

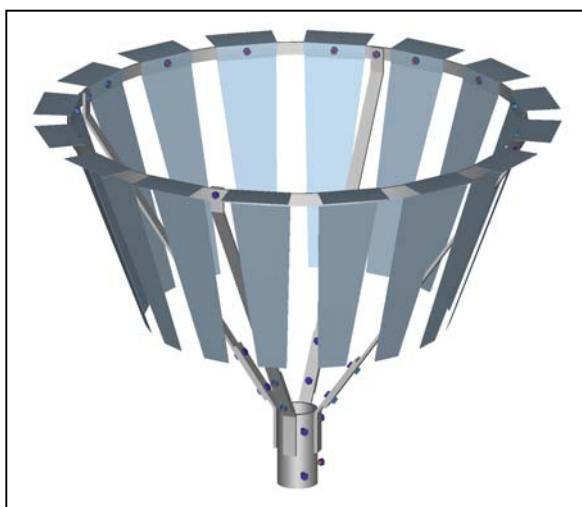
## Instruction for Use / Mounting Instruction

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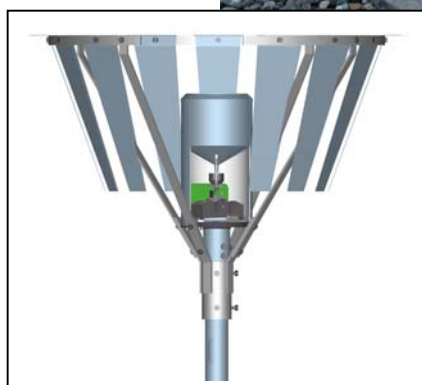
### ***Wind Protection Element***

5.4032.00.000

5.4032.00.001



Wind Protection Element



Wind Protection Element with Precipitation Transmitter and Stand

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### **Safety Instructions**

- Before operating with or at the device / product, read through the operating instructions. This manual contains instructions which should be followed on mounting.  
A non-observance might cause:
  - failure of important functions
  - Endangering of persons
  - Damages at objects
- Mounting of the device / product must be carried out only by a qualified technician who is familiar with and observes the engineering regulations, provisions and standards applicable in each case.
- Repairs and maintenance may only be carried out by trained staff or **Adolf Thies GmbH & Co. KG**. Only components and spare parts supplied and/or recommended by **Adolf Thies GmbH & Co. KG** should be used for repairs.
- **Adolf Thies GmbH & Co KG** guarantees proper functioning of the device / products provided that no modifications have been made to the device / product, and that the following points are observed:
- All information, warnings and instructions for use included in these operating instructions must be taken into account and observed as this is essential to ensure trouble-free operation and a safe condition of the device / product.
- The device / product is designed for a specific application as described in these operating instructions.
- The device / product should be operated with the accessories and consumables supplied and/or recommended by **Adolf Thies GmbH & Co KG**.

### **Environment**

- Make sure you retain packaging for storage or transport of products. Should packaging however no longer be required, arrange for recycling as the packaging materials are designed to be recycled.



### **Documentation**

- © Copyright **Adolf Thies GmbH & Co KG**, Göttingen / Germany
- Although this operating instruction has been drawn up with due care, **Adolf Thies GmbH & Co KG** can accept no liability whatsoever for any technical and typographical errors or omissions in this document that might remain.
- We can accept no liability whatsoever for any losses arising from the information contained in this document.
- Subject to modification in terms of content.
- The device / product should not be passed on without the/these operating instructions.

## Contents

1	Models available / Scope of delivery.....	3
2	Application .....	3
3	Mounting .....	4
4	Maintenance .....	5
5	Technical Data.....	5

## 1 Models available / Scope of delivery

Description	Order - No.	Suitable for:
Wind Protection Element	5.4032.00.000	Ombrometer 5.4031.xx.000 Precipitation transmitter 5.4032.... 5.4033... which are installed on a 1 ½" (Ø48mm) tube.
Wind Protection Element	5.4032.00.001	Ombrometer 5.4031.xx.000 Precipitation transmitter 5.4032.... 5.4033... which are installed on a 2" (Ø62mm) tube (order-no. 507537) with reduction 1 ½" (Ø48mm).

### Scope of delivery :

		5.4032.00.000	5.4032.00.001
Quantity	Description	Article- No.	Article- No.
1	Ring	503 793	503 793
16	Lamella	503 791	503 791
4	Connecting bar	503 796	503 796
1	Receptacle	503 797	508 919
28	Screw M8x20	300 870	300 870
28	Screw nut M8	300 451	300 451
16	Washer 9-16-2	501 530	501 530
4	Screw M8x25	300 427	300 427

## 2 Application

The wind protection serves as optional accessory for a Ombrometer or Precipitation Transmitter.

