

| SARDIS TECHNICAL DATA SHEET | | | | | | | | | |
|---|----------------------------|------|----------------|--------|-----------|--------|--------|--------|--------|
| Climate Class 3: 25 °C - %60 RH (EN ISO 23953-1 / EN ISO 23953-2) | | | | | | | | | |
| Characteristics | Unit | | | | | | | | |
| Length | | (mm) | ik/dk90 | 937 | 1250 | 1875 | 2500 | 3125 | 3750 |
| Thickness of Side Walls | | | 2 x 40 | | | | | | |
| Height | AO | | 1252/1052/820 | | | | | | |
| Depth | Sardis 2 | | 1222 / 2010 | | | | | | |
| Refrigeration Data | | | | | | | | | |
| Refrigeration Duty | 3M1(AO) | (kW) | 1,54 | 0,656 | 0,875 | 1,312 | 1,75 | 2,187 | 2,625 |
| | 3M2(AO) | | 1,023 | 0,436 | 0,581 | 0,871 | 1,16 | 1,453 | 1,743 |
| Refrigerant | R404 | | | | | | | | |
| Exp. Valve Orifice No.(Danfoss) | AO (* interior balance)3M1 | | 1* | 0* | 0* | 1* | 1 | 2 | 3 |
| Exp. Valve Orifice No.(Danfoss) | AO (* interior balance)3M2 | | 1* | X* | 0* | 0* | 1* | 1* | 1* |
| Danfoss AKV | | | 10-1 | 10-1 | 10-1 | 10-2 | 10-2 | 10-2 | 10-3 |
| Evaporation Temperature | 3M1/3M2 | | -10°C / -7°C | | | | | | |
| Inlet Ref. Pipe Diameter | | | 1/4 " | | | | | | |
| Outlet Ref. Pipe Diameter | | | 1/2 " | | | | | | |
| Electrical Components | | | | | | | | | |
| Diameter / incl. Blade | Axial Fan (mm) | | 120 x 120 x 38 | | | | | | |
| Evaporator Fan Motors | (3M1) n x W | | 3 x 24 | 2 x24 | 2 x 24 | 3 x 24 | 4 x 24 | 5x 24 | 6 x 24 |
| Evaporator Fan Motors | (3M2) n x W | | 3 x 24 | 2 x24 | 2 x 24 | 3 x 24 | 3 x 24 | 4x 24 | 4x 24 |
| Diameter / incl. Blade | Axial Fan (mm) | | 80 x 80 x 25 | | | | | | |
| Anti-Condensation Fan | Fans x W | | 2/3 x 12 | 1 x 12 | 2 x 12 | 3x 12 | 3 x 12 | 4 x 12 | 4 x 12 |
| Diameter / incl. Blade | Axial Fan (mm) | | * | | | | | | |
| Condenser Fan Motors | Fans x W | | * | * | * | * | * | * | * |
| Heaters | Defrost Heater | (W) | 250 | 200 | 350 | 500 | 700 | 850 | 1050 |
| | Condensate Heater | | * | | | | | | |
| | Trim Heater | | 35 | 26 | 35 | 52.5 | 70 | 94 | 105 |
| Lighting for AO | Canopy Lighting LED | (W) | 18 | 13 | 18 | 26 | 36 | 39 | 54 |
| | Shelf Lighting LED | | N / A | | | | | | |
| | | | N / A | | | | | | |
| | | | N / A | | | | | | |
| Voltage | (V) | | 220 - 240 | | | | | | |
| Frequency | (Hz) | | 50 | | | | | | |
| Setting Parameters | | | | | | | | | |
| Parameter Definition | Display on LED | | Sardis M1 | | Sardis M2 | | | | |
| SET POINT | | | | | | | | | |
| Temperature Set Point | SEt | | -2°C | | +2°C | | | | |
| CONTROLLER PARAMETERS | | | | | | | | | |
| Control Differential | rd | | +2°C | | +2°C | | | | |
| Set Point Maximum | r2 | | +7°C | | +7°C | | | | |
| Set Point Minimum | r1 | | -3°C | | +2°C | | | | |
| DEFROST PARAMETERS | | | | | | | | | |
| Time Between Defrosts | dl | | 4 hrs | | 6 hrs | | | | |
| Max. Defrost Duration | dp | | 45 min | | 45 min | | | | |
| End of Defrost Temp. | dt | | +12°C | | +12°C | | | | |
| ALARM PARAMETERS | | | | | | | | | |
| High Temperature Alarm | AH | | +25°C | | +25°C | | | | |
| Low Temperature Alarm | AL | | -5°C | | -5 °C | | | | |
| FAN PARAMETER | | | | | | | | | |
| Fans off During Defost | F3 | | 0 | | 0 | | | | |