

脱湿干燥机
DEHUMIDIFYING DRYER

CHALLENGER DRK-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



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



PC客户端 PC client 移动客户端 Mobile client OPC用户自行组态 OPC User configuration

单筒式吸湿筒

Single Cylinder Type Desiccant Chamber

- 通过合理的设计，巧妙地将干燥和再生流程融为一体，在保证干燥性能的同时，能够节约能源，降低成本，减少环境热负荷
- By rational design, integrate the drying and regeneration process. It can conserve energy, reduce the cost and the thermal load, while ensuring the drying performance

多种语言

Multilanguage

- 内置中、日、英、韩4种语言，可自由切换
- Built in Chinese, Japanese, English and Korean, freely switchable

点检、维护的合理化设计

Rational Design Of Inspection and Maintenance

规格 Specifications

型号/Model	DRK-15Z-KS	DRK-25Z-KS	DRK-50Z-KS	DRK-75Z-KS	DRK-100Z-KS
风量/Air flow (m ³ /h)	35			80	
露点/Dew point (°C)	-25 ※				
干燥温度/Drying temperature (°C)	80 ~ 160				
干燥再生风机容量/Drying blower/regeneration blower capacity (kW/50/60Hz)	0.17/0.28			0.55/0.85	
再生加热管容量/Regeneration heater capacity (kW)	2.7			4.0	
干燥筒/Drying hopper	有效容量/Effective capacity (L)	25	42	84	125
	装料量/Feeding volume (kg)	15	25	50	75
	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			4.0
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				
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
输送风机容量/Blower capacity (kW/50/60Hz)	0.55/0.85			1.3/1.9	
主断路器容量/Main breaker capacity (380-415/200-220V(XA))	16/20			20/25	
总电气容量/Power supply (kW)(200-380V/415V 50Hz/60Hz)	4.0/3.7/4.4			4.0/3.7/4.4	
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	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	日缝工 KN-93/K75-20D				
	无/None				
机器重量/Weight (kg)	215	225	240	269	286

※ 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

