



Solution details

The AC fan will be controlled based on the pressure level.
 The pressure setpoint and other parameters of the HPSPF pressure controller can be modified via Modbus RTU communication.
 TK monitoring for thermal motor protection.

Suited for motor type: 230 VAC voltage controllable motors with TK motor protection
 Motor control: Electronic fan speed controller
 Minimum motor speed: Make sure that the minimum voltage remains high enough to avoid stalling of the motor.
 Maximum motor current: 6 A

Consult the fan manufacturer for the correct wiring

Sentera products

Article code	Description
DPOM8-24/20	Modbus RTU repeater and power supply 24 VDC
HPSPF-1K0-2	Differential pressure, air flow controller
MVSS1-60CDM	Electronic fan speed controller

External products

AC fan with a voltage controllable motor I_{max} 6 A