Power input | Max. | | W | 910.00 | 1,300.00 | 2,000.00 | 2,080.00 | 2.54 | 2,410 | 3.20 | 3,050 | |
| Dimensions | Unit | HeightxWidthxDepth | mm | 930x925x530 | | | 930x925x865 | | 860x760x1,070 | 1,030x1,150x840 | 860x760x1,070 | |
| Weight | Unit | | kg | 60.0 | 61.0 | | 78.0 | 80 | 112 | 114 | 115 | |
| Compressor | Type | | | Hermetic Reciprocating | | | | | | | | |
| | Piston displacement | | m ³ /h | 3.03 | 4.54 | 5.99 | | 8.3 | 11.8 | 12.9 | 16.7 | |
| Defrost | | | | Hot gas | | | | | | | | |
| Evaporator | Air flow | | m ³ /h | 530 | | | | 1,050 | | 1,370 | | |
| | Air throw | | m | 5 | | | | | | 8 | | |
| Refrigerant | Type/GWP | | | R-452A/2,141 | | | | | | | | |
| | Charge | | kg/TCO ₂ Eq | 0.600/1.285 | | 0.890/1.905 | | 0.900/1.93 | 1.75/3.75 | 1.750/3.75 | 1.65/3.53 | |
| Power supply | Phase/Frequency/Voltage | | Hz/V | 1~/50/230 | | | | 3N~/50/400 | | | | |

When normally running: -22°C / +32°C

Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Contains fluorinated greenhouse gases

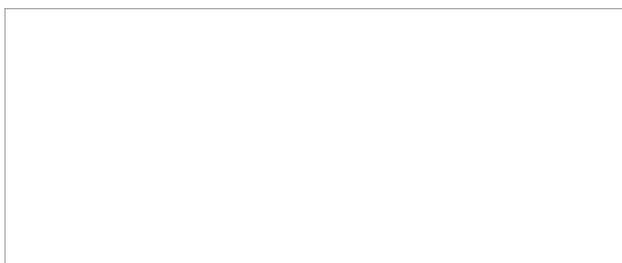
| Medium Temperature Refrigeration | | | LMSMD | 030AV3 | 050AV3 | 060AV3 | 075AV3 | 100AV3 | 102AV3 | 122AV3 | 120AW1 | 130AW1 | 150AW1 | 200AW1 |
|----------------------------------|---------------------------|--------------------|------------------------|------------------------|--------|-------------|--------|-------------|-------------|--------|-----------|-----------------|-----------|--------|
| Refrigerating capacity | Medium temperature R-134a | Nom | kW | 0.838 | 0.952 | 1.112 | 1.388 | 1.491 | 1.768 | 1.920 | 1.992 | 2.275 | 3.129 | 3.430 |
| Recommended Cold Room Volume | Medium temperature V 100 | | m ³ | 5.7 | 6.8 | 8.6 | 11.8 | 13.0 | 16.5 | 18.5 | | 22.7 | 35.7 | 40.3 |
| Power input | Max. | | W | 970 | 1,220 | 1,430 | 1,690 | 1,780 | 1,890 | 2,330 | 2,420 | 2,790 | 3,070 | 3,380 |
| Dimensions | Unit | HeightxWidthxDepth | mm | 930x925x530 | | 930x925x530 | | | 930x925x865 | | | 1,030x1,150x840 | | |
| Weight | Unit | | kg | 48 | 49 | 49 | 54 | 55 | 73 | | 75 | 91 | 93 | |
| Compressor | Type | | | Hermetic Reciprocating | | | | | | | | | | |
| | Piston displacement | | m ³ /h | 2.53 | 3.8 | 4.52 | 5.69 | 6.00 | | 8.36 | 9.37 | 10.52 | 11.81 | |
| Defrost | | | | Hot gas | | | | | | | | | | |
| Evaporator | Air flow | | m ³ /h | 530 | | | | 1,050 | | | | 1,370 | | |
| | Air throw | | m | 5 | | | | | | | | 8 | | |
| Refrigerant | Type/GWP | | | R-134a/1,430 | | | | | | | | | | |
| | Charge | | kg/TCO ₂ Eq | 0.680/0.972 | | 0.650/0.930 | | 0.850/1.216 | 0.780/1.115 | | 0.8/1.115 | | 1.6/2.288 | |
| Power supply | Phase/Frequency/Voltage | | Hz/V | 1~/50/230 | | | | | | | | 3~/50/400 | | |

When normally running: 0°C / +32°C

Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.

Contains fluorinated greenhouse gases

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