

DESICCANT DRYAIR 300 VRF



> Lower footprint/weight per m³/hr

> A unique triple point control on all machines over 1500 m³/hr, measuring the regeneration temperature onto the wheel, the wheel off temperature (wet air) and the RH or Dew point of the air being dried. This combination ensures the amount of energy input is relevant to the moisture being extracted. This can be applied to 500 m³/hr units as option extra.

> Numerous options available, pre-heaters and coolers, post heaters and coolers, humidifiers and many other variations as special machines.

> Filters up to F7 as standard with HEPPA & ULPA available.

> Highly efficient Silica Gel Rotor for efficiency & durability, high moisture removal efficiency with the lowest energy costs.

> Various regeneration options available on units above 1500 m³/hr. All options are fully modulating.

APPLICATIONS

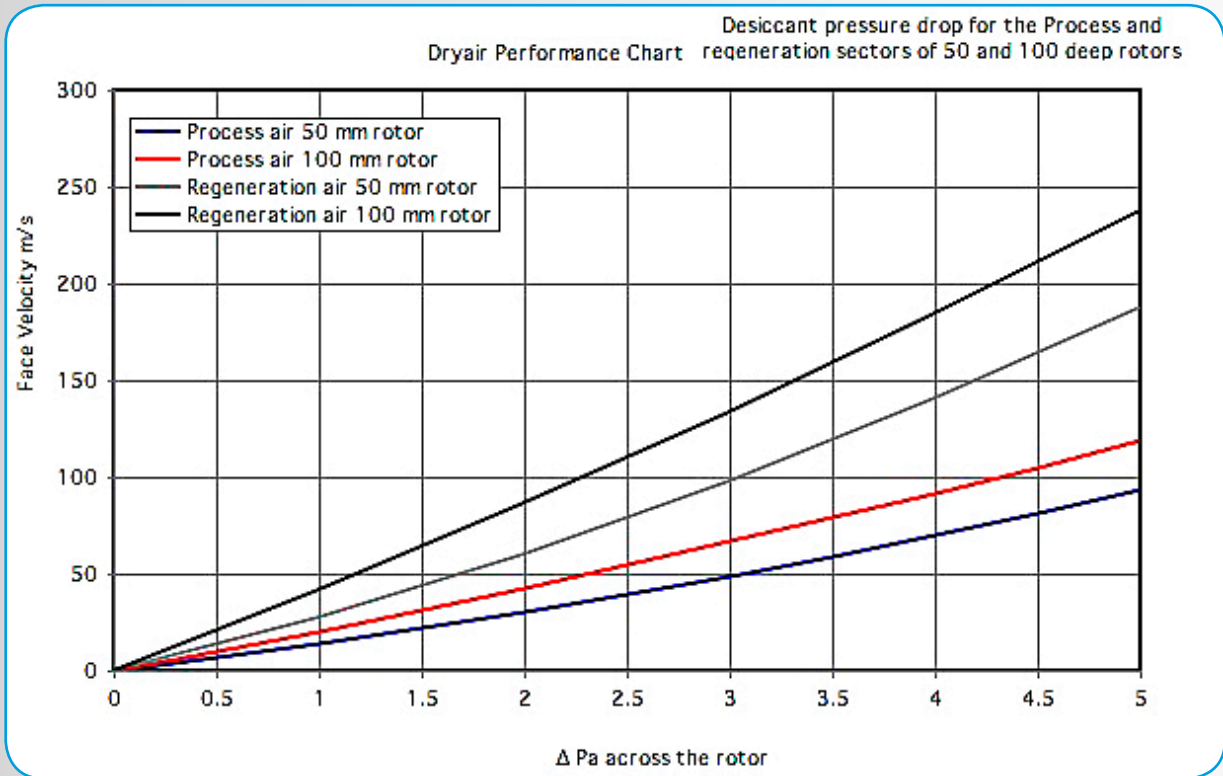
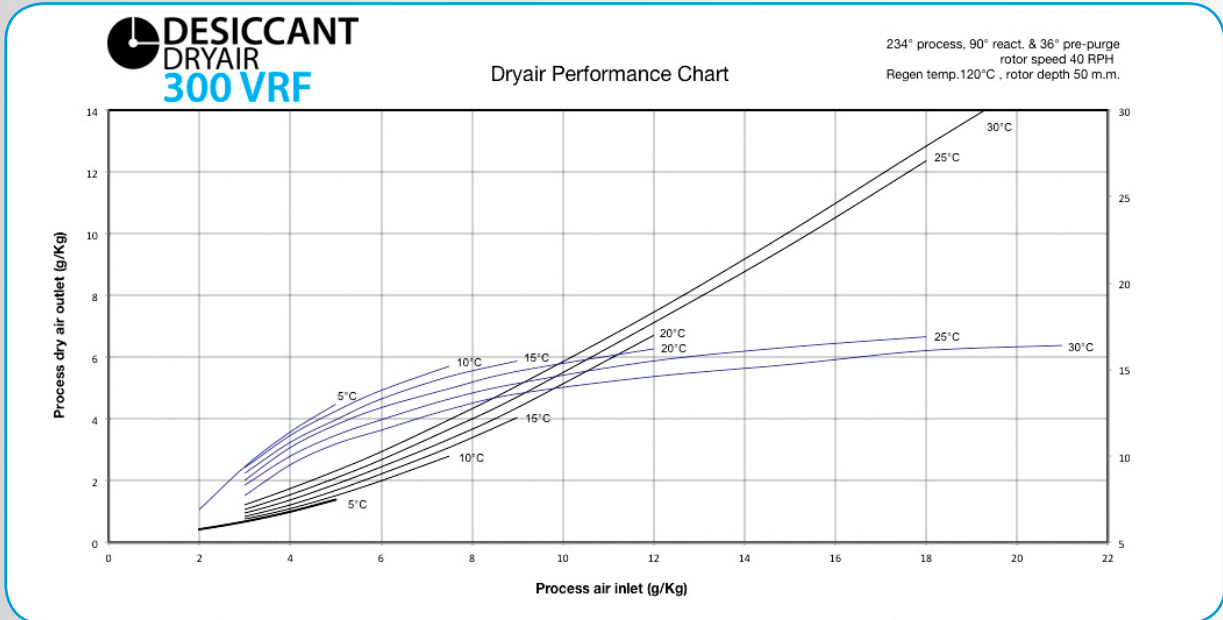
✓ DRYING ✓ SILOS ✓ MILITARY STORAGE ✓ ARCHIVE STORAGE ✓ FREEZER STORAGE

