

# Expected Service RH as a function of Measured RH and Measured Temp

W/C: 0.5

RH at service temperatures of 72° F

Measured Slab Temp (F)	Measured % RH													
	75	77	79	81	83	85	87	89	91	93	95	97	99	
30	86	88	90	92	95	97	99	100	100	100	100	100	100	
35	84	86	89	91	93	95	98	100	100	100	100	100	100	
40	83	85	87	90	92	94	96	98	100	100	100	100	100	
45	82	84	86	88	90	93	95	97	99	100	100	100	100	
50	81	83	85	87	89	91	93	96	98	100	100	100	100	
55	79	81	83	86	88	90	92	94	96	98	100	100	100	
60	78	80	82	84	86	88	90	93	95	97	99	100	100	
65	77	79	81	83	85	87	89	91	93	95	97	99	100	
70	76	78	80	82	84	86	88	90	92	94	96	98	100	
72	75	77	79	81	83	85	87	89	91	93	95	97	99	
75	74	76	78	80	82	84	86	88	90	92	94	96	98	
80	73	75	77	79	81	83	85	87	89	91	92	94	96	
85	72	74	76	77	79	81	83	85	87	89	91	93	95	
90	71	72	74	76	78	80	82	84	86	87	89	91	93	
95	69	71	73	75	77	78	80	82	84	86	88	90	91	
100	68	70	72	73	75	77	79	81	83	84	86	88	90	

**Example:** If the measured % RH is 87% and the measured slab temp is 60° F, then the expected service % RH would be 90%.



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