



Equilibrium Moisture Content (EMC)

Humidity Control For Wood Floor Health

TEMP. °F	MOISTURE CONTENT OF WOOD																			
	At various temperatures and relative humidity readings																			
50	1.4	2.6	3.7	4.6	5.5	6.3	7.1	7.9	8.7	9.5	10.4	11.3	12.4	13.5	14.9	16.5	18.5	21.0	24.3	26.9
60	1.3	2.5	3.6	4.6	5.4	6.2	7.0	7.8	8.6	9.4	10.2	11.1	12.1	13.3	14.6	16.2	18.2	20.7	24.1	26.8
70	1.3	2.5	3.5	4.5	5.4	6.2	6.9	7.7	8.5	9.2	10.1	11.0	12.0	13.1	14.4	16.0	17.9	20.5	23.9	26.6
80	1.3	2.4	3.5	4.4	5.3	6.1	6.8	7.6	8.3	9.1	9.9	10.8	11.7	12.9	14.2	17.7	17.7	20.2	23.6	26.3

	Failure Zone					Safe Zone					Caution Zone					Failure Zone				
RH	5%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%

Proper humidity control creates healthy environments and improves overall well-being.

Wood Moisture





AprilAire whole-home humidifiers have the capacity to humidify your entire home.

Reduce the spread of viruses and bacteria by maintaining proper humidity in your home.



*with US and imported parts

Ducted and Non-Ducted Steam



RECOMMENDED SOLUTION

Self-Contained Evaporative



RECOMMENDED SOLUTION

Duct-Mounted Evaporative



RECOMMENDED SOLUTION

AprilAire whole-home dehumidifiers remove moisture from the air when humidity is above the desired target.

Helps control against mold, termites, structural wood rot, and odors.

80 Pints Per Day



RECOMMENDED SOLUTION

100 Pints Per Day



RECOMMENDED SOLUTION

130 Pints Per Day



RECOMMENDED SOLUTION

AprilAire E080, E100 and E130 dehumidifiers are recognized as the Most Efficient of ENERGY STAR® 2022.