



Equilibrium Moisture Content (EMC)

Moisture Chart

Healthy Humidity Plays a Key Role in Wellness

No matter when or where, you ideally want your indoor humidity set between 30-50% all year long.

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%

By improving the air you breathe, you could benefit from greater overall health, less stress, better sleep and a happier family.

RH% _____

Wood Moisture _____



Aprilaire whole-home humidifiers have the capacity to humidify your entire home

- Optimal humidity between 30-50% can minimize the formation of viruses and bacteria

Steam



RECOMMENDED SOLUTION

Power



RECOMMENDED SOLUTION

Bypass



RECOMMENDED SOLUTION



70pts



RECOMMENDED SOLUTION

95pts



RECOMMENDED SOLUTION

130pts



RECOMMENDED SOLUTION

Aprilaire dehumidifiers automatically start dehumidification when humidity is above desired target

- Helps prevent mold, termites, structural wood rot and odors