METEOROLOGICAL INSTRUMENTS

YOUNG

Model 41301-5

6 Plate Gill Radiation Shield

REVISION: 04/90

WARRANTY AND ASSISTANCE

R.M. YOUNG PRODUCST are warranted by CAMPBELL SCIENTIFIC (CANADA) CORP. ("CSC") to be free from defects in materials and workmanship under normal use and service for **twelve (12) months** from date of shipment unless specified otherwise. CSC's obligation under this warranty is limited to repairing or replacing (at CSC's option) defective products. The customer shall assume all costs of removing, reinstalling, and shipping defective products to CSC. CSC will return such products by surface carrier prepaid. This warranty shall not apply to any CSC products which have been subjected to modification, misuse, neglect, accidents of nature, or shipping damage. This warranty is in lieu of all other warranties, expressed or implied, including warranties of merchantability or fitness for a particular purpose. CSC is not liable for special, indirect, incidental, or consequential damages.

Products may not be returned without prior authorization. To obtain a Return Merchandise Authorization (RMA), contact CAMPBELL SCIENTIFIC (CANADA) CORP., at (780) 454-2505. An RMA number will be issued in order to facilitate Repair Personnel in identifying an instrument upon arrival. Please write this number clearly on the outside of the shipping container. Include description of symptoms and all pertinent details.

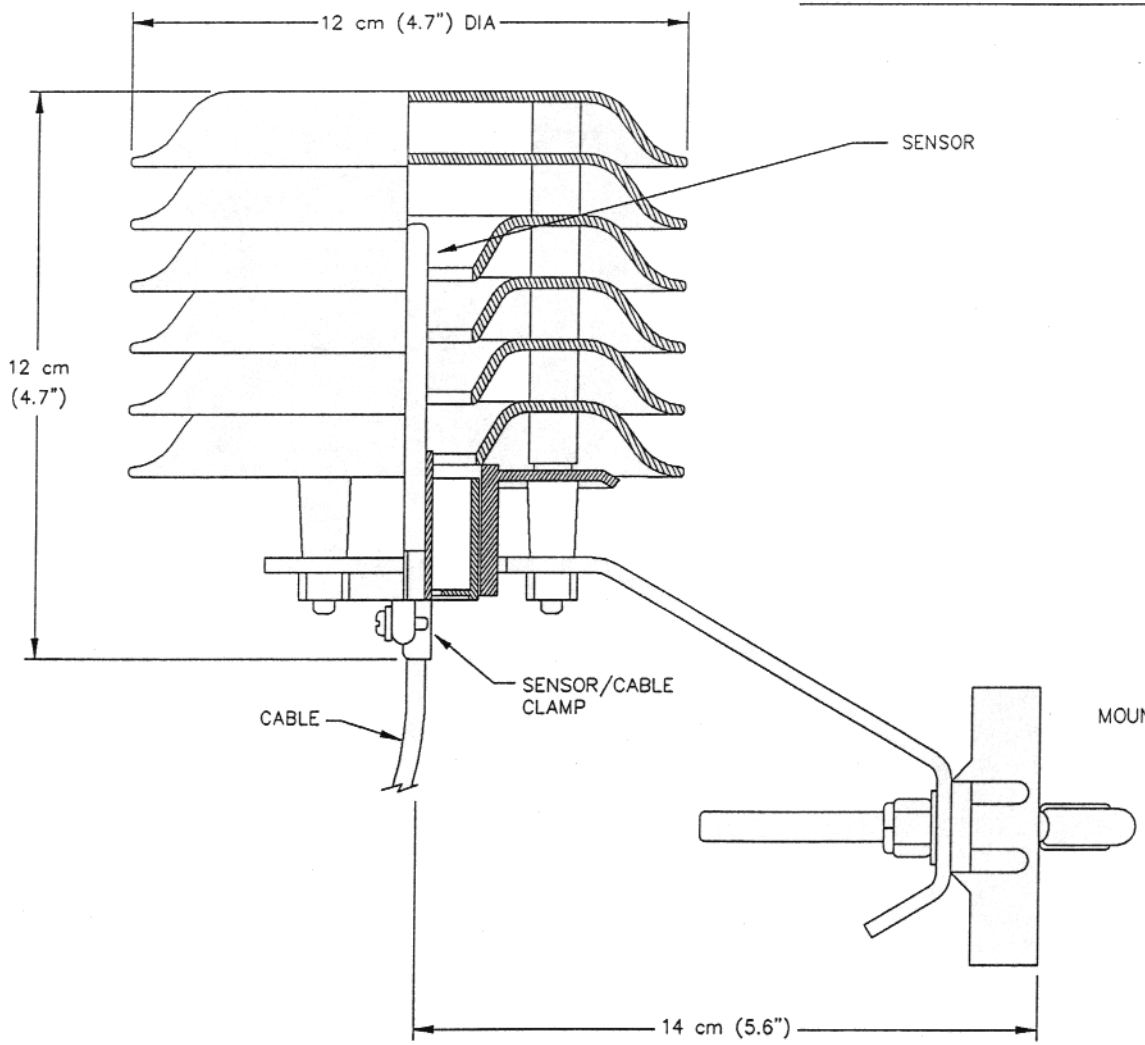
CAMPBELL SCIENTIFIC (CANADA) CORP. does not accept collect calls.

