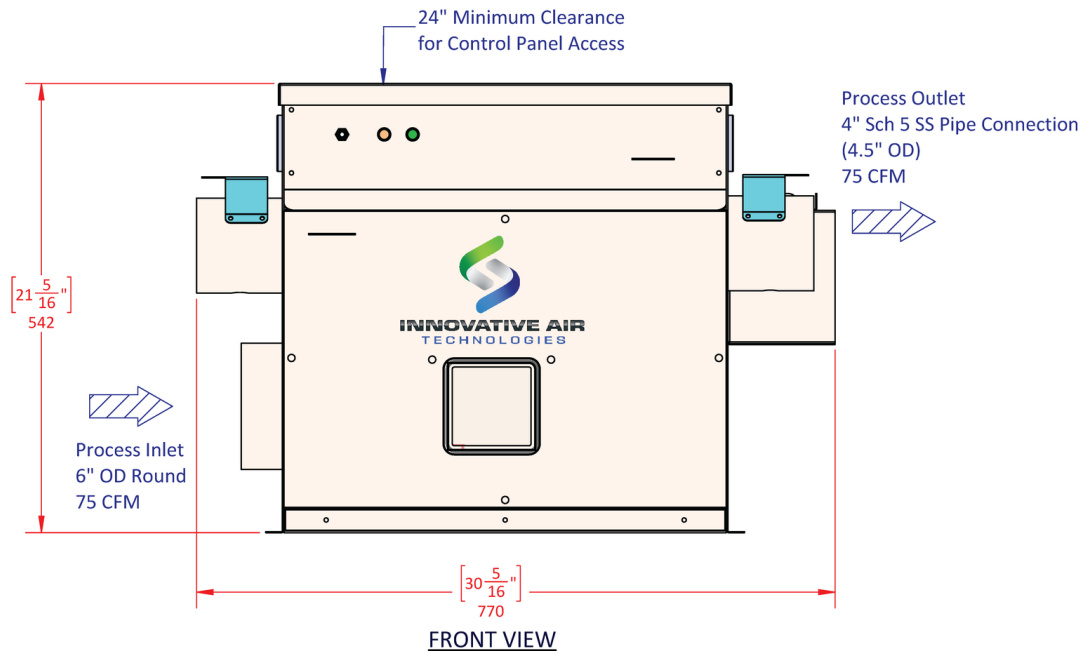
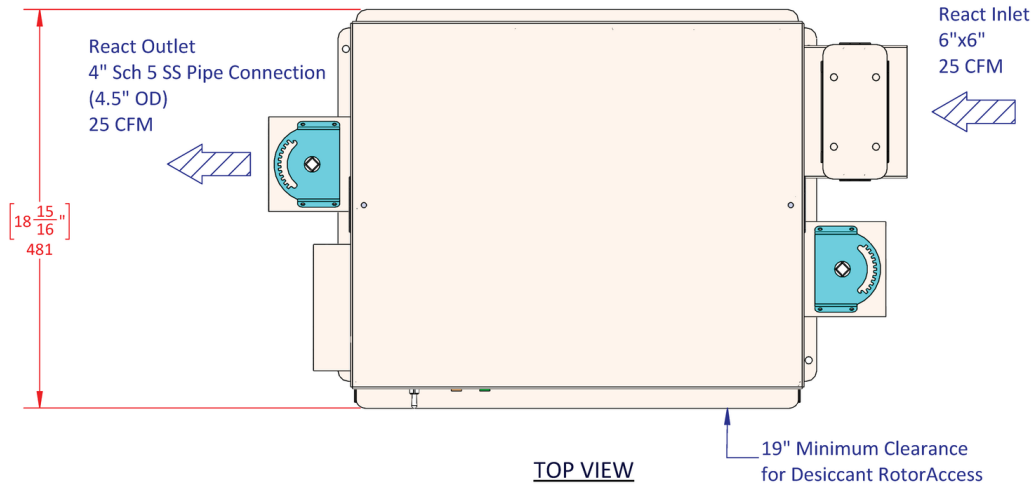


