

DESICCANT DRYAIR 75 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

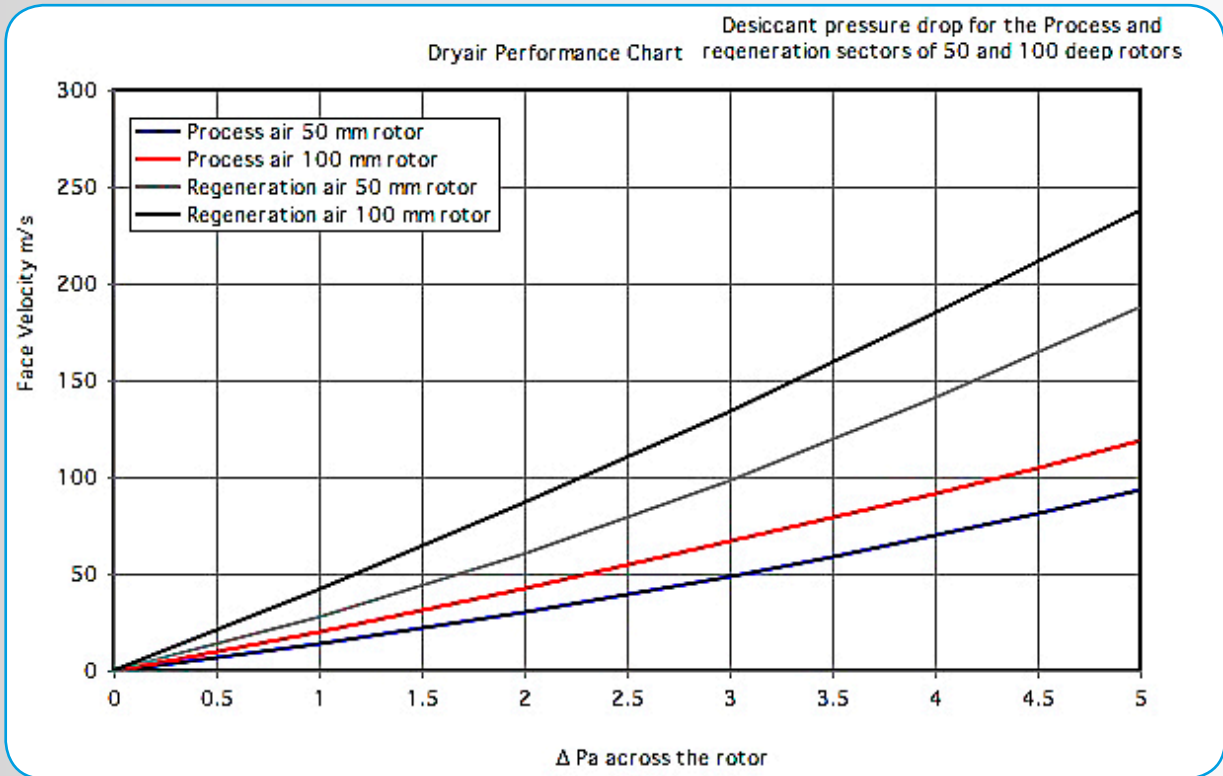
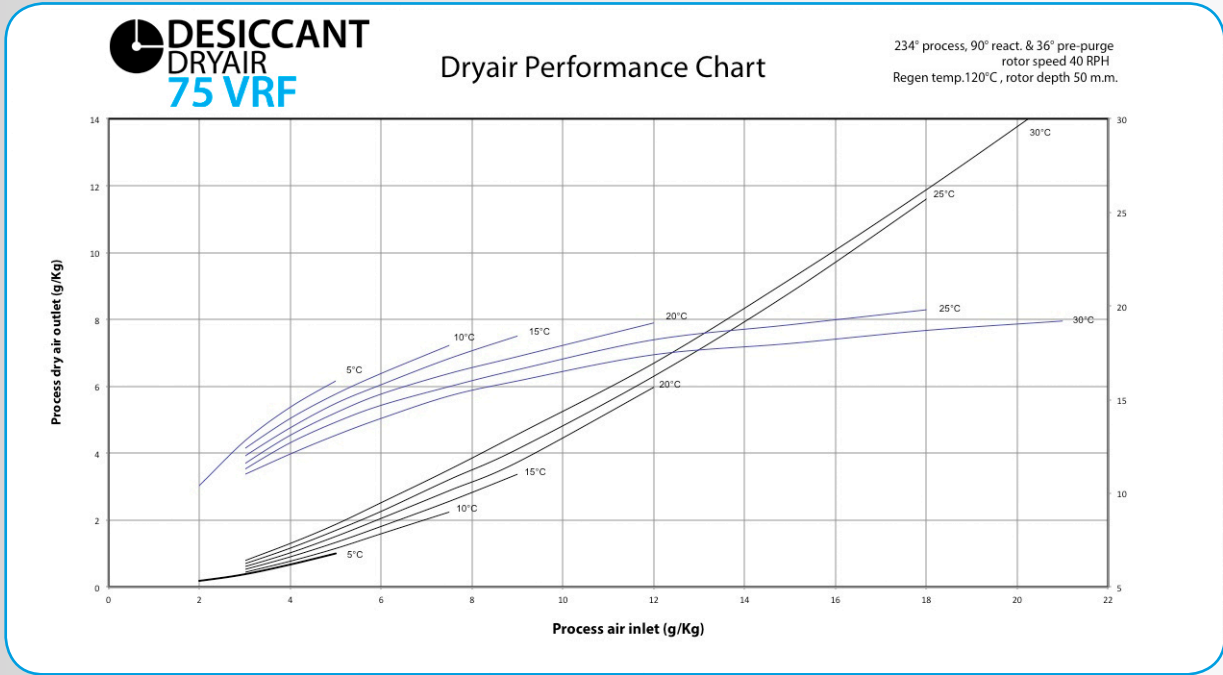
✓ DRYING ✓ SILOS ✓ MILITARY STORAGE ✓ ARCHIVE STORAGE ✓ FREEZER STORAGE

