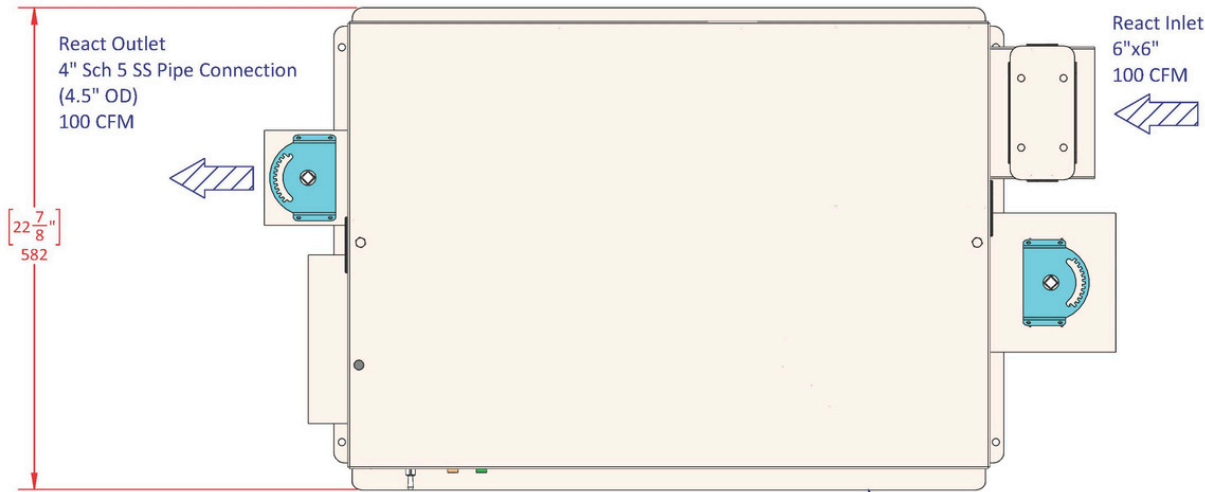


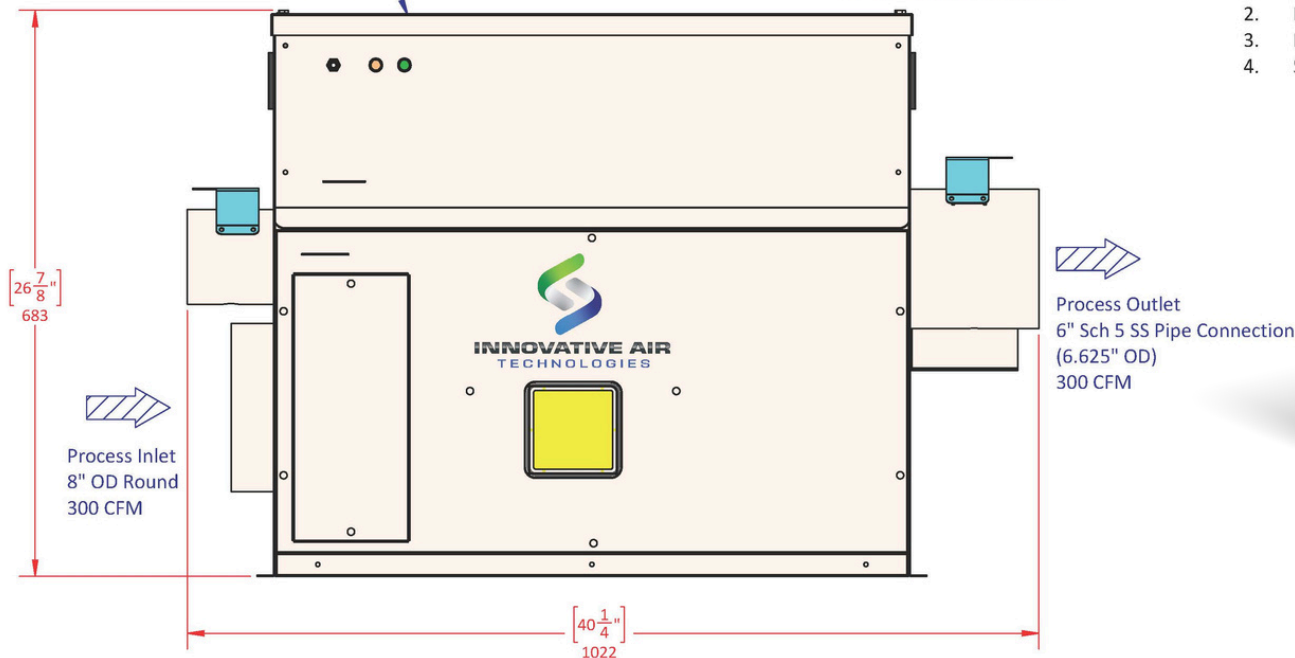
IAT-300REC Unit Outline



24" Minimum Clearance for Control Panel Access

TOP VIEW

19" Minimum Clearance for Desiccant Rotor Access



FRONT VIEW

- SPECIFICATIONS:**
- PROCESS AIR FLOW: 300 CFM
 - REACTIVATION AIR FLOW: 100 CFM
 - EXTERNAL STATIC PRESSURE: 0.5" WC
 - REACTIVATION HEAT: 19,448 BTUH
 - TOTAL POWER CONSUMPTION: 6,900 WATTS
 - DESICCANT ROTOR: SILICA GEL

- TYPICAL PERFORMANCE:**
- 75 DEG. F @ 50%RH - 8.9 LBS/HR.
 - 75 DEG. F @ 30%RH - 5.9 LBS/HR.
 - 75 DEG. F @ 10%RH - 2.0 LBS/HR.

