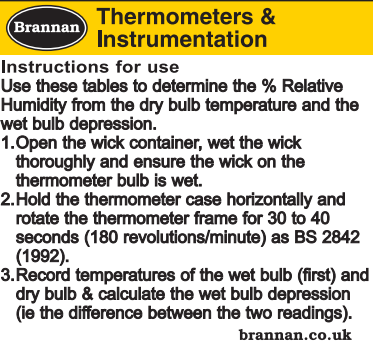




Brannan

Thermometers & Instrumentation

Instructions for use

Use these tables to determine the % Relative Humidity from the dry bulb temperature and the wet bulb depression.

1. Open the wick container, wet the wick thoroughly and ensure the wick on the thermometer bulb is wet.
2. Hold the thermometer case horizontally and rotate the thermometer frame for 30 to 40 seconds (180 revolutions/minute) as BS 2842 (1992).
3. Record temperatures of the wet bulb (first) and dry bulb & calculate the wet bulb depression (ie the difference between the two readings).

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Reading of Dry Bulb °C																	%Relative Humidity Tables for Aspirated Psychrometer readings In °C																																	Reading of Dry Bulb °C																
Depression of Wet Bulb °C	9.5	4	7	10	14	16	18	21	23	25	27	29	31	33	34	36	37	38	40	41	42	43	44	45	46	47	48	49	50	51	51	52	53	53	54	54	55	56	56	9.5																										
	10.0	-	3	6	9	12	15	17	20	22	24	26	28	30	31	33	34	36	37	38	39	41	42	43	44	44	45	46	47	48	49	50	51	51	52	52	53	53	54	54	10.0																									
	10.5	-	-	2	5	8	11	14	16	19	21	23	25	27	28	30	32	33	34	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51	52	53	54	55	10.5																									
	11.0	-	-	-	2	5	8	10	13	15	18	20	22	24	26	27	29	30	32	33	34	36	37	38	39	40	41	42	43	44	44	45	46	47	47	48	48	49	50	50	11.0																									
	11.5	-	-	-	-	1	4	7	10	12	15	17	19	21	23	25	26	28	29	31	32	33	35	36	37	38	39	40	41	42	42	43	44	45	45	46	47	47	48	48	49	11.5																								
	12.0	-	-	-	-	-	1	4	7	9	12	14	16	18	21	22	24	25	27	28	30	31	32	34	35	36	37	38	39	40	40	41	42	43	44	45	45	46	47	47	12.0																									
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	14.0	-	-	-	-	-	-	-	-	-	3	5	8	10	12	14	16	18	19	21	22	24	25	26	28	29	30	31	32	33	34	35	36	36	37	38	39	39	40	41	41	14.0																								
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[illegible]