

DP 604-615

除溼乾燥機 *Desiccant Dryers*

精密和模塊化 *Precision and modularity*

優勢 Benefits:

- 單個或多個料斗設置
Single or Multi-hopper set up
- 基於溫度控制的再生循環 Temperature-control based re-generation cycle
- 露點控制 Dew Point Control
- 水流控制 Water Flow Control
- 自動降低過程溫度
Automatic reduction of the pro-cess temperature
- 物料消耗管理
Material consumption management
- 冷卻停止 Cooling stop
- 流程管理 Process airflow management
- 鼓風機和分子篩過濾系統
Blowers and molecular sieves filtration system
- 固態繼電器 (SSR) Solid state relays (SSR)
- 自動設置工藝空氣安全溫度
Automatic set-up of the process air safety temperature
- 完全獨立的過程空氣溫度安全控制 (溫度探頭, 電源控制和接觸器)
Completely independent pro-cess air temperature safety control (temperature probe, power control and contactor)
- 冷卻器操作警告 (僅在必要時進行冷卻水循環)
Warnings for the operation of the coolers (cooling water circulation only when necessary)



Double desiccant tower models, with an airflow rate from 50 to 150 m³/h, supply air at a dew point lower than -50°C. The process air temperature can be set up to 200°C (HT version). The DP 604 - DP 615 Dryer Series is 雙重干燥塔型號, 氣流速率為50至150 m³ / h, 空氣露點低於-50°C。工藝空氣溫度可設置在200°C (HT版)。DP 604 - DP 615 干燥機系列

suitable for the treatment of hygroscopic polymers for medium productions. The design criteria of these models allow to reach and maintain a Dew Point inferior to -45°C with constant excellent results.

適合用於中等生產的水性聚合物的處理。這些模型的設計標準允許達到並保持低於-45°C的露點, 結果良好。



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客製化 Customer oriented solutions:

Precision 精確度:

- Electronic control of the process temperature with self-tuning PID algorithm that ensures high precision.
- 採用自整定PID算法對過程溫度進行電子控制，確保高精度。

Easy utilisation 易於使用：

- Simple and complete operator interface
- 簡單而完整的操作界面
- Microprocessor control
- 微處理器控制
- Large display available in the operator's language. It shows the functioning status of the machine as well as any possible alarm or warning message.
- 提供大顯示屏，多種語言。它顯示機器的運行狀態及任何可能的警報或警告訊息。
- On the main screen the following parameters of the dryer can be monitored: Drying temperature, Setpoint, Dew Point value
- 在主屏幕上，可以監控干燥機的以下參數：乾燥溫度，設定值，露點值

Flexible and modular configuration:

靈活與模塊化配置：

- The operator can simply and easily increase the number of hoppers at any time. Hoppers capacity from 30 to 400 dm³; single or centralised systems.
- 操作員可以隨時簡單輕鬆地增加料斗的數量。料斗容量從30到400dm³，單一或集中式系統。

Intelligent Energy Supervisor

智能能源監督：

- In accordance with the effective requirements of the processing machine, the IES system optimises and adjusts the energy utilisation
- 根據加工機器的有效要求，IES系統優化和調整能源效率



- Intelligent Material Drying: optimises and adjusts the energy utilisation to prevent material thermal degradation or over-drying.
- 智能材料乾燥：優化和調整能源效率，以防止材料熱降解或過度乾燥。

991D095 - Disclaimer: data in this document may be out of date. Please consult technical data sheet

技術參數 TECHNICAL DATA		DP604	DP605	DP609	DP610	DP613	DP615
乾燥空氣流量 Process air low *	m ³ /h	50	75	70	110	100	150
鼓風機 * Process air blower *	kW	0.25	0.25	0.7	0.7	1.3	1.3
加熱功率 Heating power (process)	kW	2.5/3.5 *	2.5/3.5 *	3.5/5 *	3.5/5 *	5/7 *	5/7 *
回流鼓風機 Regeneration air blower	kW		0.2		0.2		0.2
回流加熱功率 Heating power (regeneration)	kW	2.5					
總負荷 Total load	kW	5.7/6.7 *	5.9/6.9 *	7.1/8.6 *	7.3/8.8 *	9.2/11.2 *	9.4/11.4 *
平均消耗溫度為 Average consumption (80°C)	kWh	2.3	2.5	2.8	3.2	3.5	3.7
最高工藝溫度 Max process temperature	°C	150/200 *					
露點 Dew Point	°C	-40	-50	-40	-50	-40	-50
標準電氣連接 Standard electrical connection	V/-/Hz	400/3/50 - 380/3/60 - 460/3/60					
尺寸 Dimensions (LxWxH)	mm	815x400x1354					
重量 Weight	kg	250					

* HT version 高溫型號

SINGLE HOPPER CONFIGURATION							
MODELS	T50	T75	T100	T150	T200	T300	T400
DP 604							
DP 605							
DP 609							
DP 610							
DP 613							
DP 615							



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