



TOTAL INGENIEROS S.A.C

VENTAS, PROYECTOS, SERVICIOS EN INGENIERÍA Y SISTEMAS DE REFRIGERACIÓN

HONGSEN 鸿森

2021-2022

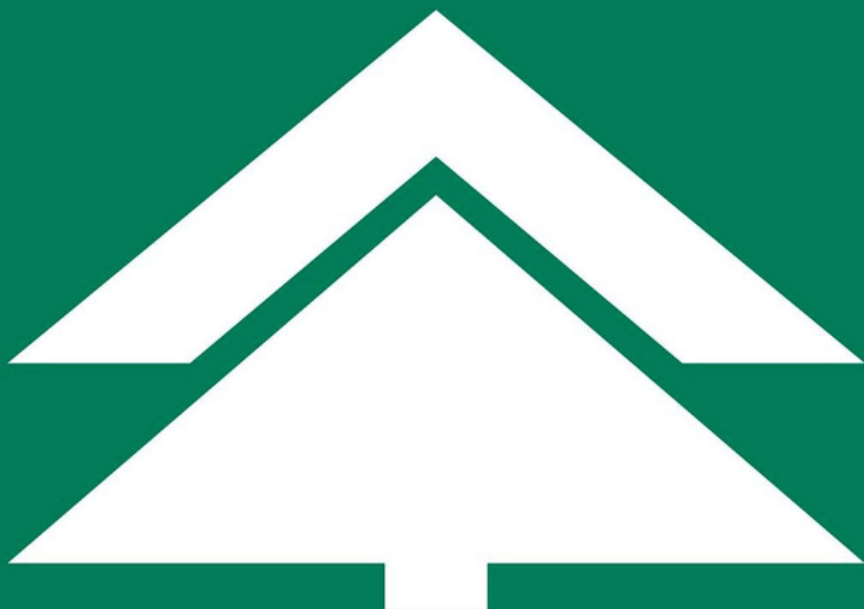
制冷空调系统配件

REFRIGERATION A/C SYSTEM ACCESSORIES

HONGSEN MACHINERY
Escort For Safe Refrigeration

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制冷空调系统配件



HONGSEN® 鸿森®

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SPF 系列电子膨胀阀

SPF Series electronic expansion valve



SPF12.5/25



SPF50/100



SPF250/400

产品概述 Product Description	
SPF型系列电子膨胀阀适用于商用冷柜、大型冷库和热泵等制冷系统中，精确控制系统中制冷剂流量，使系统始终在最佳状态下运行，达到快速制冷，实现精准控制和节能的目的。	SPF series electronic expansion valve is suitable for refrigeration systems such as commercial refrigerators, large refrigeration storages and heat pumps. It can accurately control the refrigerant flow in the system, so that the system can always run in the best state, achieve rapid cooling, and achieve the goal of precise control and energy saving.
特点 Features	
• 集电磁阀、膨胀阀、视镜功能于一体，性能稳定可靠； • 反应和动作速度快，调节精准； • 膨胀阀新结构设计，易拆卸清理，噪音低； • SPF系列产品采用平衡口设计，逆向开阀压力高,具有双向截止功能； • 适用于少油或无油系统。	• Integrated with the function of solenoid valve, expansion valve and sight glass, stable and reliable performance; • Fast response and action, precise adjustment; • New structure design of expansion valve, easy to dismantle and clean, low noise; • SPF series products apply a balanced port design with high reverse valve opening pressure, and have bidirectional cut-off function; • Suitable for systems with little oil or no oil.
技术参数 Technical Parameters	
适用制冷剂 Applicable refrigerant	HCFC或HFC
名义容量 Nominal capacity	43~1936KW
介质温度 Medium temperature	-40~+65℃
环境温度 Environment temperature	-40℃~+60℃
环境湿度 Environment humidity	95%RH以下
全开脉冲 Full open pulse	2620~3800（详见选型表）see model select table for detail
额定电压 Rated voltage	12V DC（±10%），矩形波 rectangular wave
励磁方式 Excitation mode	2-2相励磁，双极驱动 2-2 phase excitation, double pole drive
励磁速度 Excitation speed	250pps/300pps, 电压/电流 voltage/ current
结束励磁模式保持 Finishing excitation mode keeps	0.1~1.0s
驱动电流 Drive current	230mA
线圈电阻 Coil resistance	52Ω/相
线圈绝缘等级 Coil insulation grade	E级
防护等级 Protect grade	IP65