



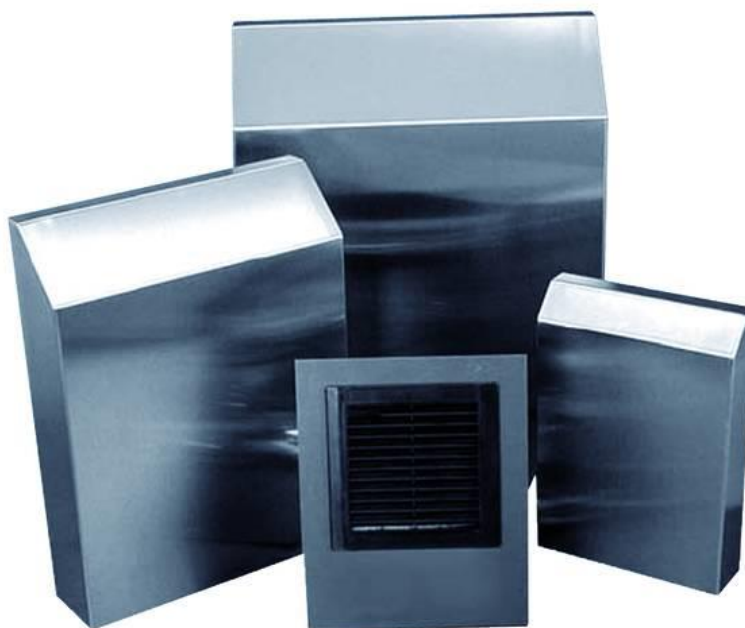
BU1 | THERMAL MANAGEMENT

Installation instructions weather protection hood IP56/Nema 3R for filter fan

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Pfannenberger Europe GmbH

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Pfannenberger Europe GmbH

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2 Weather protection hood

Pfannenberger weather protection hoods serve to increase protection against environmental influences such as heavy rain, snow, small animal infestation or when cleaning the housing with a strong water jet. The weather protection hood is available in different sizes in order to safely operate Pfannenberger filter fans even under extreme conditions. The hood is available in several versions - optionally in stainless steel or powder-coated sheet steel.

