

DRYTEC AMERICA

Technical Data Sheet
SDM-240-06112024

TECHNICAL SPECS DATA SHEET

| | |
|---------------------------|---------|
| Drytec America Model Name | SDM-240 |
|---------------------------|---------|

GENERAL DATA

| | |
|-----------------------|----------------------------|
| Purge Source | Dry Air |
| Purge Rate Adjustment | Fixed by an Orifice |
| Type Of Desiccant | Activated Alumina |
| Size Of Desiccant | 3mm (1/8") |
| Body Material | Aluminium |
| Paint External | Electrostatic Powder Paint |
| Control Type | Crouzet |
| Purge Valve | Piston Valve |
| Remote Access | Available |

REFERENCE DATA

| | |
|---|--------------------------|
| **Designed Dew Point (°C / °F) | -40° / -40° |
| Max Ambient Temp (°C / °F) | 50° / 122° |
| Min Ambient Temp (°C / °F) | 1.6° / 34° |
| Max Inlet Temp (°C / °F) | 50° / 122° |
| Max Rated Air Flow at 35°C (95°F) Inlet, 7 barg (100 psig) And 25°C (77°F) Ambient. (Nm ³ /h) | 400 (inlet to the dryer) |
| Min Working Pressure (barg / psig) | 4.5 / 65 |
| Max Working Pressure (barg / psig) | 16 / 232 |
| Relief Valve Setting (barg / psig) | 16 / 232 |

PERFORMANCE DATA

| | |
|--------------------------------|-------------|
| Pressure Drop (mbar / psi) | ≤130 / 1.9 |
| Avg Purge Rate (at -40 °C tdp) | 15% |
| Cycle Time (For Two Towers) | 300 Seconds |
| Regeneration Time (Per Tower) | 120 Seconds |
| Cooling Time | N/A |
| Repressurization Time | 30 Seconds |
| Dew Point Demand Control | Optional |

ELECTRICAL DATA

| | |
|-----------------------|----------------------------|
| Standard Voltage | 110-230V / 1 Ph / 50-60 Hz |
| Full Load (Amps) | 1.6 Amper |
| Min. Circuit Ampacity | 1.6 Amper |
| Input Power (kW) | <0.1 |
| Unit Average (kW) | <0.1 |

DIMENSIONAL DATA

| | |
|-------------------------|-------------|
| Length (inch) | 35 |
| Width (inch) | 16.25 |
| Height (inch) | 59.1 |
| Weight (lbs) | 521 |
| Inlet-Outlet Connection | 1-1/2" |
| Filters Included | X, Y, and P |

DRYTEC AMERICA

Taking Air Treatment to New Heights

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