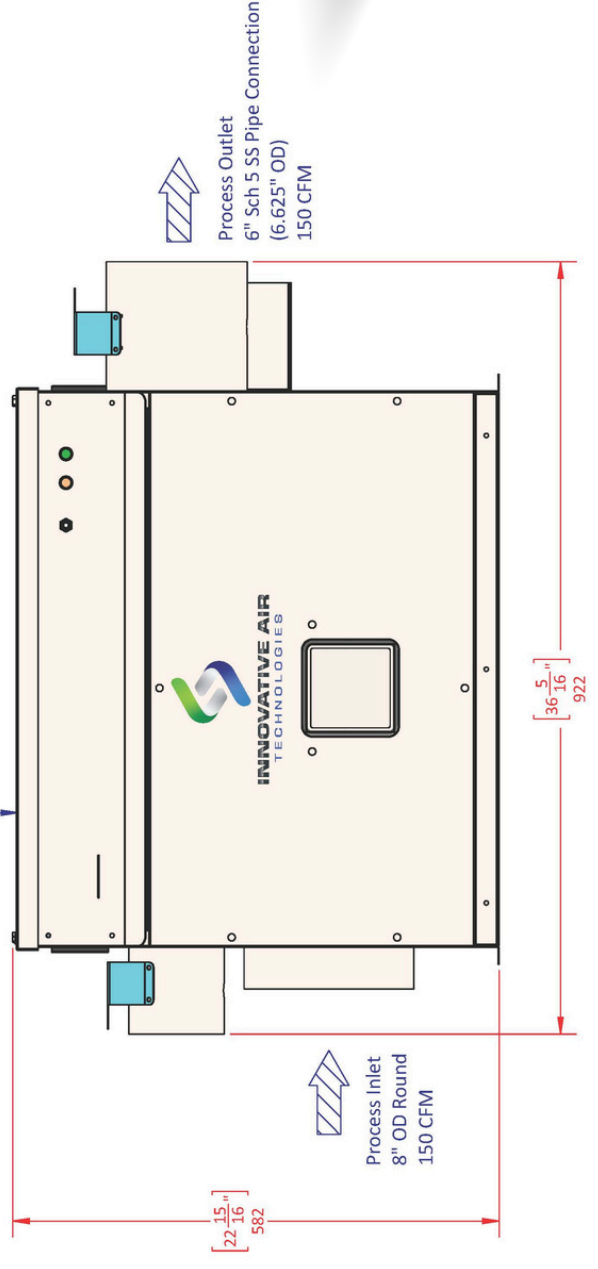
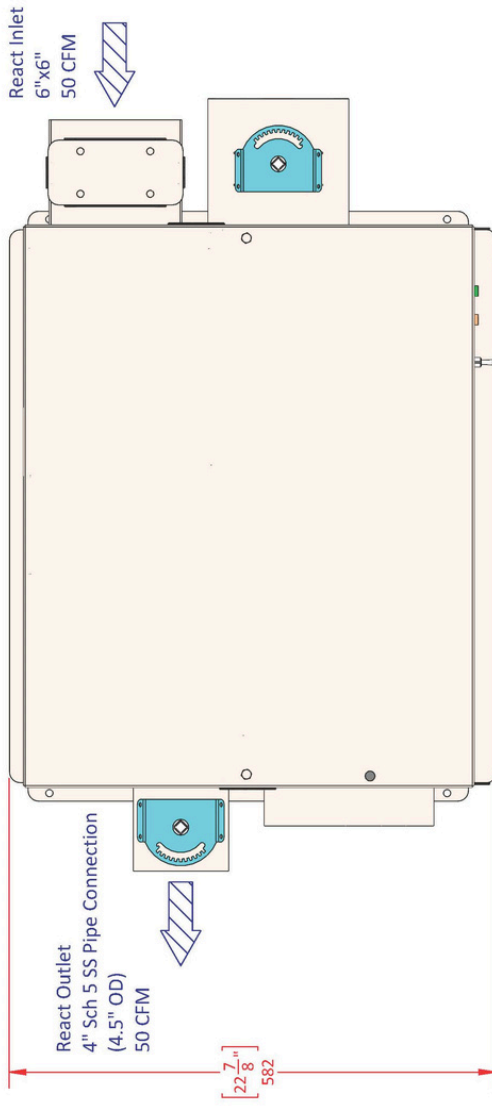


IAT-150REC Unit Outline



SPECIFICATIONS:

- PROCESS AIR FLOW: 150 CFM
- REACTIVATION AIR FLOW: 50 CFM
- REACTIVATION HEAT: 9,725 BTUH
- TOTAL POWER CONSUMPTION: 3,850 WATTS
- DESICCANT ROTOR: SILICA GEL

TYPICAL PERFORMANCE:

- 75 DEG. F @ 50%RH - 5.0 LBS/HR.
- 75 DEG. F @ 30%RH - 3.2 LBS/HR.
- 75 DEG. F @ 10%RH - 1.0 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.