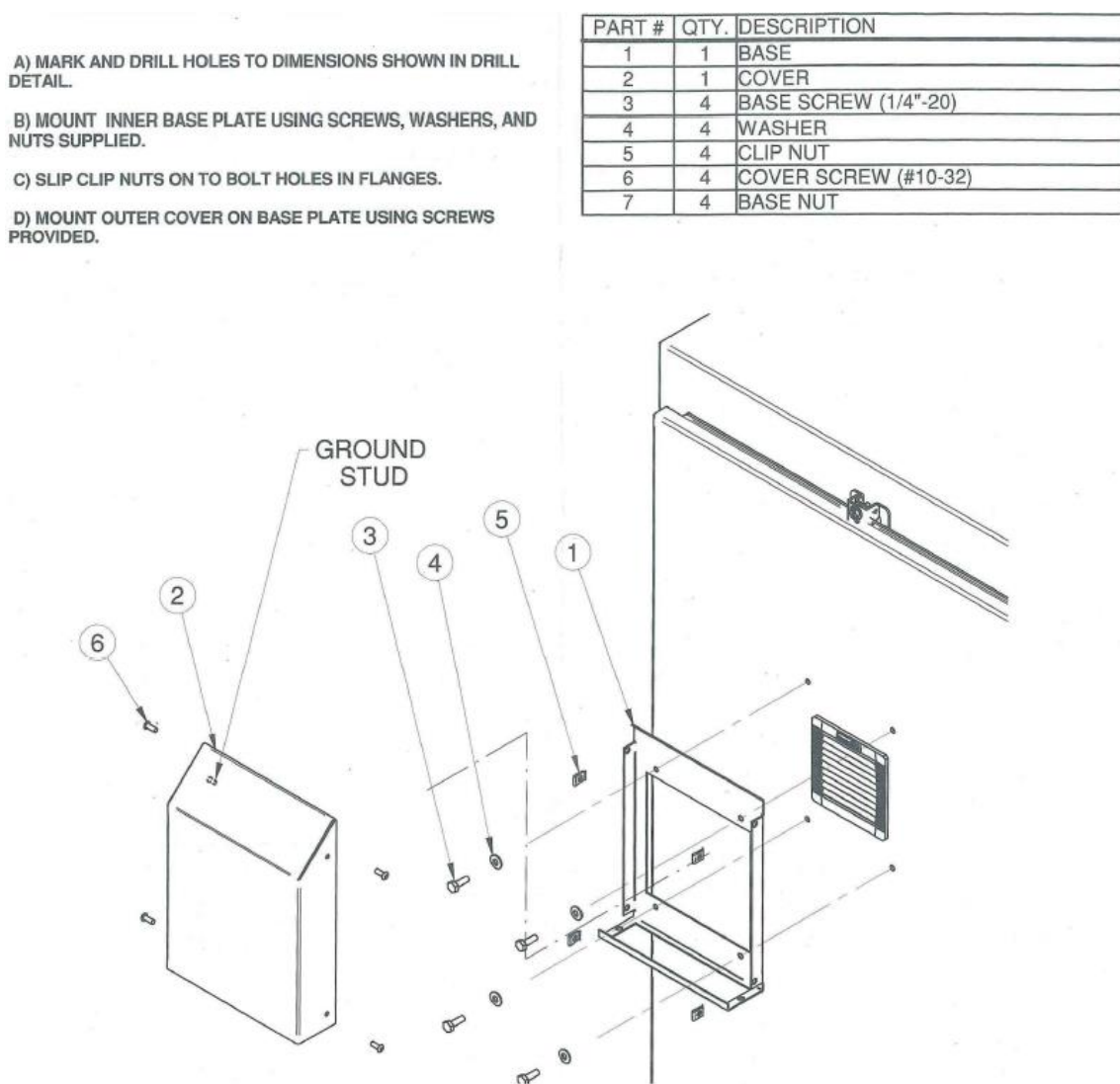


Figure 1: Exploded view of assembly

2.1 Content / Accessories

In addition to the hood and the mounting frame, the scope of delivery includes all mounting and sealing materials required for the installation:



Figure 2: Sealing Set



Figure 3: Set of Fasteners

3 Preparation

Different tools are used for the installation of the weather protection hood. The work should only be carried out by trained personnel that is familiar with the proper handling of tools in order to prevent a possible risk of injury through incorrect use. All adjacent electrical components must be disconnected from the power supply.

3.1 Tools

The required tools for installation are: Drilling machine, metal drill, Allen wrench, ratchet with matching attachment, wrench and a measuring tape to measure the correct distances.



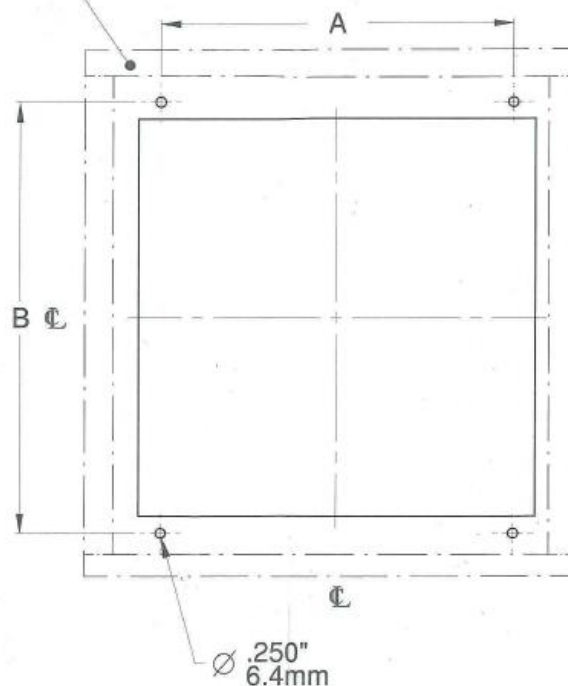
Figure 4: needed Tools

3.2 Hole pattern

In order to avoid unnecessary reworking, care must be taken to select the appropriate hole spacing for the respective weather protection hood. The dimensions for this can be found in the instructions supplied with the delivery.

INSTALL GASKET ON
BACK OF INNER BASE
PLATE

HOLE PATTERN



Suitable for	Hood size	Finish	Article No. Hood	A / Overall width [mm]	B / Overall height [mm]	Overall Depth [mm]
PF 11000 / PFA 10000	2	7035	18102000013	127 / 198	178 / 261	58
		VA	18102000014			
PF 22000 / PFA 20000	2	7035	18102000013	127 / 198	178 / 261	58
		VA	18102000014			
PF 32000 / PFA 30000	4	7035	18102000016	228,5 / 297	279,5 / 366	98
		VA	18102000017			
PF 4xx00 / PFA 40000	4	7035	18102000016	228,5 / 297	279,5 / 366	98
		VA	18102000017			
PF 6xx00 / PFA 60000	6	7035	18102000019	305 / 371	352,5 / 404	112
		VA	18102000020			

4 Mounting Instruction of weather protection hoods.



Figure 5: Drill hole pattern



Figure 6: prepare main frame



Figure 7: unwrap the sealing strips



Figure 8: stick sealing strips as to the main frame



Figure 9: Bolts for main frame



Figure 10: fasten 4x bolts for main frame



Figure 11: sheet metal threads



Figure 12: install 4x sheet metal threads



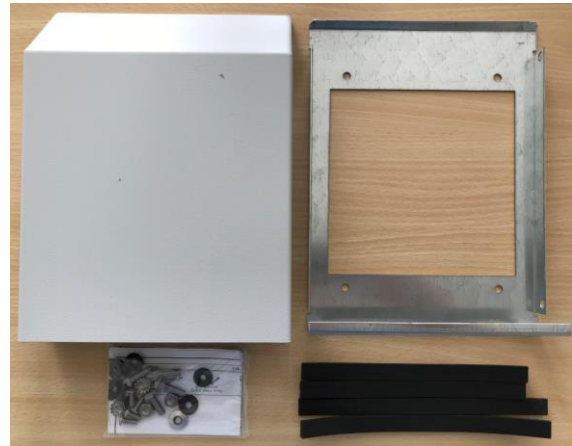
Figure 13: slide on weather protection hood on main frame from top downwards



Figure 14: secure weather protection hood by 4x lense head bolts.

5 Appendix

5.1 Scope of delivery PF-RH 20000 (18102000013) per 07.09.2018



5.2 Scope of delivery PF-RH 40000 (18102000016) per 07.09.2018



5.3 Scope of delivery PF-RH 60000 (18102000019) per 07.09.2018

