

# Commissioning Report

## Fan

Description:

Article no.:

Manufacturing order no.:

## Installer

Company:

Contact person:

Company address:

Tel. no.:

Email:

## Operator (Place of location)

Company:

Contact person:

Company address:

Tel. no.:

Email:

## Type of connection

Yes

No

Directly to mains



0-10V signal (ec motor)



via Contactor control



Transformer



Frequency converter



Sinus filter



Shielded cables



## Motor protection

Yes

No

Motor protection switch or Motor protection relay



PTC resistor



Resistance value [ $\Omega$ ]:

Thermal contact



Electrical motor protection



Others:

## Functional check

Yes

No

Impeller easily rotatable (by hand)



Rotation direction acc. to directional arrow



## Nominal data - Fan (name plate on fan housing)

Voltage [V]:

Current [A]:

Frequency [Hz]:

Power [kW]:

Fan impeller speed [1/min]:

**Measured data at commissioning**

Voltage [V]: \_\_\_\_\_

Current L1 [A]\*: \_\_\_\_\_

Current L2 [A]: \_\_\_\_\_

Current L3 [A]: \_\_\_\_\_

\*For single-phase fans, fill in line „Current L1 [A]“

Temp. of transported air [°C]: \_\_\_\_\_

Fan impeller speed [1/min]: \_\_\_\_\_

Air volume [m3/s]: \_\_\_\_\_

Differential pressure [Pa]\*: \_\_\_\_\_

\*Δ- Pressure between suction-side and blow-out of the fan

If an air flow measurement is not possible, this value can be calculated using the following formula:

$$\frac{\text{Duct cross-section [m}^2\text{]}}{\quad} \times \frac{\text{Flow speed [m/s]}}{\text{Grid measurement acc. to VDI 2044}} = \text{Air volume [m3/s]:}$$

	Yes	No
Commissioning of the fan successful?	<input type="checkbox"/>	<input type="checkbox"/>

\_\_\_\_\_  
Date, signature Installer

\_\_\_\_\_  
Date, signature Operator

**Please keep the completed commissioning report in a safe place! In the case of a warranty, this can be requested by Systemair GmbH. This document can also be downloaded from our online catalogue.**

For technical questions, please contact the Technical Support of Systemair GmbH (tel. +49- 7930/9272 730).