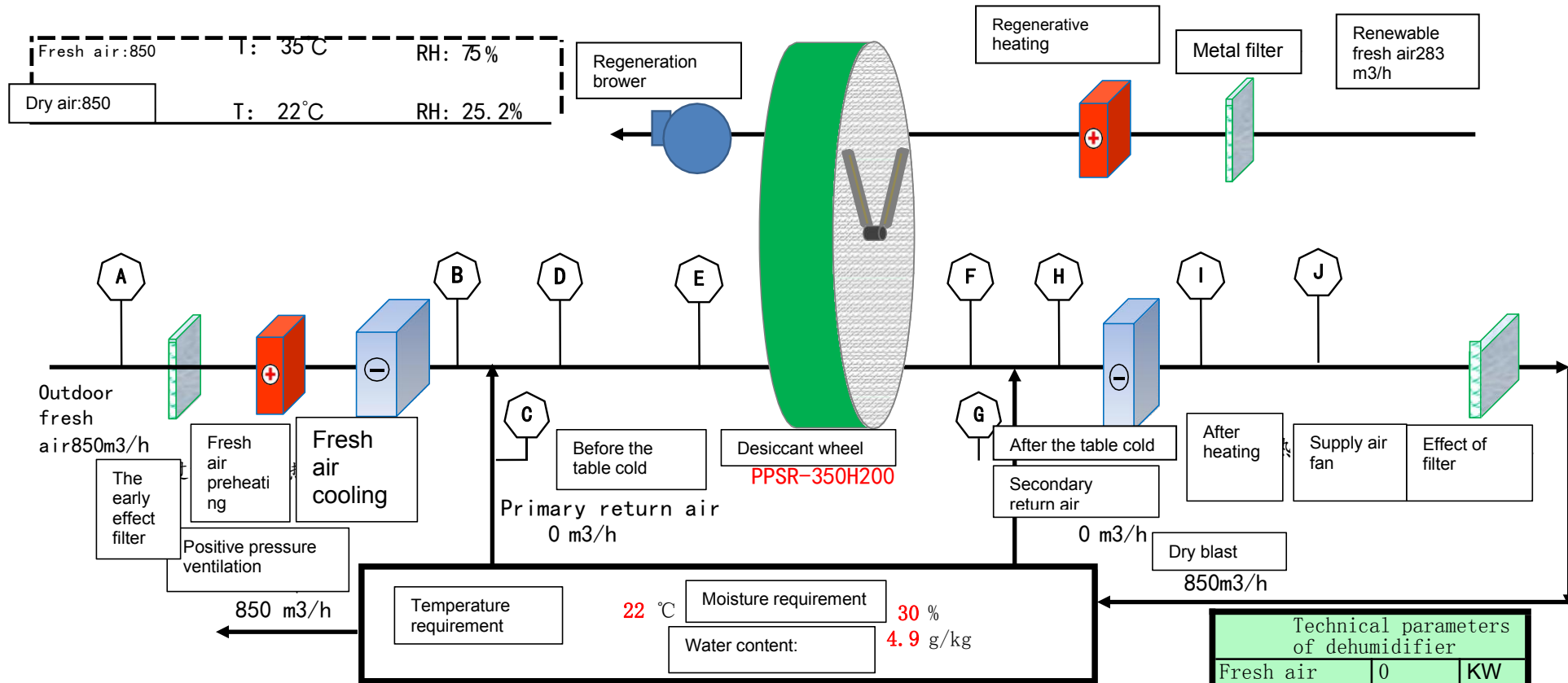




Project

refrigerant 407C compressor power 5.25KW+1.5KW+axial fan 0.5KW

	A	B	C	D	E	F	G	H	I	J
State point	Fresh air	Fresh air precooling	Return	Mixed	Front cold	After dehumidification	return	Mixed	After cold	Air supply
Air volume:m³/h	850	850				850	0		850	850
Dry bulb temperature:°C	35	15				36.0	22		22	22
Relative humidity:%RH	75	95				10.8	25.0		25.2	25.2
Moisture content:g/kg	27.0	10.1				4.2	4.6		4.2	4.2
Enthalpy: KJ/Kg	104.59	40.68				47.14	33.91		32.89	32.89
Dew point : °C										

Technical parameters of dehumidifier		
Fresh air preheat	0	KW
Cooling capacity of fresh air	18.1	KW
Front surface cooling	0.0	KW
Back surface cooling refrigeration	4.0	KW
Total capacity	22.1	kW
Regenerative heating	21	KW
Heat up after winter	0	KW
Wheel motor	0.2	KW
Air supply motor	0	KW
Regeneration blower	0.18	KW