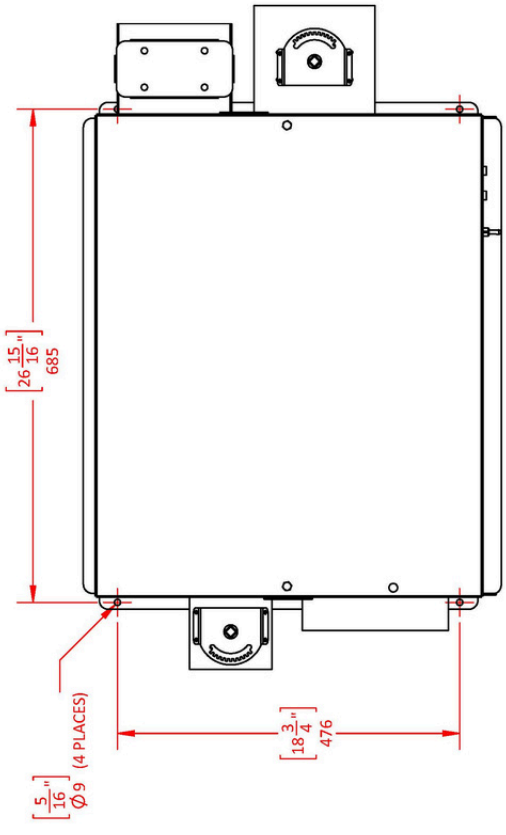
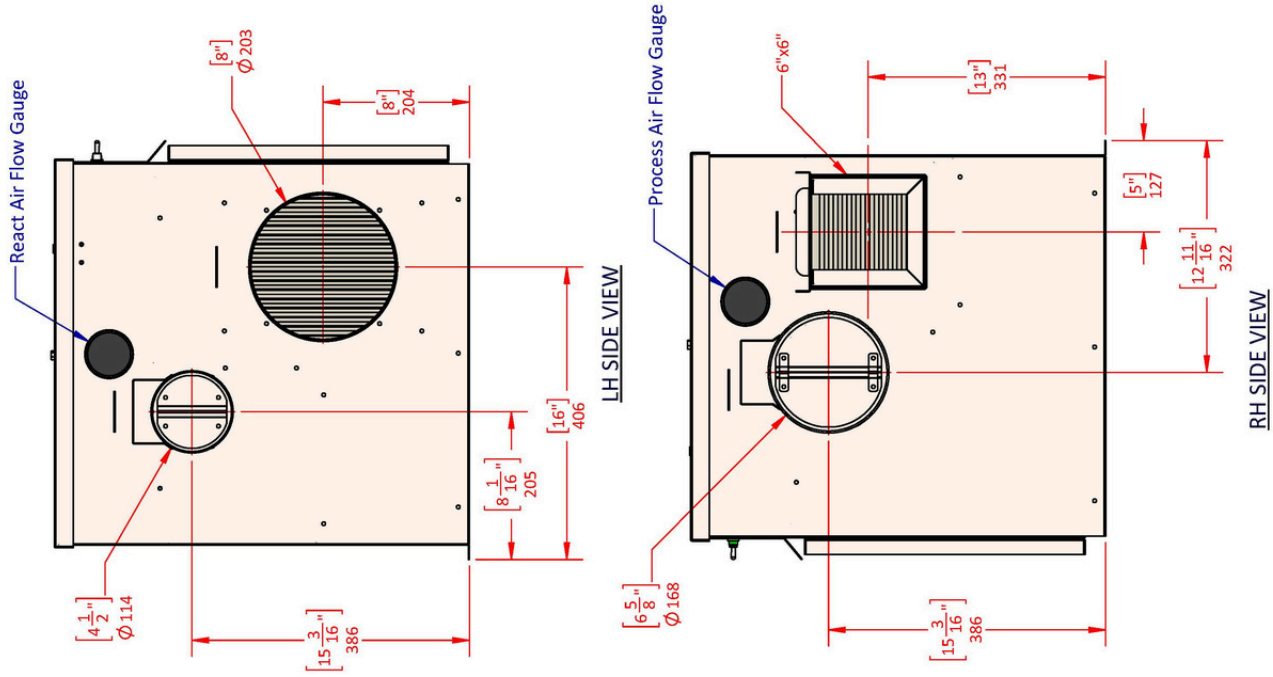
AVAILABLE OPTIONS:

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

PROJECT:	150REC COMPACT - UNIT OUTLINE
TITLE:	IAT-150REC
DWG NO.:	N/A
WEIGHT:	165 LBS
CHECK BY:	KO
DATE:	10/11/2022
DRAWN BY:	JP
SCALE:	B
SHEET:	1 OF 2

INNOVATIVE AIR TECHNOLOGIES
 16200 GEORGIA PEACH AVE - COWINGTON, GA 30014
 PHONE: (770) 788-6764 | www.dehumidifiers.com
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IAT-150REC Unit Outline



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PROJECT:	150REC COMPACT - UNIT OUTLINE
TITLE:	IAT-150REC
DWG NO.:	N/A
WEIGHT:	165 LBS
CHECK BY:	KO
DATE:	10/11/2022
DRAWN BY:	JP
SCALE:	B
SHEET:	2 OF 2

IAT-150REC General Specifications



Process Airflow	150 CFM		
Process Fan ESP	1.0" WC		
React airflow	50 CFM		
React Fan ESP	0.5" WC		
Weight	165 lbs.		
Height	23.0"		
Width	37"		
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	18.5 amps
	240/1/60	10	16.6 amps
	208/3/60	10	12.7 amps
	240/3/60	10	11.7 amps
	480/3/60	10	5.5 amps
	575/3/60	200	4.6 amps
Reactivation Heat	9,725 btuh		
Power Consumption	3,850 watts		
Performance Specs	75°F @ 50% RH - 5.0 lbs./hr. 75°F @ 30% RH - 3.2 lbs./hr. 75°F @ 10% RH - 1.0 lbs./hr.		
Decibel Level	78.6		

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.