- GENERAL NOTES:**
1. STAINLESS STEEL CONSTRUCTION.
 2. REACT & PROCESS OUTLETS EQUIPPED WITH AIR VOLUME DAMPERS.
 3. 30% REPLACEABLE FILTER.
 4. ALLOW A MINIMUM OF 5% MAKE UP AIR ON PROCESS INLET.
 5. SILICA GEL DESICCANT IS EMBEDDED IN ROTATING WHEEL.

- AVAILABLE OPTIONS:**
1. WEATHER PROOF CONSTRUCTION.
 2. DUCT TRANSITIONS. SCH 5 PIPE TO STANDARD DUCT SIZES.
 3. MIXED AIR BOXES.
 4. SUBMIT CUSTOM REQUESTS TO INFO@DEHUMIDIFIERS.COM

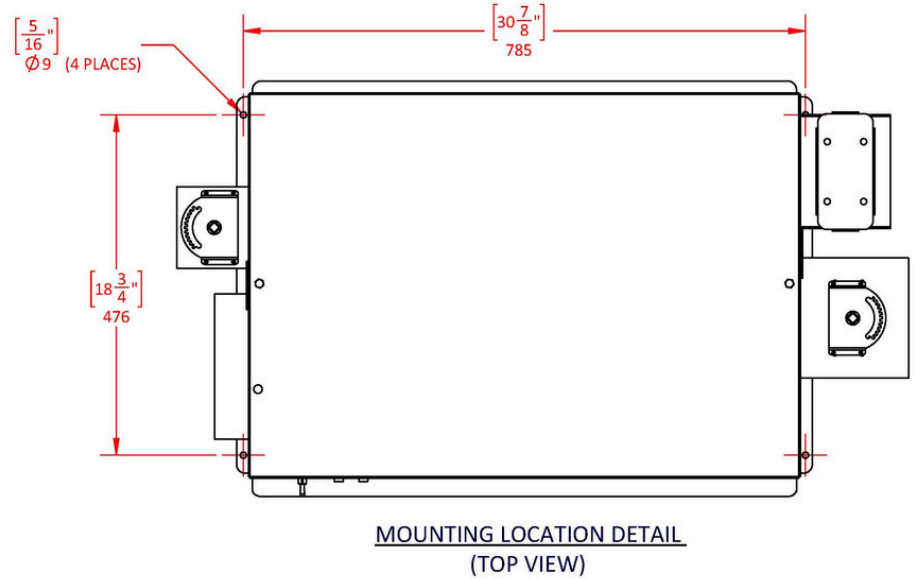
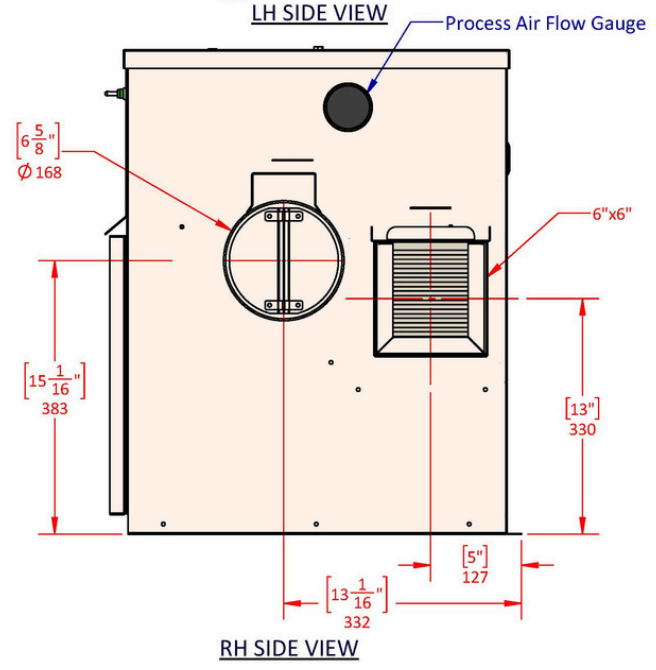
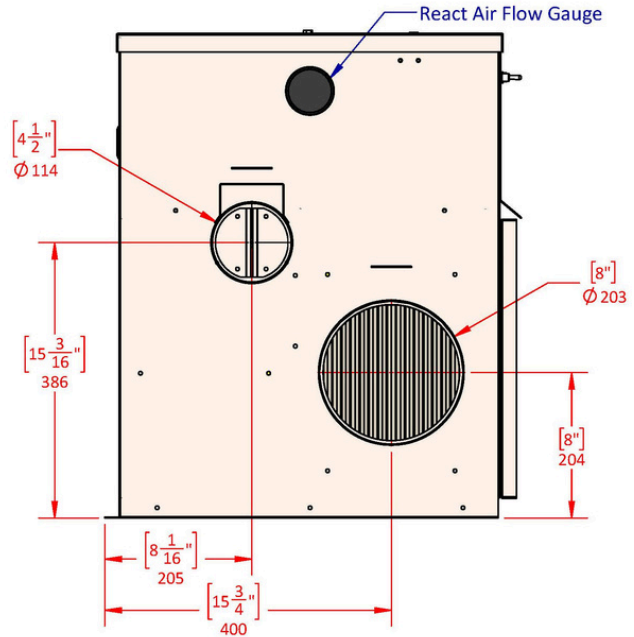


