DESICCANT DRYAIR 750 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

→ SILOS	→ FOOD INDUSTRIES	→ PHARMACEUTICAL
→ TIMBER DRYING	→ MILITARY STORAGE	→ PACKAGING
→ ARCHIVE STORAGE	→ FREEZER STORAGE	→ POWDER MANUFACTURE

DESICCANT DRYAIR 750 VRF

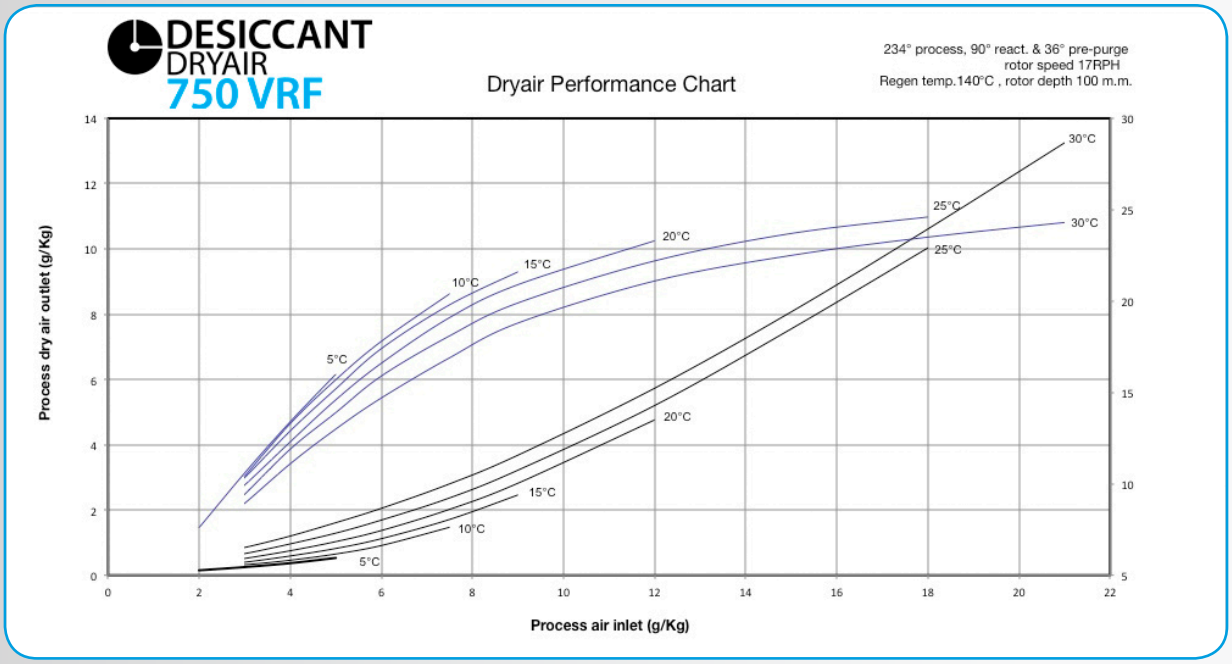
SPECIFICATIONS

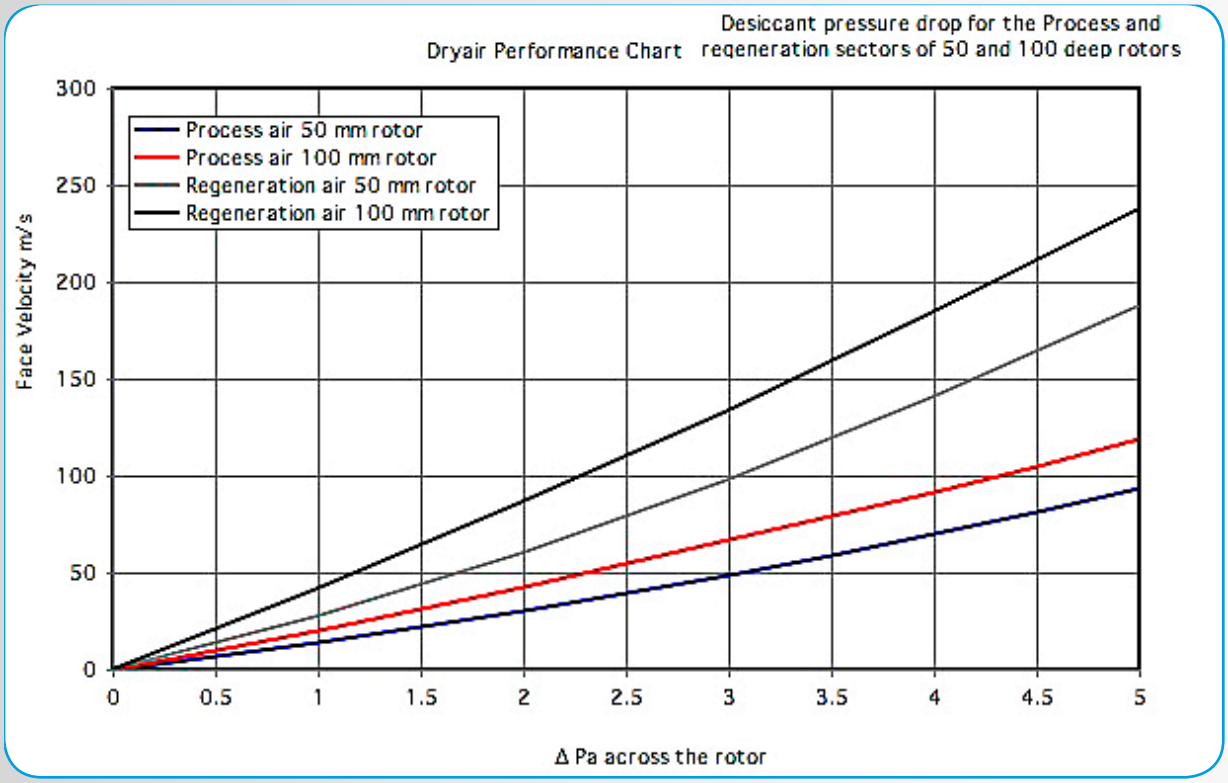
Process Airflow Nominal	750	m³ / hr
Process Pre filter	1 x 400 x 300 pleated panel G4	No / Size / Grade
High Perf Silica Gel Rotor	450 x 100	mm
Desiccant Wheel Rotation Speed	17	RPH
Process Fan Model	DD SRER-11-0225	
Motor Power	0.37	kW
Moisture Removal		
20°C @ 40% RH	4.167	kg / hr
20°C @ 60% RH	5.562	kg / hr
25°C @ 60% RH	6.12	kg / hr
30°C @ 80% RH	6.975	kg / hr
Total Pressure / External Pressure	631 / 421	Pa
Regeneration Airflow Nominal	272	m³ / hr
Regeneration Filter	1 x 400 x 300 pleated panel G4	No / Size / Grade
Heater Option	Electric Thyristor control	Electric PTC
