Model No: SR-1000H
Mold Sweat Dehumidifiers

24 hours automatic operation timing setting and automatic malfunction display

XMD mold dehumidifier is mainly used in the plastic and rubber molding. As the mold use the cooling water to reduce the moulding cycle, which result in the problem of water condensation, it is the most applicable for PET and XMD bottle shooting out particularly.

Features:

- The total power switch with mechanical chain function
- Return air cooling and filtering function
- Choice digital dew point detector attached to a high dew point and alarm instructions
- In normal atmospheric conditions, it can control precisely humidity throughout the year
- Prolong mould's life, reduce erosion, improve the rate of good quality product
- Dry wind temperature ia about 30°C from the exit to mould, which don't lean to the aroud teperature of mould is too low, so that the injection machine window condensate Random with removable return air collector can be confined to achieve the cycle of applications, particularly applicable to the tropical climate environment
- Use P.I.D. temperature control system with regeneration temperature settings and actual temperature display screen
- Honeycomb designer with dehumidification and stable dryness
- Motor overload and reverse alarm function

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Condensation shows that there is water-content gas when the temperature of mold surface is lower than the dew point temperature of surrounding air, which influent theproduct quality and product efficiency. Meanwhile, this phenomenon erodes the mold surface and results in environmental pollution. The machine uses the honeycomb running system to dehumidify, which always ensure the mould to maintain 0-10 low dew point air environment. This feature that don't produce the condensation, can't be subject to seasonal changes and reduce largely the rate of defective and waste products.

Technical Parameters

Model		Unit	SR-500H	SR-1000H	SR-1500H	SR-2000H
Dry windmill		kw	2.2	3	3x2	3x2
Renewable windmill		kw	0.55	0.75	0.55x2	0.75x2
Dry wind flow		m^2/hr	500	1000	1500	2000
Renewable heating		kw	5	7.2	12x2	12x2
Dry wind piping size			4"	5"	8"	8"
Renewable wind piping size			2"	2.5"	3"	3"
Cooling faucet size			3/4" PT	3/4" PT	3/4" PT	3/4" PT
Dry air temperature		℃	30	30	30	30
The average dew point temperature		℃	-10	-10	-10	-10
Fan pressure		Pa	3000	3000	3500	3500
Cooling water flow		L/M	50	50	100	100
Water pressure		kgf/cm^2	3-5	3-5	3-5	3-5
External size	H	mm	1850	2000	1990	2050
	W	mm	900	1100	1050	1150
	L	mm	1100	1100	1950	2050
Weight		kg	250	300	500	600
Noised B(A)			65	65	65	70