Ombrometers or Precipitation Transmitters acquires the different types of precipitation such as drizzle, rain, hail, snow, and mixed precipitation. A wind protection can be used for an extensively trouble-free acquisition of these precipitations. It provides for the precipitation falling nearly swirl-free through the measuring system.

### 3 Mounting

Precipitation transmitter / Ombrometer are generally mounted on a stand or a suitable tube. Before mounting of the wind protection the stand/tube should already been installed.

For assembling the wind protection a suitable place is necessary. We recommend to carry out the complete assembling at this place.

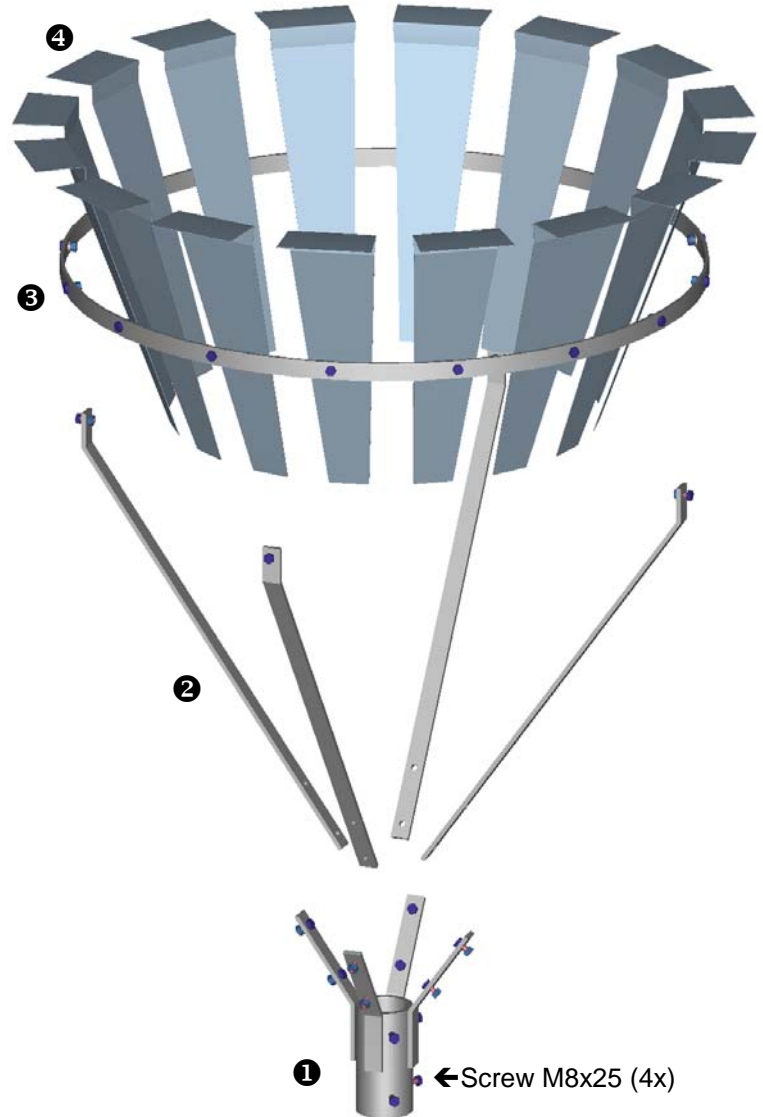
Procedure:

1. Please unpack wind protection parts.
2. Please mount receptacle **1**, connecting bars **2** and ring **3** with screws (M8x20).
3. Please mount lamella **4** with screws (M8x20) and discs at the ring.

**Remark:**

The discs must be situated **between** lamella and ring.

4. Please put the completely mounted wind protection on the available stand support or on the tube, respectively .
5. Afterwards, the precipitation transmitter/Ombrometer is to be mounted on a stand support. For this, please refer to the instruction for use „precipitation transmitter“.
6. Please loosen the screws (M8x25) at the receptacle **1**, and push the receptacle upwards against the bottom edge of the precipitation transmitter / Ombrometer. Re-tighten screws.



## 4 Maintenance

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Agitations, vibrations or the like might loosen the mounting. Therefore, we recommend to check the wind protection in certain intervals. The interval depends on the location and the expected load factor.

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**Remark:**

*Please pay attention also to the warning notices for the Ombrometer or Precipitation Transmitter.*

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## 5 Technical Data

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Dimensions	
Diameter	approx. 1000 mm
Length of lamella	approx. 520 mm
Total height	approx. 800 mm
Material	
Ring	Steel, zinc plated
Receptacle	Steel, zinc plated
Connecting bar	Steel, zinc plated
Lamella, Screws, Screws nuts	Stainless steel
Washers	Plastic
Weight	approx. 18 kg



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