

脱湿干燥机 DEHUMIDIFYING DRYER



CHALLENGER DRG-Zseries

**本装置是超级省能源、省空间型脱湿干燥机，
自带一二次输送集成型脱湿干燥机。**

This New Model is the Super Energy-saving & Space-saving Dehumidifying Dryer; It is also a Dehumidifying Dryer Integrated with Primary & Secondary Material Conveying.

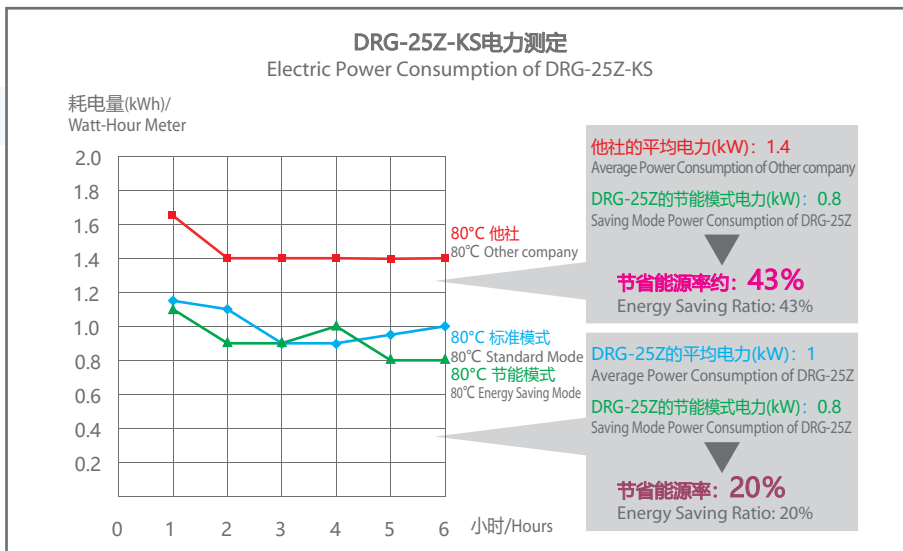
省空间 20% (本公司比)

Saves 20% of Space (Compare to Our Own Dryer)

- 轻巧化设计
- 通过大幅度的设计变更，节省了空间
- Lightweight design
- Significant design change saves space

省能源 43% (与他社比)

Saves 43% of Energy (Compare to other Company)



内置新型的脱湿装置，实现高效率脱湿

A New Type of Desiccant Chamber is Built to Achieve High Efficiency Dehumidification

- 再生加热管和脱湿筒采用了分体式装置，有效地控制着分子筛的温度，实现低露点
- The regenerative heater and the desiccant chamber use a split type device to effectively control the temperature of the molecular sieve and realize the low dew point.

循环式低露点干燥空气保证充分干燥

Closed loop low dew point dry air ensures sufficient drying

利用脱湿空气进行2次输送，防止再吸湿

Secondary loading through dry flow to prevent re-humidifying

PID 控制面板

PID Control Panel

- 微电脑PID控制，实现高精度温度控制
- 异常发生时的报警灯闪烁，异常原因(逆相，过负荷，温度上限，温度下限，热电偶断线，下限位异常，接触器异常，外部异常)在面板上表示
- 自动预约功能作为标准装备
- 采用简易控制面板，操作更简单化
- PID control for accurate temperature control
- Alarm lamps flashes when anomaly occurs, and the cause of anomaly (anti-phase, overload, upper temperature limit, lower temperature limit, thermocouple break, empty level switch error, contactor abnormal contactor, external abnormal) will be shown on panel
- Automatic appointment start function as standard
- Control panel makes operation easier

