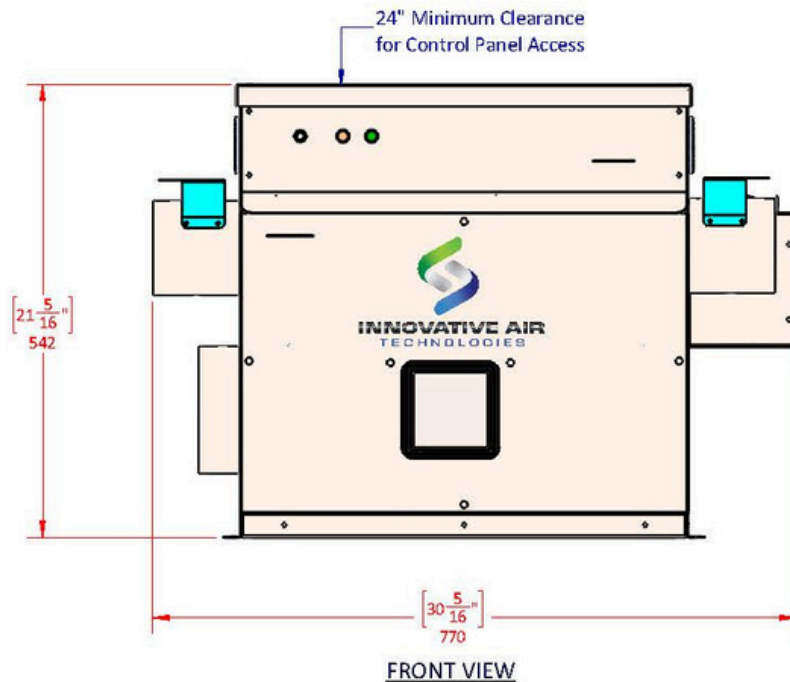
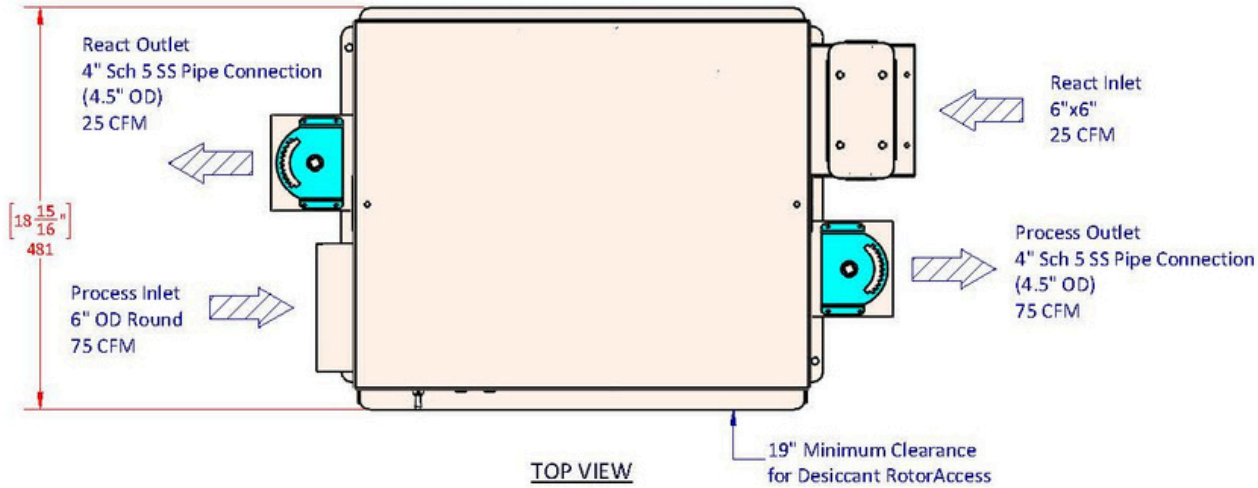


# IAT-75REC Unit Outline



## SPECIFICATIONS:

- PROCESS AIR FLOW: 75 CFM
- REACTIVATION AIR FLOW: 25 CFM
- REACTIVATION HEAT: 3,240 BTUH
- TOTAL POWER CONSUMPTION: 1,400 WATTS
- DESICCANT ROTOR: SILICA GEL

## TYPICAL PERFORMANCE:

- 75 DEG. F @ 50%RH - 2.3 LBS/HR.
- 75 DEG. F @ 30%RH - 1.5 LBS/HR.
- 75 DEG. F @ 10%RH - 0.5 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](mailto:INFO@DEHUMIDIFIERS.COM)

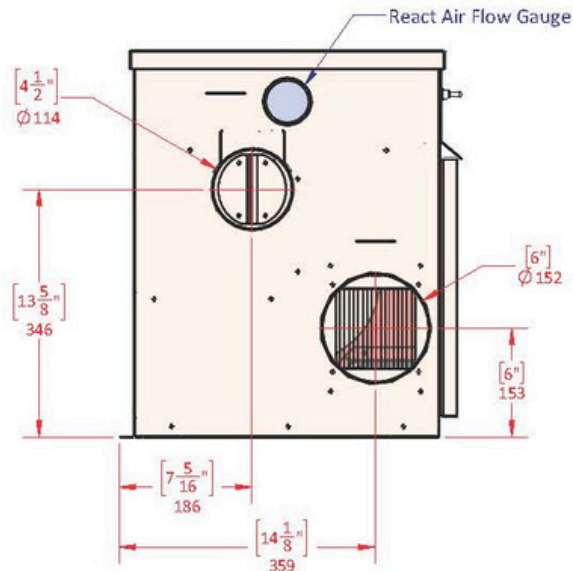


**INNOVATIVE AIR**  
TECHNOLOGIES  
11 CHINA ST. STE 112  
16200 GEORGIA PEACH AVE - COVINGTON, GA 30014  
PHONE: (770) 788-6744 | [www.dehumidifiers.com](http://www.dehumidifiers.com)

