## Operating and Maintenance Instructions

1. You are advised to check the droplet separator prior to installation for any damages (transportation damages). Please report any defects immediately.

2. Droplet separators are shipped as a compact component. Please make sure that the direction of the arrow matches the direction of the airflow.
When installing a droplet separator with ventilator you need to make sure that the ventilator‘s direction of rotation matches the arrow indicating the proper rotational direction.

3. A droplet separator‘s connection should be realized with an approx. 1-1.5 m long connecting pipe, if possible, to ensure for a stable air supply.
If this is not possible, flange and arc need to feature the same cross sectional area as the droplet separator area.
The pipe diameter for the air outlet across the roof should not be reduced.

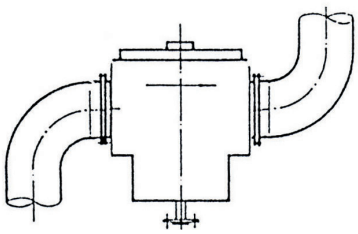
4. Beware: You can choose between droplet separator profiles extending upwards or sideways. This allows for best maintenance conditions.
When installing a droplet separator with ventilator, there should be left enough room for a possible removal of the ventilator motor from behind.

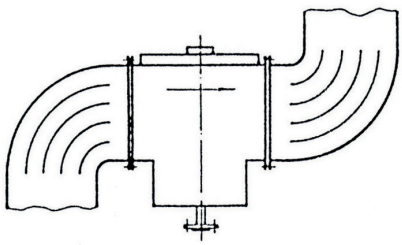
5. Condensate is discharged via a socket attached to the underside.

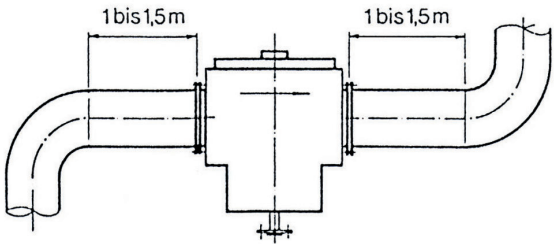
6. When operating the droplet separator at full capacity for long periods of time, we recommend the addition of a rinsing unit to guarantee for effective long-term operating conditions. The rinsing unit will keep the profiles extensively clean and allow the droplet separator to perform accordingly well.

7. The installation room should be frost-protected and UV-opaque for all systems made from plastics.
Exhaust air temperature should not exceed 80°C for droplet separators made from PPand 59°C for droplet separators with ventilator. For the droplet separator with stainless steel rotor the temperature limit is 80°C, and 95°C for a droplet separator made entirely from stainless steel.
Please check for waterproofness before first operation.

8. Specific maintenance intervalls are to be determined with regard to the droplet separator‘s actual operating mode. It can be minimized with the help of an integrated rinsing nozzle.
As a rule of thumb: The droplet separator resp. the droplet separator with integrated ventilator has to be checked for its functionality every 3 months, and cleaned, if necessary. The ventilator should be cleaned with water once a year.
The condensate overflow has to be checked for possible plugging which is then to be removed immediately.


incorrect


correct



correct