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› TFA Dostmann Analogue Weather Station User Manual

TFA 20-3006-42

TFA Dostmann Analogue Weather Station

Model: 20-3006-42

Brand: TFA

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your TFA Dostmann Analogue Weather Station. This device is designed for indoor use and provides accurate readings for temperature, air pressure, and humidity at a glance.



Image: Front view of the TFA Dostmann Analogue Weather Station, showing the barometer dial at the top, and smaller thermometer and hygrometer dials at the bottom. The device features a silver chrome ring and a hanging loop.

Please read this manual thoroughly before using the weather station to ensure optimal performance and longevity of the product.

SAFETY INFORMATION

- This device is intended for indoor use only.
- Avoid placing the weather station in direct sunlight, near heat sources (e.g., radiators, fireplaces), or in areas with extreme temperature fluctuations, as this can affect accuracy.

- Do not expose the device to excessive moisture or immerse it in water.
- Handle the device with care. Avoid dropping or subjecting it to strong impacts.
- Keep out of reach of children.

PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x TFA Dostmann Analogue Weather Station (Model: 20-3006-42)
- 1 x Instruction Manual (this document)

SETUP

1. Unpacking and Placement

Carefully remove the weather station from its packaging. Choose a suitable indoor location for the device. For accurate readings, ensure the location is:

- Away from direct sunlight.
- Away from heat sources (e.g., radiators, vents, appliances).
- Not in an area with drafts or significant air currents.
- At a stable room temperature.

The device can be hung on a wall using the integrated hanging loop or placed on a flat surface.

2. Barometer Calibration

While the thermometer and hygrometer are generally pre-calibrated, the barometer requires initial adjustment to your local atmospheric pressure. This ensures accurate weather trend forecasting.

1. Obtain the current local atmospheric pressure reading for your exact location. This can typically be found from a reliable local weather service online (e.g., national weather agency website, local airport weather reports). Ensure you are looking for "sea level pressure" or "station pressure corrected to sea level" if available, as barometers are often calibrated to this standard.
2. Locate the small adjustment screw on the back of the weather station, usually near the barometer mechanism.
3. Using a small, flat-head screwdriver, gently turn the adjustment screw until the barometer needle points to the current local atmospheric pressure reading you obtained.
4. Tap the glass cover gently a few times to ensure the needle settles correctly. Re-adjust if necessary.

It is recommended to check and re-adjust the barometer periodically, especially if you move the device or notice significant discrepancies with local weather reports.

OPERATING THE WEATHER STATION

Your TFA Dostmann Analogue Weather Station provides three key environmental measurements:

1. Barometer (Air Pressure)

The large dial indicates atmospheric pressure in hPa (hectopascals) or mb (millibars). Changes in air pressure are key indicators of upcoming weather changes:

- **Rising Pressure:** Often indicates improving weather, such as clear skies and stable conditions.
- **Falling Pressure:** Often indicates deteriorating weather, such as clouds, rain, or storms.
- **Steady Pressure:** Suggests stable weather conditions.

Observe the direction and speed of the needle's movement over several hours to forecast local weather trends.

2. Thermometer (Temperature)

The lower right dial displays the ambient temperature in degrees Celsius (°C). This provides an accurate reading of the current room temperature.

3. Hygrometer (Humidity)

The lower left dial displays the relative humidity in percentage (%). This indicates the amount of moisture in the air. Ideal indoor humidity levels are typically between 40% and 60%.

MAINTENANCE

Cleaning

To clean the weather station, wipe the surface gently with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or chemical agents, as these can damage the finish or the internal components.

General Care

- Avoid exposing the device to extreme temperatures or sudden temperature changes.
- Do not disassemble the unit. This will void the warranty and may damage the precision instruments.
- Periodically check the barometer calibration against a reliable local source.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inaccurate Barometer Reading	Not calibrated to local pressure; device moved; internal mechanism stuck.	Re-calibrate the barometer using a reliable local weather source (see Setup section). Gently tap the glass cover to help the needle settle.

Problem	Possible Cause	Solution
Inaccurate Temperature/Humidity Reading	Device placed in unsuitable location (direct sunlight, near heat/cold source, drafts).	Relocate the weather station to a stable indoor environment away from direct influences. Allow time for the readings to stabilize.
Needle not moving	No significant change in environmental conditions; mechanism stuck.	Ensure there are actual changes in conditions. For barometer, gently tap the glass cover. If issues persist, contact customer support.

SPECIFICATIONS

Model Number	20-3006-42
Dimensions (D x W x H)	1.69" x 1.69" x 5.79" (43mm x 43mm x 147mm approx.)
Weight	200 grams (7.1 ounces)
Material	Plastic, Metal (Chrome finish)
Display Type	Analogue
Measurement Functions	Barometer (Air Pressure), Thermometer (Temperature), Hygrometer (Humidity)
Power Source	No external power required (mechanical/analogue)
Special Feature	Pre-Calibrated (except barometer, which requires initial user adjustment)



Images: "Made in Germany Quality Product" logo and TFA brand logo, highlighting the product's origin and manufacturer.

WARRANTY

Specific warranty terms and conditions for your TFA Dostmann Analogue Weather Station are typically provided at the point of purchase or included with the product packaging. Please refer to any enclosed warranty cards or contact your retailer for detailed information regarding warranty coverage and duration.

SUPPORT

For further assistance, technical support, or inquiries not covered in this manual, please contact the retailer where you purchased the product or visit the official TFA website for contact information.

Note: Always provide your product model number (20-3006-42) when seeking support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question