



## Put Humidity in the Hot Seat!



### An Effective and Affordable Investment.

Carrier's solution for combating oppressive humidity and providing year-round comfort and savings is not only effective, it's affordable to you and your customers. When homebuyers understand the value you are offering them through this HVAC system upgrade, you enjoy higher margins. Your customers quickly recoup their financial expense through:

- Immediate savings in reduced monthly energy consumption
- Factory rebates
- Rolling the investment expense into the mortgage payment
- House retaining its appeal and resale value over time
- Potential for reduced maintenance and repair costs since the system doesn't work as hard and long as other product solutions

The 24ACB7 air conditioner and ERV combination from Carrier ensures that humidity, comfort, and energy efficiency issues of the past are non-issues to your customers today and tomorrow.



### Old Problems. New Solutions. Better Results. Happy Customers. From Carrier.

Your goal and Carrier's goal is to ensure customers are satisfied with the home they've purchased from you. By making humidity removal and humidity control the first priority now, homeowners won't give indoor humidity a second thought.

Talk to your Carrier® national accounts representative today.

# Give Customers More Than Just Humidity Control.

	HERS Savings	3 Ton dBA	Daily Humidity Removal*	TSTAT Required
<b>System with Standard Outside Air Intake</b>				
Single-Stage 16 SEER AC with 80% ECM Furnace (CA16/58PH)	0	Sound levels as low as 76 dBA	71 pints	Humidistat
Two-Stage 17 SEER AC with 80% Variable-Speed Furnace (24ACB7/58CV)	1 point	Sound levels as low as 72 dBA	121 pints	Côr® Thermostat
<b>System with Bolt-On ERV</b>				
Single-Stage 16 SEER AC with 80% ECM Furnace (CA16/58PH)	0	Sound levels as low as 76 dBA	71 pints	Côr® Thermostat
Two-Stage 17 SEER AC with 80% Variable-Speed Furnace (24ACB7/58CV)	3-5 points	Sound levels as low as 72 dBA	121 pints	Côr® Thermostat

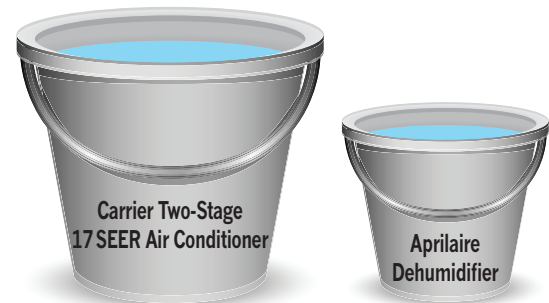
## Why Two-Stage?

- More effective humidity removal and management than a single-stage unit
- Preservation of décor, furnishings and structural elements of the home due to reduced humidity in the living space
- More consistent and comfortable indoor temperatures without wide fluctuations
- Energy savings without a compromise in comfort
- Ultra quiet operation
- Less system wear and tear over time
- HERS savings by market

## Address Fresh Air Intake with an ERV

- Humidity removal from outdoor air *before* its moisture can corrupt the ductwork or living environment
- Replacement of stale indoor air with conditioned outdoor air, especially important to dilute off-gassing in new homes
- Energy efficiency
- HERS savings up to 5 points
- Fulfillment of fresh air code requirements while eliminating the need for an outside air intake and dehumidifier

## Humidity Removal



Carrier two-stage units can remove 121 pints of moisture per day compared to an Aprilaire® dehumidifier (Model 8191) that can remove only 70 pints per day!\*

## Relative Humidity (RH)

	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
76°		60°	63°	67°	70°	73°	76°	79°	82°	85°
78°		63°	67°	70°	74°	76°	79°	82°	85°	89°
80°	62°	66°	70°	73°	77°	80°	83°	86°	90°	93°
82°	63°	68°	73°	76°	80°	83°	86°	90°	93°	97°
84°	66°	71°	76°	79°	83°	86°	90°	94°	98°	103°
86°	68°	73°	78°	82°	86°	90°	94°	98°	103°	
88°	70°	76°	81°	85°	89°	93°	98°	102°	108°	
90°	73°	78°	84°	88°	93°	97°	102°	108°		
92°	75°	82°	87°	91°	96°	101°	106°	112°		

It feels like 76° at:

- 76° & 70% RH
- 78° & 60% RH
- 82° & 40% RH
- 84° & 30% RH

In the summer, for every degree a thermostat set point is increased energy costs will decrease up to 3%



turn to the experts™

\*Based on Carrier testing, the single-stage and two-stage moisture removal is with estimated run time cooling/dehumidification operation. Aprilaire Model 8191 data per its product specifications. Aprilaire is a trademark of Research Products Corporation.