

Performance, Sizing and Pricing

Performance

Humidiflex System Performance					
Temp input	Degree F %	75	75	80	80
Humidity input	RH	50%	60%	50%	60%
Water	lbs/hr.	3.5	4.6	4.6	5.5
Removal	PPD pints	80	105	105	127
Sens. cool cap.	BTU/hr	7200	7500	7900	7200
		capacity per ton	PPD	pints per day	

The data presented shows the dehumidification capacity at various intake conditions. Capacity is measured in pounds per hour (Lbs./hr.) and pints per day, and is calculated per ton of cooling.

Sizing

MODEL	< 400 CFM / Ton		> 400 CFM / Ton	
	CFM	SIZE tons	CFM	SIZE tons
IAHS 8	< 400	1.5 - 2.5	> 400	1.5 - 2.0
IAHS 10	< 400	3.0 - 4.0	> 400	2.5 - 3.0
IAHS 12	< 400	4.0-7.5	> 400	3.5 - 5

- Showing above is the InnoTek Air Humidiflex system 3 alternate sizes

The table above displays the three available sizes for the **InnoTek Air Humidiflex system**.

- The **blue column** is used for selecting the appropriate size based on the fan connection diameter (8, 10, or 12 inches) and the unit's fan size.
- Within the blue column, sizes are split into two cooling conditions:
 - When **airflow is below 400 CFM per ton of cooling**.
 - When **airflow is at or above 400 CFM per ton of cooling** (400 CFM/ton).

Pricing

MODEL	PRICING		COMPARISON TO MOST WHOLE-HOUSE DEHUMIDIFIERS WITH THE SAME CAPACITY (NOT INSTALLED)
	DEALER USD	CONTRACTOR USD	
IAHS 8	\$1,750	\$2,100	\$7,000 - \$12,000
IAHS 10	\$1,985	\$2,380	\$10,000 - \$15,000
IAHS 12	\$2,220	\$2,664	\$13,000 - \$20,000

NOTES: *THERE ARE 3 PACKAGE SIZES WHEN SHIPPED: 8 OR 10, OR 12*
This price list date is 2025-05-05
ALL PRICES ARE IN USD *additional Fee of \$500 for any first time customer including our assistance and training*