

DESICCANT DRYAIR 400 VRF



*This model is recommended for drying purposes only

> 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

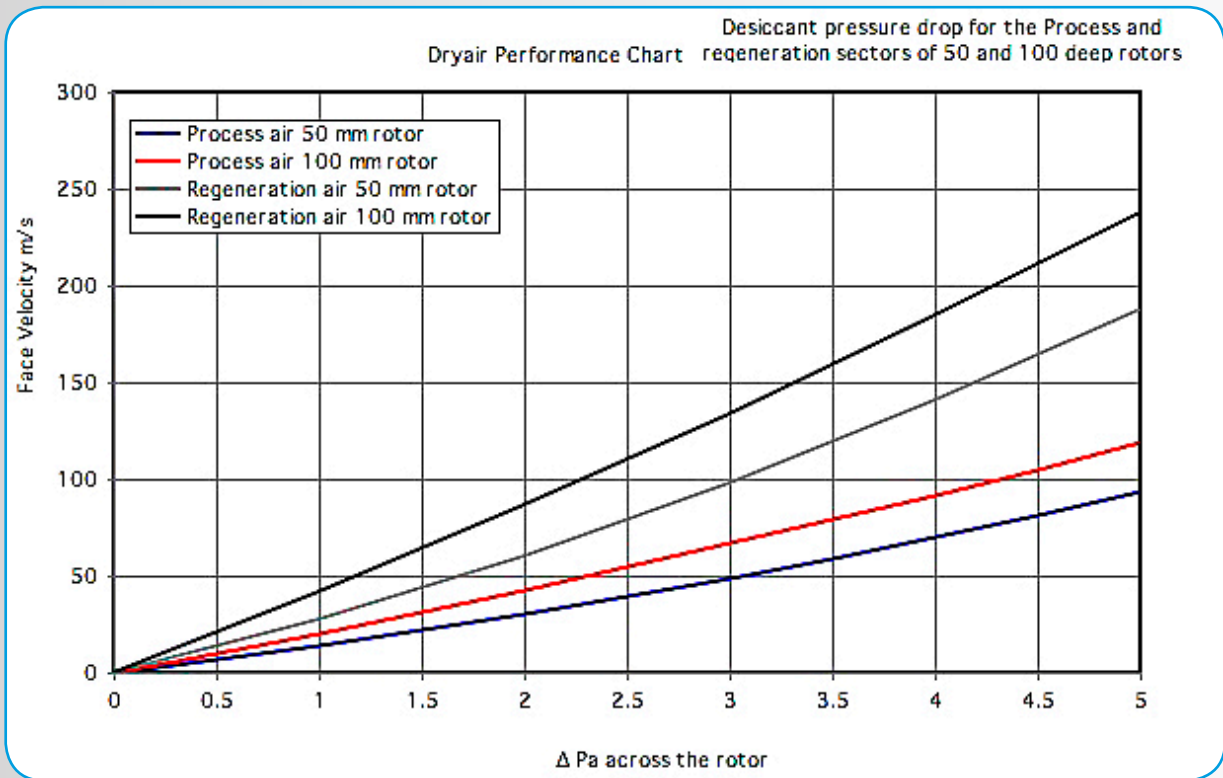
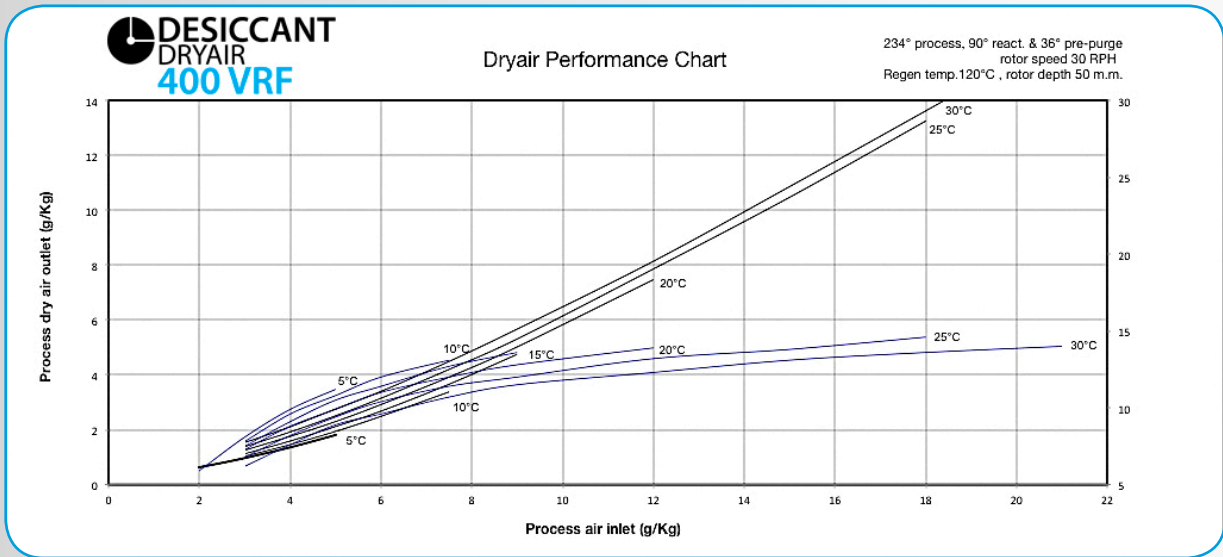
✓ DRYING ✓ SILOS ✓ MILITARY STORAGE ✓ ARCHIVE STORAGE ✓ FREEZER STORAGE

SPECIFICATIONS

Process Airflow Nominal	400	m ³ / hr
Process Pre filter	1 x 240 x 230	No / Size / Grade
High Perf Silica Gel Rotor	300 x 50	mm
Desiccant Wheel Rotation Speed	30	RPH
Process Fan Model	DDAS-AA160	
Motor Power	0.244	kW
Moisture Removal		
20°C @ 40% RH	1.4784	kg / hr
20°C @ 60% RH	1.9104	kg / hr
25°C @ 60% RH	1.9872	kg / hr
30°C @ 80% RH	2.1984	kg / hr
Total Pressure / External Pressure	420 / 320	Pa
Regeneration Airflow Nominal	145	m ³ / hr
Regeneration Filter	1 x 180 x 230	No / Size / Grade
Heater Option	Electric PTC	Electric PTC
Heater Power (on startup)	5.3	kW
Heater Power (after initial start)	3.2	kW
Fan Model	DDAS-AA120	
Motor Power	0.058	kW
Total Pressure / External Pressure	285 / 185	Pa
Electrical Supply	3p/N/E 50 / 60 Hz	1p/N/E
Voltage	380 / 415	V / Ac
Electrical Input Power (on start up)	5.602	kW
ΔPa Process / Regeneration / Pre-purge	48 / 61 / 38	Pa
Dimensions	350 x 450 x 430	L x W x H mm
Process Inlet	350 x 160	mm
Process Outlet	150	mm
Regeneration Inlet	125	mm
Regeneration Outlet	125	mm
Weight	25	kg

* pressure readings at dirty filter condition

PERFORMANCE TECHNICAL DRAWINGS AVAILABLE UPON REQUEST



PERFORMANCE TECHNICAL DRAWINGS AVAILABLE UPON REQUEST

