

Document Title: VSA Humidity and Temperature Table		Part # and Rev. 14956	
		Release Date: 12/3/14	
Rev.	Description	Revision By	Date
Date -- Time	Uploaded file to repository in the Inserts folder. Available at http://publications.decagon.com . Please ask archivist for previous versions.	NJR	12/3/2014

Decagon and Production Filename:

http://manuals.decagon.com/Inserts/14956_VSA%20Humidity%20and%20Temperature%20Table.pdf

Paper: 60 lbs./89 g/m² white smooth finish

Final Paper Dimensions: 5.50 inch wide, 8.50 inch tall

Colors: Color printing

Printer Type: Laser Printer

Adhesive: Laminate with 7 mil 6 x 9 lamination Pouches 100 pk.

Special Notes: Pages are doubled sided, scored for folding

Illustrations are Ref Only ** Not to Scale **

Non-Condensing Conditions for VSA Testing

Non-Condensing Ambient Humidity Limit for Test Temperatures Below 25°C					
Ambient Temperature [°C]	15°C Test Temperature	17°C Test Temperature	20°C Test Temperature	23°C Test Temperature	25°C Test Temperature
16.0	93.8	100.0	100.0	100.0	100.0
17.0	88.0	100.0	100.0	100.0	100.0
18.0	82.6	93.9	100.0	100.0	100.0
19.0	77.6	88.2	100.0	100.0	100.0
20.0	72.9	82.9	100.0	100.0	100.0
21.0	68.6	77.9	94.0	100.0	100.0
22.0	64.5	73.3	88.4	100.0	100.0
23.0	60.7	69.0	83.2	100.0	100.0
24.0	57.1	64.9	78.4	94.1	100.0
25.0	53.8	61.2	73.8	88.7	100.0
26.0	50.7	57.6	69.5	83.6	94.2
27.0	47.8	54.3	65.6	78.8	88.8
28.0	45.1	51.2	61.8	74.3	83.8
29.0	42.6	48.4	58.3	70.1	79.1
30.0	40.2	45.6	55.1	66.2	74.6
31.0	37.9	43.1	52.0	62.5	70.5
32.0	35.8	40.7	49.1	59.1	66.6
33.0	33.9	38.5	46.4	55.8	62.9
34.0	32.0	36.4	43.9	52.8	59.5
35.0	30.3	34.4	41.5	49.9	56.3
36.0	28.7	32.6	39.3	47.2	53.3
37.0	27.1	30.8	37.2	44.7	50.4
38.0	25.7	29.2	35.2	42.4	47.8
39.0	24.4	27.7	33.4	40.1	45.3
40.0	23.1	26.2	31.7	38.0	42.9

This table shows the maximum advisable ambient humidity levels for the ambient room and test temperatures. Staying within these limits prevents condensation in and on the VSA. Operating in humidity and temperature conditions beyond these limits voids the VSA warranty and can damage the instrument. Please contact us if you have any questions or require any additional assistance.