

Document Title: ATMOS 22 Manual Pages		Part # 18219	
		Release Date: 11.15.2017	
Rev	Description	Revision By	Date
00	Created File	LAJ	11.15.2017
01	Updated Specifications	LAJ	1.6.2018
02	Add wind spike information	AS	1.16.2019
03	Edited according to DCO 02673	CSC	8.9.2019
04	Edited per https://app.asana.com/0/747632066803417/1141684913416158	CSC	1.31.2020
05	Updated specs per https://app.asana.com/0/747632066803417/1174729869988097	CSC	7.31.2020
06	Minor template style updates according to DCO 13597	RRK	1.2022
07	Update page 2 mounting spec from 0.25 to 1.25 per DCO 14694	RRK	4.2022

Production Filename:

[http://publications.metergroup.com/Manuals/18219 ATMOS22 Pages.pdf](http://publications.metergroup.com/Manuals/18219_ATMOS22_Pages.pdf)

Working Filename:

/Volumes/GoogleDrive/Team Drives/Product Number Library/18200-18299/18219

Dimensions: 12.5" wide x 8" tall (folded, 8"H x 6.25"W)

Colors: CMYK/Full color 4/4

Printer: electronic only

Material: Tabloid (11x17) Color Copy Digital

Finishing: Electronic Only

Image below is for reference only. Not to scale.

TABLE OF CONTENTS

1. Introduction.....	1
2. Operation	2
2.1 Installation.....	2
2.2 Connecting.....	3
2.2.1 Connect to METER Data Logger.....	4
2.2.2 Connect to Non-METER Logger.....	4
2.3 Communication	6
3. System.....	7
3.1 Specifications.....	7
3.2 Anemometer	10
3.3 Temperature Sensor.....	11
3.4 Tilt Sensor.....	11
3.5 Wind Speed and Direction Theory	12
3.6 Limitations	13
3.6.1 Snow and Ice Accumulation.....	13
3.6.2 Heavy Rain and Strong Wind.....	14
3.7 Measurements with METER Data Loggers	14
4. Service.....	15
4.1 Calibration.....	15
4.2 Cleaning and Maintenance.....	15
4.3 Troubleshooting.....	16