



A12P, A24P, A36P, A48P, A72P

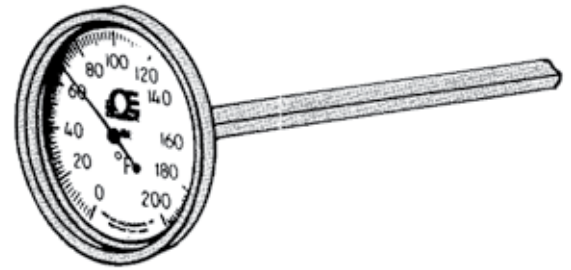
A12PF, A24PF, A36PF, A48PF, A60PF, A72PF

Compost Thermometers

**INSTRUCTION
SHEET**

M1543/0117

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GENERAL DESCRIPTION

The OMEGA® Compost Thermometer is ideally suited for monitoring interior temperatures of compost piles and windows. The clear, easy-to-read dial, with the pointer directly driven by the sensitive bimetal helix in the bottom of the stem, gives an accurate reading every time. These hardy thermometers are used by composters everywhere for such applications as waste disposal, recycling, and mushroom farming.

FEATURES

- 1/4" Diameter Stem or Sturdier 5/16" Diameter Stem
- Rugged, All Stainless Steel Construction
- Hermetically Sealed, Will Not Fog
- Easy-to-Read 3" Diameter Dial
- Exterior Reset Adjustment
- Available in °F or °C Scales
- Stem Lengths up to 72" Long

OPERATION

WARNING

The pointed stem of the thermometer is very sharp. Be careful when handling. Avoid bending the stem. A bent stem renders the instruments inoperable and non-repairable. OMEGA recommends keeping the thermometer stem in the PVC sheath when not in use.

When inserting the thermometer into a semi-solid such as compost, grasp the shaft about 6" back from the point, and push (DO NOT push the head of the thermometer - push on the stem only). Once the stem goes in 6", grasp the stem 6" farther back, and push again. Repeat until the stem is completely inserted; this method will avoid bending the stem.

The bimetal coil which senses temperature is in the bottom two inches of the stem, so if the stem is immersed 36" into a medium, it will indicate the temperature of the medium at a depth of 34 to 36".

For stems over 36", to avoid bending the stem, OMEGA recommends inserting the thermometer with its sheath on, through a pre-cored hole, and waiting three minutes before reading. Alternatively, you can remove the last three inches of sheath, to expose the end of the stem, and wait only 45 seconds.

Once the thermometer is inserted in the pile, wait at least 45 seconds before reading the temperature.

When you are finished using the thermometer, return it to its protective sheath.

Ranges/° Divisions			
Fahrenheit		Celcius	
0 to 100°F	1°	0 to 50°C	1/2°
23 to 125°F	1°	0 to 100°C	1°
-40-160°F	2°	-10 to 110°C	1°
0 to 200°F	2°	Dual	
0 to 250°F	2°	0 to 250°F/-20 to 120°C	2°

AVAILABLE MODELS

Stem Lengths						
	12"	24"	36"	48"	60"	72"
Model no. 1/4" dia. stem	A12P-(*)	A24P-(*)	A36P-(*)	A48P-(*)	A60P-(*)	A72P-(*)
Model no. 5/8" dia. stem	A12PF-(*)	A24PF-(*)	A36PF-(*)	A48PF-(*)	A60PF-(*)	A72PF-(*)

SPECIFICATIONS

ACCURACY:	±1% of full scale
MAX. HEAD TEMPERATURE:	200°F (93°C)
DIMENSIONS:	3" diameter dial; 1/4" or 5/16" diameter stem
DIAL:	Anodized aluminum
CRYSTAL:	Unbreakable plastic
STEM:	Type, 304 stainless steel
HEAD AND BEZEL:	Polished type 302 stainless steel



omega.com info@omega.com

Servicing North America:

U.S.A.

Headquarters:

Omega Engineering, Inc.
Toll-Free: 1-800-826-6342 (USA & Canada only)
Customer Service: 1-800-622-2378 (USA & Canada only)
Engineering Service: 1-800-872-9436 (USA & Canada only)
Tel: (203) 359-1660
Fax: (203) 359-7700
e-mail: info@omega.com

For Other Locations Visit

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WARRANTY/DISCLAIMER

OMEGA ENGINEERING, INC., warrants this unit to be free of defects in materials and workmanship for a period of **13 months** from date of purchase. OMEGA's WARRANTY adds an additional one (1) month grace period to the normal **one (1) year product warranty** to cover handling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product. If the unit malfunctions, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective, it will be repaired or replaced at no charge. OMEGA's WARRANTY does not apply to defects resulting from any action of the purchaser, including but not limited to mishandling, improper interfacing, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of having been damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components in which wear is not warranted, include but are not limited to contact points, fuses, and triacs.

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CONDITIONS: Equipment sold by OMEGA is not intended to be used, nor shall it be used: (1) as a "Basic Component" under 10 CFR 21 (NRC), used in or with any nuclear installation or activity; or (2) in medical applications or used on humans. Should any Product(s) be used in or with any nuclear installation or activity, medical application, used on humans, or misused in any way, OMEGA assumes no responsibility as set forth in our basic WARRANTY/DISCLAIMER language, and, additionally, purchaser will indemnify OMEGA and hold OMEGA harmless from any liability or damage whatsoever arising out of the use of the Product(s) in such a manner.

RETURN REQUESTS/INQUIRIES

Direct all warranty and repair requests/inquiries to the OMEGA Customer Service Department. BEFORE RETURNING ANY PRODUCT(S) TO OMEGA, PURCHASER MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM OMEGA'S CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence.

The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR **WARRANTY RETURNS**, please have the following information available BEFORE contacting OMEGA.

1. Purchase order number which the product was PURCHASED,
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

FOR **NON-WARRANTY RETURNS**, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA.

1. Purchase Order number to cover the COST of the repair,
2. Model and serial number of the product and
3. Repair instructions and/or specific problems relative to the product.

OMEGA's policy is to make running changes, not model changes, whenever an improvement is possible. This affords customers the latest technology and engineering.

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