

DRYTEC AMERICA

Technical Data Sheet
SDM-5-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-5
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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)	10 (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)	13.25
Width (inch)	12.6
Height (inch)	25
Weight (lbs)	37.5
Inlet-Outlet Connection	1/2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-10-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-10
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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)	20 (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)	13.25
Width (inch)	12.6
Height (inch)	35.75
Weight (lbs)	50.7
Inlet-Outlet Connection	1/2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-15-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-15
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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)	25 (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)	13.8
Width (inch)	13.6
Height (inch)	31.8
Weight (lbs)	66.1
Inlet-Outlet Connection	1/2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-20-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-20
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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)	35 (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)	13.8
Width (inch)	14.6
Height (inch)	43.6
Weight (lbs)	88.2
Inlet-Outlet Connection	1/2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-25-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-25
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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)	45 (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)	13.8
Width (inch)	14.6
Height (inch)	49.6
Weight (lbs)	101.5
Inlet-Outlet Connection	1/2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-30-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-30
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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)	50 (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)	13.8
Width (inch)	14.6
Height (inch)	59.4
Weight (lbs)	112.5
Inlet-Outlet Connection	1/2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-40-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-40
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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)	70 (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)	19.5
Width (inch)	16.25
Height (inch)	49.5
Weight (lbs)	156.5
Inlet-Outlet Connection	1/2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-50-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-50
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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)	85 (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)	19.5
Width (inch)	16.25
Height (inch)	55.25
Weight (lbs)	172
Inlet-Outlet Connection	1/2"
Filters Included	X, Y, and P

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DRYTEC AMERICA

Technical Data Sheet
SDM-60-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-60
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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)	100 (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)	19.5
Width (inch)	16.25
Height (inch)	68.9
Weight (lbs)	203
Inlet-Outlet Connection	1/2"
Filters Included	X, Y, and P

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DRYTEC AMERICA

Technical Data Sheet
SDM-75-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-75
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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)	130 (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)	24.5
Width (inch)	16.25
Height (inch)	51.185
Weight (lbs)	258
Inlet-Outlet Connection	1"
Filters Included	X, Y, and P

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DRYTEC AMERICA

Technical Data Sheet
SDM-100-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-100
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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)	170 (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)	24.5
Width (inch)	16.25
Height (inch)	57.185
Weight (lbs)	287
Inlet-Outlet Connection	1"
Filters Included	X, Y, and P

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DRYTEC AMERICA

Technical Data Sheet
SDM-120-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-120
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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)	200 (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)	24.5
Width (inch)	16.25
Height (inch)	69
Weight (lbs)	335.2
Inlet-Outlet Connection	1"
Filters Included	X, Y, and P

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Taking Air Treatment to New Heights

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DRYTEC AMERICA

Technical Data Sheet
SDM-180-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-180
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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)	300 (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)	29.7
Width (inch)	16.25
Height (inch)	59.1
Weight (lbs)	408
Inlet-Outlet Connection	1-1/2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-240-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-240
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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

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Technical Data Sheet
SDM-340-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-340
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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)	575 (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)	440 Seconds
Regeneration Time (Per Tower)	180 Seconds
Cooling Time	N/A
Repressurization Time	40 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)	39.2
Width (inch)	15.75
Height (inch)	65.18
Weight (lbs)	-
Inlet-Outlet Connection	2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-400-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-400
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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)	680 (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)	440 Seconds
Regeneration Time (Per Tower)	180 Seconds
Cooling Time	N/A
Repressurization Time	40 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)	52.6
Width (inch)	15.75
Height (inch)	61.19
Weight (lbs)	-
Inlet-Outlet Connection	2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-500-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-500
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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)	850 (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)	480 Seconds
Regeneration Time (Per Tower)	180 Seconds
Cooling Time	N/A
Repressurization Time	60 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)	59.2
Width (inch)	15.75
Height (inch)	65.19
Weight (lbs)	-
Inlet-Outlet Connection	2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-590-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-590
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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)	1000 (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)	480 Seconds
Regeneration Time (Per Tower)	180 Seconds
Cooling Time	N/A
Repressurization Time	60 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)	65.9
Width (inch)	15.75
Height (inch)	69.19
Weight (lbs)	-
Inlet-Outlet Connection	2"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-735-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-735
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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)	1250 (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)	600 Seconds
Regeneration Time (Per Tower)	240 Seconds
Cooling Time	N/A
Repressurization Time	60 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)	65.9
Width (inch)	15.75
Height (inch)	80.8
Weight (lbs)	-
Inlet-Outlet Connection	3"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-890-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-890
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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)	1500 (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)	600 Seconds
Regeneration Time (Per Tower)	240 Seconds
Cooling Time	N/A
Repressurization Time	60 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)	72.63
Width (inch)	15.75
Height (inch)	80.8
Weight (lbs)	-
Inlet-Outlet Connection	3"
Filters Included	X, Y, and P

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Technical Data Sheet
SDM-1060-06112024

TECHNICAL SPECS DATA SHEET

Drytec America Model Name	SDM-1060
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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)	1800 (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)	600 Seconds
Regeneration Time (Per Tower)	240 Seconds
Cooling Time	N/A
Repressurization Time	60 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)	79.32
Width (inch)	15.75
Height (inch)	80.8
Weight (lbs)	-
Inlet-Outlet Connection	3"
Filters Included	X, Y, and P

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