SPECIFICATIONS

Process Airflow Nominal	300	m ³ / hr
Process Pre filter	1 x 200 x 200	No / Size / Grade
High Perf Silica Gel Rotor	300 x 50	mm
Desiccant Wheel Rotation Speed	30	RPH
Process Fan Model	DDAS-AA140	
Motor Power	0.176	kW
Moisture Removal		
20°C @ 40% RH	1.278	kg / hr
20°C @ 60% RH	1.6668	kg / hr
25°C @ 60% RH	1.7568	kg / hr
30°C @ 80% RH	1.9692	kg / hr
Total Pressure / External Pressure	245 / 160	Pa
Regeneration Airflow Nominal	109	m ³ / hr
Regeneration Filter	1 x 140 x 200	No / Size / Grade
Heater Option	Electric PTC	Electric PTC
Heater Power (on startup)	4	kW
Heater Power (after initial start)	2.4	kW
Fan Model	DDAS-AA120	
Motor Power	0.058	kW
Total Pressure / External Pressure	250 / 175	Pa
Electrical Supply	1p/N/E	1p/N/E
Voltage	230	V / Ac
Electrical Input Power (on start up)	4.234	kW
ΔPa Process / Regeneration / Pre-purge	34 / 45 / 26	Pa
Dimensions	350 x 450 x 430	L x W x H mm
Process Inlet	300 x 160	mm
Process Outlet	125	mm
Regeneration Inlet	100	mm
Regeneration Outlet	100	mm
Weight	25	kg

* pressure readings at dirty filter condition

PERFORMANCE TECHNICAL DRAWINGS AVAILABLE UPON REQUEST



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