INNOVATIVE AIR TECHNOLOGIES
 16200 GEORGIA PEACH AVE - COVINGTON, GA 30014
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PROJECT: rec COMPACT - UNIT OUTLINE		
TITLE: IAT-300REC		
DWG NO: N/A	CHECK BY: KO	WEIGHT: 185 LBS
DRAWN BY: JP	CHECK BY: KO	DATE: 10/11/2022
SIZE: B	SCALE: -	SHEET: 1 OF 2

IAT-300REC Unit Outline



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PROJECT: 300REC COMPACT - UNIT OUTLINE		
TITLE: IAT-300REC		
DWG NO: N/A	WEIGHT: 185 LBS	
DRAWN BY: JP	CHECK BY: KO	DATE: 10/11/2022
SIZE: B	SCALE: -	SHEET: 2 OF 2

IAT-300REC General Specifications



Process Airflow	300CFM		
Process Fan ESP	1.0" WC		
React airflow	100 CFM		
React Fan ESP	0.75" WC		
Weight	185 lbs.		
Height	27"		
Width	41.5"		
Depth	23"		
Process Inlet (OD)	8"		
Process Outlet (OD)	6.625"		
React Inlet (square)	6" x 6"		
React Outlet (OD)	4.5"		
Filters	MERV 8		
Construction	18 Gauge Stainless		
Desiccant	Silica Gel		
Voltage options	Voltage	SCCR (KA)	FLA
	208/1/60	10	37.4 amps
	240/1/60	10	33.7 amps
	208/3/60	10	25.8 amps
	240/3/60	10	23.7 amps
	480/3/60	10	10.0 amps
	575/3/60	200	8.3 amps
Reactivation Heat	19,448 btuh		
Power Consumption	6,900 watts		
Performance Specs	75°F @ 50% RH - 8.9 lbs./hr. 75°F @ 30% RH - 5.9 lbs./hr. 75°F @ 10% RH - 2.0 lbs./hr.		
Decibel Level	78.3		

GENERAL NOTES:

- Stainless steel construction.
- React & process outlets equipped with air volume dampers.
- 30% replaceable filter.
- Allow a minimum of 5% make up air on process inlet.
- Silica gel desiccant is embedded in rotating wheel.

AVAILABLE OPTIONS:

- Weather-proof construction.
- Duct transitions: schedule 5 pipe to standard duct sizes.
- Mixed air boxes.