SPECIFICATIONS

Process Airflow Nominal	75	m ³ / hr
Process Pre filter	1 x 160 x 175 Synthetic media	No / Size / Grade
High Perf Silica Gel Rotor	220 x 50	mm
Desiccant Wheel Rotation Speed	40	RPH
Process Fan Model	DDAS-AA108	
Motor Power	0.04	kW
Moisture Removal		
20°C @ 40% RH	0.3555	kg / hr
20°C @ 60% RH	0.4743	kg / hr
25°C @ 60% RH	0.513	kg / hr
30°C @ 80% RH	0.5652	kg / hr
Total Pressure / External Pressure	180 / 140	Pa
Regeneration Airflow Nominal	27.225	m ³ / hr
Regeneration Filter	1 x 115 x 175 Synthetic media	No / Size / Grade
Heater Option	Electric PTC	Electric PTC
Heater Power (on startup)	0.99825	kW
Heater Power (after initial start)	0.59895	kW
Fan Model	DDAS-AA108	
Motor Power	0.04	kW
Total Pressure / External Pressure	200 / 140	Pa
Electrical Supply	1p/N/E	1p/N/E
Voltage	230	V / Ac
Electrical Input Power (on start up)	6.5	kW
ΔPa Process / Regeneration / Pre-purge	14 / 20 / 16	Pa
Dimensions	350 x 310 x 320	L x W x H mm
Process Inlet	70	mm
Process Outlet	50	mm
Regeneration Inlet	50	mm
Regeneration Outlet	50	mm
Weight	19	kg

* pressure readings at dirty filter condition

PERFORMANCE TECHNICAL DRAWINGS AVAILABLE UPON REQUEST



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