Non-warranty products returned for repair should be accompanied by a purchase order to cover repair costs.

CAMPBELL SCIENTIFIC
CANADA CORP.
11564 - 149 street - edmonton - alberta - T5M 1W7
tel 780.454.2505 fax 780.454.2655
www.campbellsci.ca

YOUNG

MODEL 41301-5 6 PLATE RADIATION SHIELD



3/4" TO 1 1/2" STANDARD IRON PIPE SIZE
(1.05" TO 1.90", 26.7mm, TO 48.3mm)

MODEL 41301-5	DWG A	PRD 05-86
6 PLATE RADIATION SHIELD	DWN KL	DWG 04-90
SECTION VIEW	CHK	S41301-5
R.M. YOUNG CO. TRAVERSE CITY, MI 49684 U.S.A. 616-946-3980		

REFERENCES – MULTI PLATE RADIATION SHIELD

References containing additional information about development and applications of the Gill Multi-Plate Radiation Shield are listed below in chronological order:

Gill, G.C., “Development of a Small Rugged Radiation Shield for Air Temperature Measurements on Drifting Buoys”, Report to NOAA Data Buoy Office for Development Contract #01-7-038-827 (IF), 1979, 23pp., 17 figs.

Gill, G.C., “Comparison Testing of Selected Naturally Ventilated Solar Radiation Shields”, Report to NOAA Data Buoy Office for Development Contract #NA-82-0A-A-266, 1983, 15pp., 15 figs.

Gammill, B., “Temperature Sensor Shield Comparison” Internal Test Report, Physical Science Laboratory, New Mexico State University, 1985.

Payne, R.E., “Air Temperature Shield Tests”, WHOI-87-40, Woods Hole Oceanographic Institution, 1987, 22pp.

Payne, R.E., “The MR: A Meteorological Data Sensing, Recording and Telemetering Package for Use on Moored Buoys”, Journal of Atmospheric and Oceanic Technology, Vol. 5, No. 2, 1988, pp. 286-297.

Crescenti, G.H., Payne, R.E., and Weller, R.A., “Improved Meteorological Measurements from Buoys and Ships (IMET): Preliminary Comparison of Solar Radiation Air Temperature Shields”, WHOI-89-46/IMET TR-89-03, Woods Hole Oceanographic Institution, 1989, 53 pp.

Weller, R.A., and Hosom, D.S. “Improved Meteorological Measurements from Buoys and Ships for the World Ocean Circulation Experiment”, Proceedings Oceans ’89, Seattle, IEEE, 1989, pp. 1410-1415.

Fougere, A.J., Brown, N.L., and Hobar, E., “Digital Output Temperature Sensing Module for Oceanographic & Atmospheric Measurements”, Proceedings Marine Instrumentation ’90, San Diego, Marine Technology Society, 1990, pp. 46-51.

Anderson, T., and Mattison, I., “A Field Test of Thermometer Screens”, Report 900426, Swedish Meteorological and Hydrological Institute, 1990, 15 pp., 19 figs.