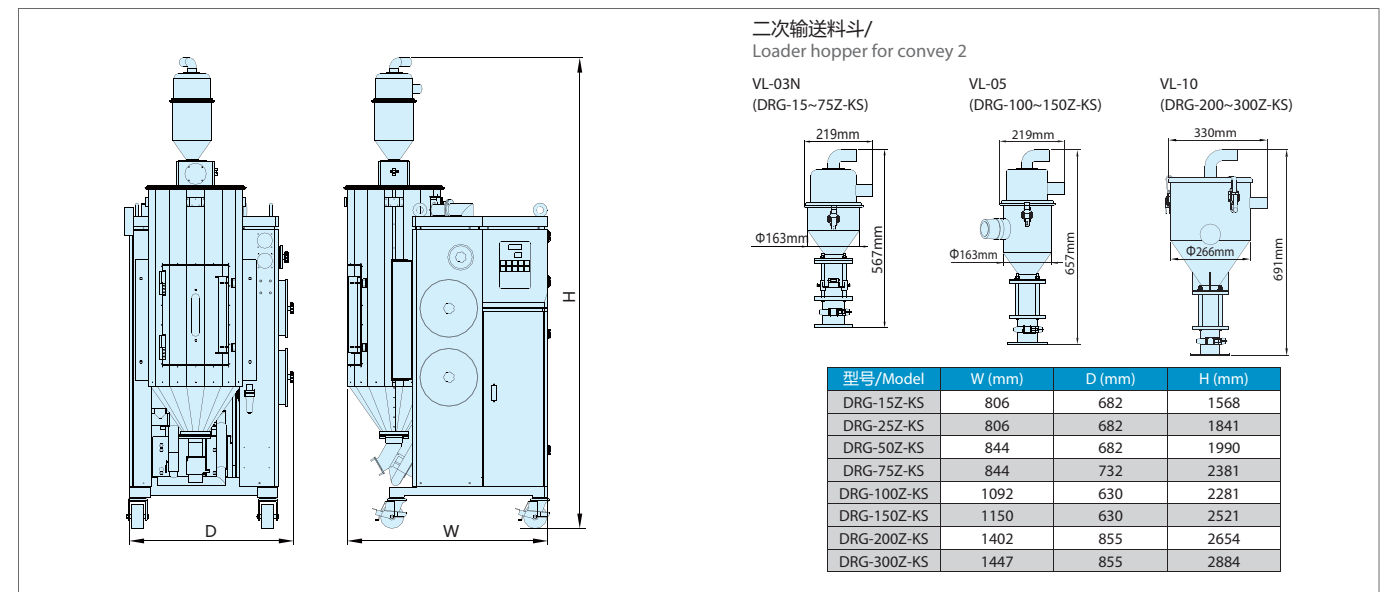


规格 Specifications

型号/Model	DRG-15Z-KS	DRG-25Z-KS	DRG-50Z-KS	DRG-75Z-KS	DRG-100Z-KS	DRG-150Z-KS	DRG-200Z-KS	DRG-300Z-KS		
风量/Air flow (m ³ /h)	35		75		80	120	180	220		
露点/Dew point (°C)	※ -25									
干燥温度/Drying temperature (°C)	65~160			75~160			80~160			
干燥再生风机容量/Drying blower/regeneration blower capacity/ (50/60Hz)(kW)	0.17/0.28		0.55/0.85		1.3/1.9	2.3/3.4	3.3/5.0			
再生加热管容量/Regeneration heater capacity (kW)	2.4		2.7		4.0		12.0			
干燥筒/ Drying hopper	有效容量/Effectibe capacity (L)	25	42	84	125	167	250	333	500	
	装料量/Feeding volume (kg)	15	25	50	75	100	150	200	300	
	干燥筒内胆材质/Drying hopper inner material	SUS304(镜面/Bufing)								
	干燥加热管容量/Drying heater capacity (kW)	2.0		2.7		4.0		6.0		9.0
附属品/Accessories	循环空气输送，定量输送，保温付/Circulating air conveying, batch conveying, glass wool insulation									
一次送料斗(输送1)/Primary hopper (Convey-1)	AL-05						AL-10			
风机容量/Blower capacity (50/60Hz)(kW)	0.55/0.85			1.3/1.9						
二次送料斗(输送2)/Secondary hopper (Convey-2)	VL-03N				VL-05		VL-10			
风机容量/Blower capacity (50/60Hz)(kW)	0.55/0.85(和一次输送兼用/Concurrent use of blower with primary conveying)				1.3/1.9(和一次输送兼用/Concurrent use of blower with primary conveying)					
主断路器容量/ Main breaker capacity (A)	50-60Hz/200-220V	20		32	32/40	40/50	75/100			
	50Hz/380-415V	10		15		20		40	50/40	
总电气容量/Power supply (50/60Hz)(kW)	3.1/3.5		4.6/5.5		5.9/6.8	6.6/7.8	15.6/17.3	16.6/18.9		
压缩空气用量/Compressed air requirement (L/min)	5 (0.4~0.6PMPa)(配管口径Φ8/Pipe size Φ8)									
冷却水量/Cooling water volume (L/min)	不要/No need									
附属品/Accessories	PVC软管/PVC flexible hose Φ38×20m, 吸料管/Suction pipe Φ38×650mm×1根, 电源线/Power supply cable 5m									
涂装色/ Paint color	本体/Frame	日涂工 Y15-85A 半艶 JPM A Y15-85A, semigloss								
	电控箱门/Control panel door	日涂工 C69-50T								
机器重量/Weight (kg)	170	180	193	225	290	310	440	505		

※ 露点根据使用环境有所变动。
The dew point varies according to ambient air conditions.

外形尺寸图 Dimensions



选购件 Options

- 特殊吸料管/Special suction pipe
- 旋风分离器/Cyclone separator
- 主电源漏电开关/Leakage switch of main power
- SL-38简易混合装置/SL-38 Simple mixing device
- 油污过滤器/Oil demister
- 输送风机加大/Conveying blower up
- 双向输送/Secondary two-way conveying
- 露点仪/Dew point instrument
- SSR固态继电器/SSR solid state relay