

CHALLENGER

DFK-Z series

搭载先进的技术，性能和品质安定性UP
Advanced Technology, Performance and Quality Stability UP



高信赖性

High Reliability

- 采用SSR加热控制，寿命长，可靠性高
- CE认证
- Using SSR heating control, long service life, high-reliability
- CE certified



交互式人机界面

Interactive Human-computer Interface

- 采用高清晰触摸屏
- 温度、露点(OP)、风量(OP)实时监控
- 报警履历等信息可显示
- 可视化界面，操作人性化
- High definition capacitive touch screen
- Real-time monitoring of temperature, dew point (OP) and air flow (OP)
- Alarm history and other information can be displayed
- Visual interface and humanized operation



周历定时运转功能

Weekly Calendar Timing Operation Function

- 通过时间设定，可实现每周内各天的重复定时启动、停机设备
- By time setting, it can be started and stopped repeatedly everyday within a week

低露点

Lower Dew Point

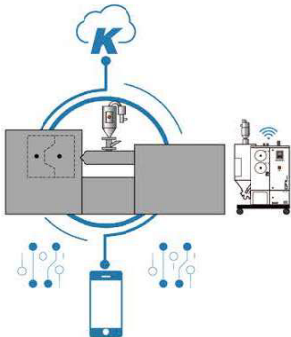
- 高性能沸石式蜂巢转子，可得到-40°C的低露点空气
- 由于沸石结晶会产生微孔结构，降低高温裂化的情况，因此使用寿命更长、更稳定
- 即使对高温空气，也具有出色的除湿能力
- High performance crystalline zeolite honeycomb structure, producing low dew point air about -40°C
- Crystalline zeolite has a microporous structure, reducing heat deteriorating, which makes the service life longer and more stable
- It has high absorption efficiency even with high temp. air



丰富的IoT通讯机能

Multi-functional Internet Of Things

- RS422/485串口, RJ45以太网口
- MODBUS-Rtu, SPI, MODBUS-Tcp通信
- 预留扩展通讯口
- 进行川田K-Cloud云平台服务(OP), 实现远程监控、数据统计和分析以及机器寿命管理等大数据处理(OP)
- 运转数据存储、导出功能
- RS422/485 serial port, RJ45 Ethernet port
- Modbus-Rtu, SPI, Modbus-Tcp communication
- Reserved expansion communication port
- Connecting to KAWATA K-Cloud Platform(OP) for big data processing including remote monitoring and control, data statistics and analysis, machine life management(OP)
- Run data storage and export



规格 Specifications

型号/Model	DFK-25Z-KS	DFK-50Z-KS	DFK-75Z-KS	DFK-100Z-KS	DFK-150Z-KS	DFK-200Z-KS	DFK-300Z-KS
风量/Air flow (m³/h)	35	50	80	110	145	220	
露点/Dew point (°C)	-40 ※						
干燥温度/Drying temperature (°C)	80~160						
干燥风机容量/Drying blower capacity (kW/50/60Hz)	0.17/0.28	0.28/0.42	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)	2.4~2.9			2.7~3.3		4	
再生风机容量/Regeneration blower capacity (kW/30/60Hz)	0.17/0.28						
吸湿筒回转头容量/Desiccant chamber motor capacity (kW)	0.025						
干燥筒/Drying hopper	有效容量/Effective capacity (L)	42	84	125	167	250	500
	装料量/Feeding volume (kg)	25	50	75	100	150	300
	干燥筒内胆材质/Drying hopper inner material	SUS304					
干燥加热管容量/Drying heater capacity (kW)	2.4~2.9	2.7~3.3	4		6	9	
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		
输送风机容量/Blower capacity (kW/50/60Hz)	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		
主断路器容量/Main breaker capacity (380-415/200-220V)(A)	20/40		32/50		32/63	40/75	63/100
总电气容量/Power supply 200-380V/415V 50Hz/60Hz (kW)	6.7/6.3/7.2	7.2/6.7/7.8	8.9/8.7/10		10.1/9.8/11.4	13.1/12.8/14.9	17.8/17.8/20.2
压缩空气使用量/Compressed air requirement (L/min)	5 (0.4~0.6MPa)(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	SS软管/PVC flexible hose Φ38×20m, 吸料管/Suction pipe Φ38×650mm×1根, 电源线/Power supply cable				PVC软管/PVC flexible hose Φ48mm, 吸料管/Suction pipe Φ48×650mm×1根, 电源线/Power supply cable		
涂装色/Paint color	SS部/SS part	日隆工 KN-93/K75-20D					
	SUS部/SUS part	无/None					
机器重量/Weight (kg)	250	265	285	305	415	500	590

※ 露点根据使用条件有所变动。
The dew point varies according to ambient air conditions.

外形尺寸图 Dimensions