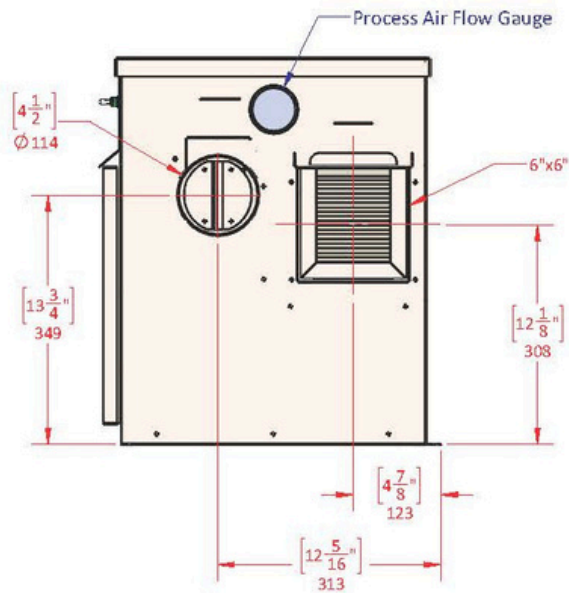
IT IS THE BUYER'S RESPONSIBILITY TO VERIFY THE DIMENSIONS AND WEIGHTS OF THE PRODUCT BEFORE PURCHASE. THE BUYER SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE PRODUCT DURING TRANSPORTATION AND STORAGE. THE BUYER SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE PRODUCT DURING INSTALLATION AND OPERATION.

PROJECT: 75REC COMPACT - UNIT OUTLINE		
TITLE: IAT-75REC		
DWG NO: N/A	WEIGHT: 85 LBS	
DRAWN BY: JP	CHECK BY: KO	DATE: 5/17/2024
SIZE: B	SCALE: -	SHEET: 1 OF 2

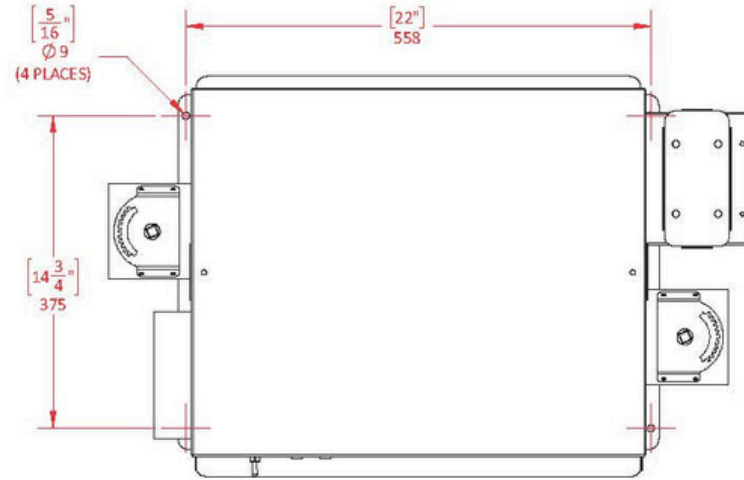
# IAT-75REC Unit Outline



LH SIDE VIEW



RH SIDE VIEW



MOUNTING LOCATION  
(TOP VIEW)



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FOR INFORMATION ONLY: THIS IS A PRELIMINARY DRAWING. IT IS NOT  
NECESSARILY TO BE USED FOR FABRICATION. THE USER SHALL BE  
RESPONSIBLE FOR VERIFYING THE DIMENSIONS AND MATERIALS OF THE  
DRAWING ARE CORRECT AND COMPLETE.

PROJECT: 75REC COMPACT - UNIT OUTLINE		
TITLE: IAT-75REC		
DWG NO: N/A	WEIGHT: 85 LBS	
DRAWN BY: JP	CHECK BY: KO	DATE: 5/17/2024
SIZE: B	SCALE: -	SHEET: 2 OF 2

# IAT-75REC General Specifications

<b>Process Airflow</b>	75 CFM		
<b>Process Fan ESP</b>	1.0" WC		
<b>React airflow</b>	25 CFM		
<b>React Fan ESP</b>	0.5" WC		
<b>Weight</b>	85 lbs.		
<b>Height</b>	21.5"		
<b>Width</b>	31"		
<b>Depth</b>	19"		
<b>Process Inlet (OD)</b>	6"		
<b>Process Outlet (OD)</b>	4.5"		
<b>React Inlet (square)</b>	6" x 6"		
<b>React Outlet (OD)</b>	4.5"		
<b>Filters</b>	MERV 8		
<b>Construction</b>	18 Gauge Stainless		
<b>Desiccant</b>	Silica Gel		
<b>Voltage options</b>	<b>Voltage</b>	<b>SCCR (KA)</b>	<b>FLA</b>
	120/1/60	10	16.5 amps
	208/1/60	10	11.5 amps
	240/1/60	10	10.6 amps
<b>Reactivation Heat</b>	4,776 btuh		
<b>Power Consumption</b>	1,914 watts		
<b>Performance Specs</b>	75°F @ 50% RH - 2.3 lbs./hr. 75°F @ 30% RH - 1.5 lbs./hr. 75°F @ 10% RH - 0.5 lbs./hr.		
<b>Decibel Level</b>	71		



**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.