Heater Power (on startup)	11.3	kW
Heater Power (after initial start)	6.8	kW
Heater option	Electric | Gas | Steam	***
Fan Model	DDAS-AA160	
Motor Power	0.176	kW
Total Pressure / External Pressure	490 / 176	Pa
Electrical Supply	3p/N/E 50 / 60 Hz	1p/N/E
Voltage	380 | 415	V / Ac
Electrical Input Power (on start up)	11.846	kW
Amps per phase	18.02 | 16.5 | --------	A/Phase **
ΔPa Process / Regeneration / Pre-purge	79 / 105 / 62	Pa
Dimensions	900 x 640 x 710	L x W x H mm
Process Inlet	175	mm
Proces Outlet	175	mm
Regeneration Inlet	150	mm
Regeneration Outlet	150	mm
Weight	129	kg

* pressure readings at dirty filter condition

DESICCANT DRYAIR 750 VRF

PERFORMANCE TECHNICAL DRAWINGS AVAILABLE UPON REQUEST

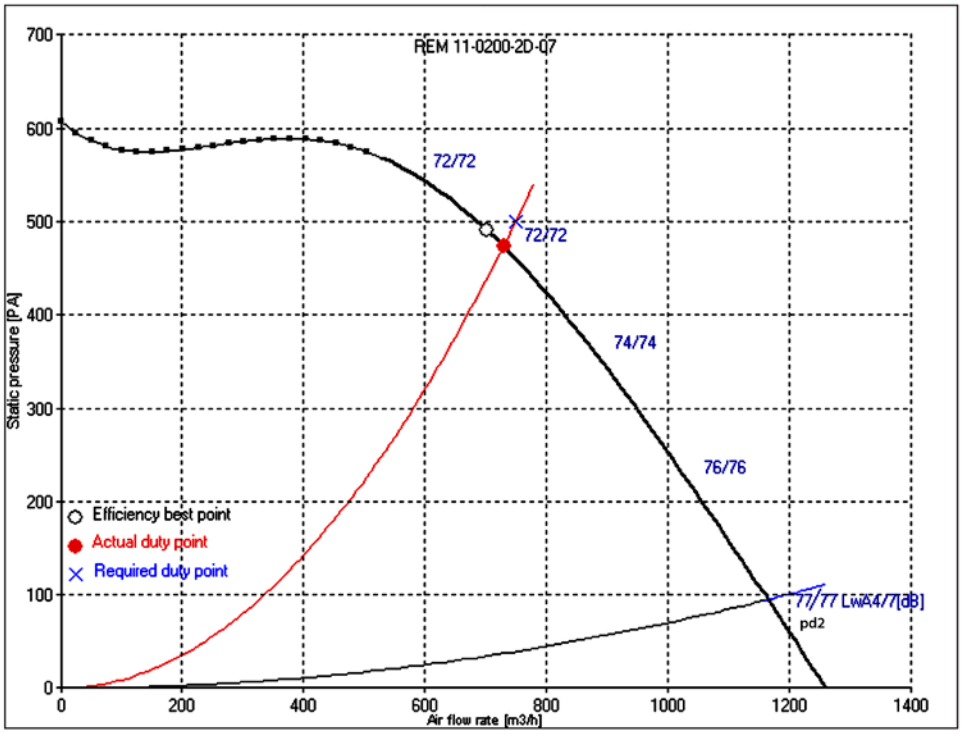




DESICCANT DRYAIR 750 VRF

PERFORMANCE TECHNICAL DRAWINGS AVAILABLE UPON REQUEST

Process Fan Curve for the 750 VRF



Regeneration Fan Curve for the 750 VRF