# IAT-75REC Unit Outline



## 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)

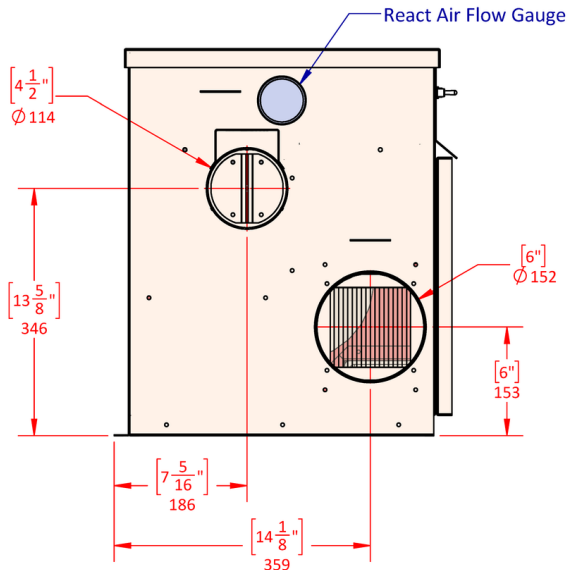


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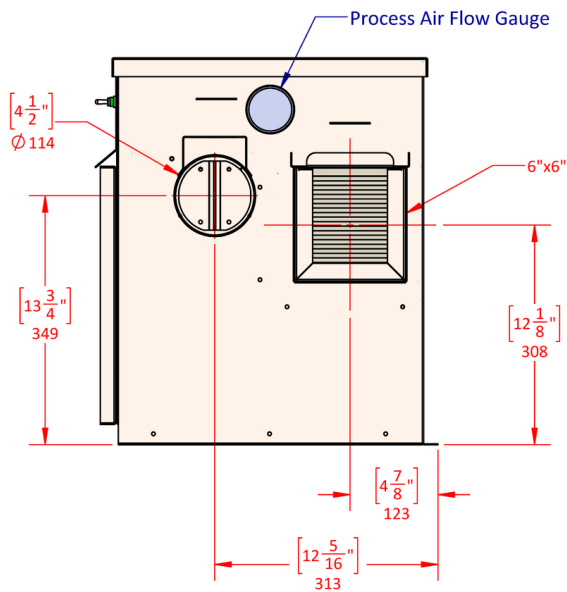
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PROJECT: 75RE COMPACT - UNIT OUTLINE		
TITLE: IAT-75RE		
DWG NO: N/A	WEIGHT: 85 LBS	
DRAWN BY: JP	CHECK BY: KO	DATE: 10/11/2022
SIZE: B	SCALE: -	SHEET: 1 OF 2

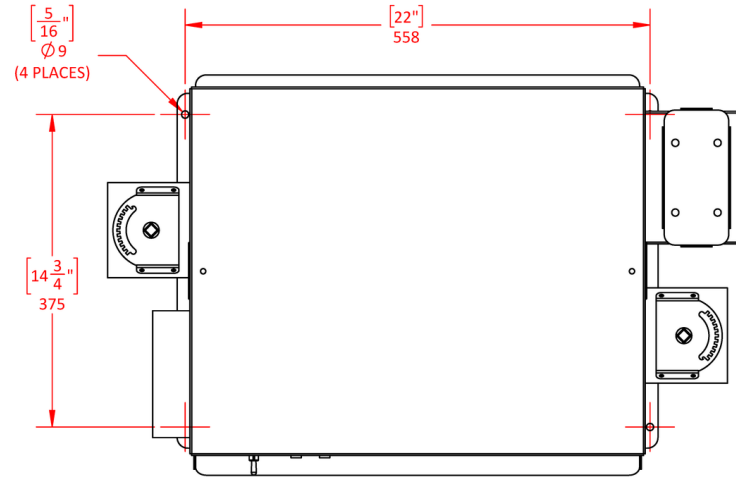
# IAT-75REC Unit Outline



LH SIDE VIEW



RH SIDE VIEW



MOUNTING LOCATION  
(TOP VIEW)



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PROJECT: 75RE COMPACT - UNIT OUTLINE		
TITLE: IAT-75RE		
DWG NO: N/A	WEIGHT: 85 LBS	
DRAWN BY: JP	CHECK BY: KO	DATE: 10/11/2022
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</b>	6"		
<b>Process Outlet</b>	4.5" round		
<b>React Inlet</b>	6" x 6"		
<b>React Outlet</b>	4.5" round		
<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.