

Document Title: ATMOS 41 Rain Funnel Replacement Instructions		Part # 18339	
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Rev	Description	Revision By	Date
00	Created File	LAJ	4.10.2020
01	Update to ZSC section per DCO 12684 – ATMOS 41 Rain and Pyr replacement	LAJ	12.2021

Production Filename:

<http://library.metergroup.com/Instruction%20Sheets/>

Working Filename:

[/Volumes/GoogleDrive/Shared drives/Product Number Library/18300-18399/18339](#)

Dimensions: 8.5” x 11”

Colors: CMYK/Full color 4/4

Printer: Electronic only (posted on web site)

Material: Digital only

Image below is for reference only. Not to scale.

METER
ATMOS 41 RAIN FUNNEL AND PYRANOMETER REPLACEMENT

Tools Needed

Preparation

- Install New Rain Funnel
- Update PYR Calibration Factor
 - Update with a ZSC Bluetooth® Sensor Interface
 - Update with a ZL6 or EM60 Data Logger
 - Update with a PROCHECK Handheld Reader
 - Update with a Campbell Scientific Data Logger

Verify Rain Funnel Installation

Customer Support

Use the following instructions to install a replacement funnel and pyranometer for the ATMOS 41 All-in-One Weather Station. Please contact Customer Support to order the ATMOS 41 Funnel with pyranometer solar sensor.

TOOLS NEEDED

Data logger or handheld reader	METER ZSC, ZL6, EM60, PROCHECK, Campbell Scientific, Inc. (CSI) Must be capable of issuing 6D0-12 extended commands
Cable	
Micro-USB	Connect from laptop to ZL6 or EM60
USB-to-RS232	Connect from laptop to PROCHECK or CSI data logger
NOTE: ZSC does not require cables.	
Software	USB cable adapter driver (if applicable)
METER ZSC	ZENTRA Utility Module
METER ZL6 or EM60	ZENTRA Utility software
METER PROCHECK	TeraTerm software
CSI data logger	LoggerNet software
Sharp-pointed object	Use top/side tabs in when disconnecting pyranometer connector (e.g., ball-point pen)
Rain Funnel (PN 20200)	Has the new pyranometer (PYR) solar sensor installed NOTE: Part number 20209 is for the rain funnel model with waterproof connector and strain relief cable for all model newer than ATM-410026432. If an older model is needed, please request the older style from Customer Support.

PREPARATION

- Download the software needed to connect the ATMOS 41 with the new rain funnel to a laptop or smart device (phone, tablet).
- Carefully read this document all the way through.
Figure 1 shows an image of the new model with waterproof connector and cable strain relief and the old model.

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