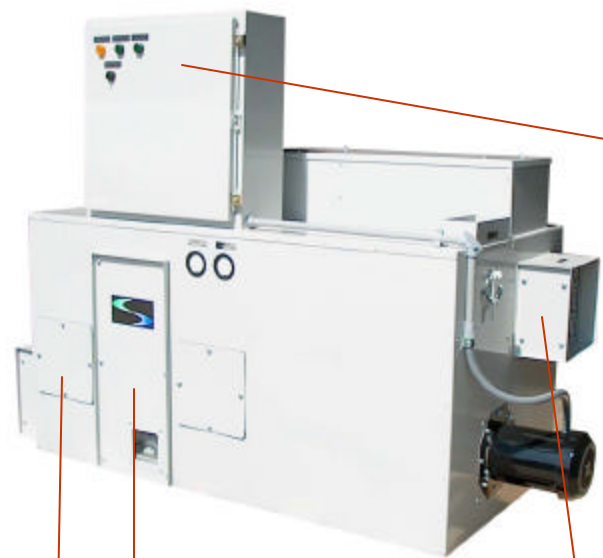




With the rotor series, we provide our customers with the technology that can handle any environment. Designed specifically for the larger, more industrial applications, with capacities from 600 - 45,000 CFM. We also offer a wider range of options on the rotor series, which helps when incorporating a dehumidification system into your facility. Providing a choice of electric, gas, or steam reactivation is just a small example. The rotor series is also ready to run when delivered leaving only electrical and ductwork connections to be made.

ROTOR SERIES



Optional Features

We wrote the book on versatility. Innovative Air Technologies has endless capabilities for options. We offer anything from electronic humidistats to cooling. You name it, we can do it.

- Humidistats
- Weather proof construction
- Structural skid
- Explosion proof design
- Heating
- Cooling
- High capacity filtration

High efficiency Silica gel rotor.
All American made parts.

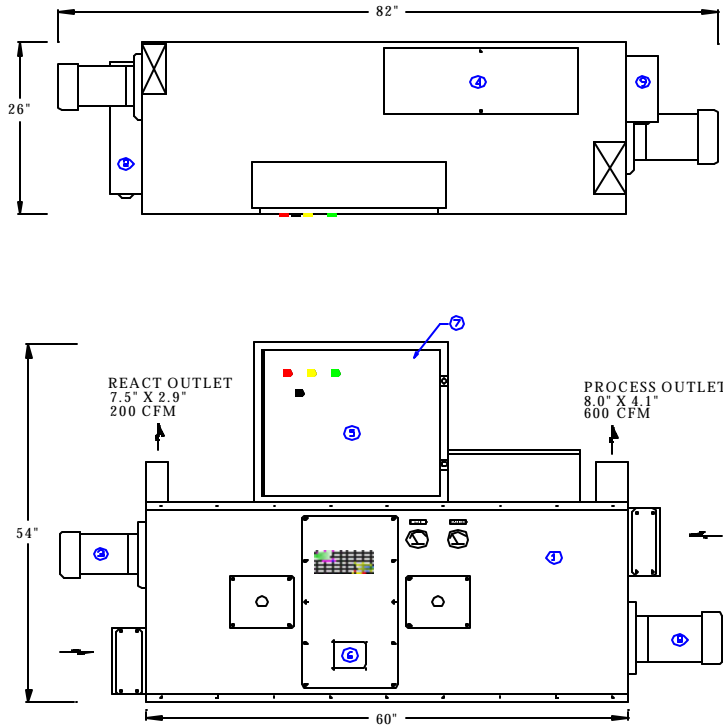
High capacity pleated filters.
More efficient than metal
cleanable filters.

Easy access panels are located at
every critical maintenance point.

UL listed electrical components.
We use circuit breakers, not
fuses, in our design.



Standard IAT - 600 unit outline drawing



Item	DESCRIPTION
1	IAT - 600 RE DESICCANT ROTOR DEHUMIDIFIER
2	React Inlet Filter 10" X 10" X 2" (30%)
3	React Air Blower - 6 1/4" x 1 1/2", 2.8" TSP 3450 RPM, with 1/2 H.P. TEFC motor
4	React Heaters, 13 KW total (Staged)
5	Control Box 24" x 24" x 8" (NEMA 12)
6	Rotor Observation Window
7	Power Input (top right of control box)
8	Process Air Blower - 7" x 2 1/2", 3.4" TSP with 1 H.P. TEFC motor
9	Process Inlet Filter 10" x 20" x 2" (30%)
10	-
-	-
-	-
NOTES	
1	System Performance - 600 CFM
2	Allow 36" in front for rotor removal, 18" in rear, and 6" on top
3	Both Outlets are equipped with air volume dampers
4	All external ductwork must be air tight and vapor tight.
5	Fan outlets must be transitioned to larger duct size.
6	Total weight of unit - approx. 360 lbs.
-	-
-	-

MOISTURE REMOVAL RATES

* Nominal Performance -- 70° F @ 50% RH.

Model #	Air Flows		Lbs. / Hour H2O	React En- ergy	Weight
	Process	React			
IAT - 600	600	200	16.4	45	360
IAT - 1000	1,000	333	27	75	495
IAT - 1500	1,500	500	39.6	112	535
IAT - 3000	3,000	1,000	79.2	225	555
IAT - 4500	4,500	1,500	120.3	339	1200
IAT - 7500	7,500	2,500	198.3	564	1700
IAT - 10,000	10,000	3,333	271.4	752	2860
IAT - 20,000	20,000	6,666	542.5	1504	4825
IAT - 40,000	40,000	13,333	1,117.60	3452	7200