

Portable Bygro-Thermometer

Humidity Alert III

USERIGUIDE



Model 🕅 130 🗄

with Dew Point 1

Introduction

B0 01

Thanklyouffor selecting the Extech Model 19430. The B430 monitors that ive formidity, at the perature, and MAX-MIN the B430 as of the base of the base

Safety

General Safety

- Please read all safety and instructional information before lusing this product.
- o This product is intended for frome use only.
- o Unauthorized Expains, End of ications, State and Supported.
- This product is not intended for use in interded for use in interded for use in the interded of the interded for the interded of the interde

Caution! Resk @[] [] ury!

- Keepfhisproduct and its batteries but off the leach off children and pets.
- Batteries Must not be placed in fire, Short Brouited, Baken Boart, Bridscharged. Bisk of Brevelosion!
- Batteries Can De Latal II Swallowed. Contact medical Emergency Dersonnel II Batteries Ede II swallowed.
- Batteries Contain Marmful Edids. Weak Batteries Should Be Changed Est Soon as possible Ed.
 prevent Gamage Caused By Teaking Batteries.

Product Safety!

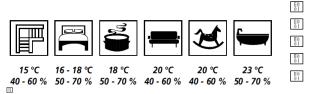
E0 01

- o Dolnot placethis product near extreme temperatures, Wibration, Stanock
- Never field aprobe directly in order fire 1
- o Dolliot immerselfheimetersinlähyliquid

Description

Meter Description 📰

- 1. Relative Bumidity Beading
- 2. Air Temperature Leading
- 3. Dew Point Reading (Td)
- 4. Humidity
- 5. Battery bompartment
- 6. Reset Button III
- 7. MIN-MAXButton
- 8. Meter stand
- 9. Alarm ON/OFF Witch (ear)
- 10. Temperature Whits Switch (Rear)
- 11. RHAarm Setting Switch (Hear)
- 12. Wall mount access mole dear)



Temperature and Humidity Hart (For general Ference Bhy)

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60
01
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Operation

Display Protective Foil

The COD Stap lay may include a protective foil covering. Carefully improve this film before lise.

Powering

Open the Battery Empartment By Siding the front Battery Empartment Ever Edwnward. If the II meter ISI new End Batteries Ene Installed, the Battery Insulation Strip Inust Be Peroved Before II use Softhat the Batteries En Inake Proper Encuit Extra and Power the Inter. If the Batteries II are Installed, please Insert two II 5V AA Batteries Friend End Proper Polarity. If

The instrument should now be powered up and relative numidity, temperature, and dew point in temperature should be displayed in the EOD.

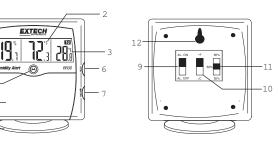


Ø

EUConsumers and Legally Bound By the Battery Ordinance to Leturn Lised Batteries 10 m community Edilection points of wherever Batteries Lacumulators are Edid. Disposal In m household frash Editeries Esprohibited.

Disposal: Follow the valid legal stipulations in respect of the disposal of the device at a the end of its firecycle.

2 H30-en-GB_v1.5



Mounting

The BH30 Ean be Wall mounted Bising the Fear Wall mount access hole brittean be placed an all desktop of the Surface Bising the Supplied Stand Base.

Selecting 100 °Funits of measure

Useffbeldear (center) 20 °F Switch folselect fbeldesired femperature limit of lineasure.

MAX-MIN and BOLD Function

The EH30 Stores the Light AX and Light Stores the Light S

Relative Bumidity (BH) Alert 🗊

The Alarm triggers an audiole tone and two visual alerts (frowning face symbol illuminates) and the arrow appears next for the full midity readout) when the BH acceds the value set by the sure. The finit switch on the rear (right) of the intervalue set for 55% (60% on 65% RH. 1)

When the BHieturns to the desired angel the audio be a term will a top sounding and the forwning and the forwning and the form of the arow will term in the work of the form of the form. The form of the form. The form of th

Practical Considerations

The **Ba**sics 🗄

The BH30ffbermo-hygrometer Monitors Embient Mom Conditions End Electric Sthelider When the control and the state of the St

Excessively in mid in an affect freath, promoting the formation of moisture and include. At the other extreme, excessively any normal can also affect freath by arying skin, mucous membranes, and arways. Pets, induseplants, wood flooring, antique firmiture, fine art, musical instruments, etc. are all affected by extremes in ambient conditions. Effective freating and investigation can help achieve a comfortable and healthy living environment and can also all for costs.

The **Be**nefits of **We**ntilation 🗄

For Boons that are too humid, wentilation at first may seem a Bad lidea in winter when but door air is also bold, bamp, and just as humid. Cold air however can absorb liftle of no moisture. In When cold air Enters all ving area it becomes warmer and can therefore absorb in uch more in water wapor; in only a few minutes the furnidity decreases.

Dew Point Temperature

Dew Roint Bawindow Into the Pationship Between Temperature and Aumidity. For Example, III air Is booled at alconstant absolute) humidity, the relative humidity will steadily increase to an maximum of 100% In the ar is booled further, the excess water wapor will separate in the form I of water applets. If the FH30 indicates and if temperature of 20°C (60°F) and a relative fumidity []] of 65% the dew-point temperature Will be 13.2°C (56°F). This means that fill walls of beilings man living area are booler [than 13.2°C (156°F), [the fair will bondense and form broplets bh the walls 1 and beiling surfaces. Mold and damp patches can lesult. In this same sample, when the relative humidity of the artisted % the dew point temperature is only 60 C43°F). Surfaces would have to a besignificantly colder for the artfolie achits dew point to form water droplets.

Tps & Achieving Optimum Ambient Optimum

- Check that the dew point temperature of walls at the Cosp F).
- o Do not switch off home heating completely when heaving the house.
- Ventilate for short periods only in all weather conditions even during can.
- Air Bomsby Opening Windows for a short fime only. Eartially Opened Windows for prolonged periods and hot weld the desired results, wasteledergy, and an further promote the growth at a mold.🔳
- o If Foom ar istool any last itends to be in winter). Fumidifier inits are flighty recommended since airing at the but door temperatures will tend to decrease fumidity further.

EU II E0 #1

Specifications

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Display	E0 01	Multi-function
Sensor	E0. 0 1	Precision Mumidity Sensor for Autok and accurate Meadings
Measurement	ange	Pelative Aumidity: 10 10 99.0% AH
Air Temperature and III		
Dew Point Temperature: 1016050°C [14160122°F)		
Resolution	E0 01	0.1 🐨 即日 🕼 🕅
Humidity		±4%ff_0m_35%f6175%f6therwise135%
Temp. Accuracy		±1.0°C/@18°F).[[]
Power Supply	E0. 01	2 15 VAA Batteries
Dimensions	E0 01	95 \$ 125 \$195 \$5 mm (\$17 \$110 \$137") [1]
Weight	E0 0 1	90 🖟 🕅 2 🖾 .) 🖾 strument 🖏 ly, Batteries 🖾 t 🖾 cluded 📠 Weight Spec. 🗉
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