

# Stream 100/125 EC S (125 spigot) P

Sound- and heat-insulated mixed flow duct fans with EC motor

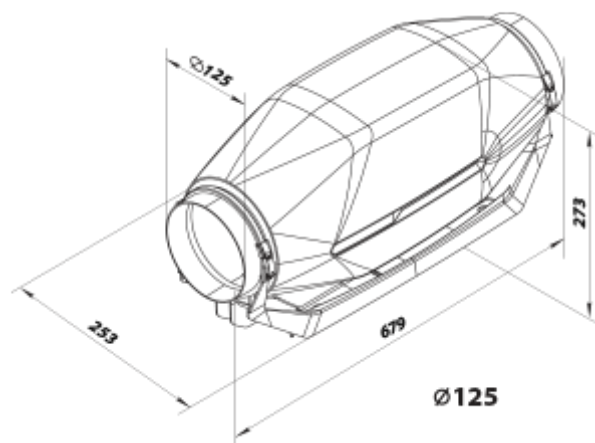
- Maximum airflow: 450
- Sound pressure level LpA at 3 m: 33
- Sound insulation
- Motor type: EC
- Control: Built-in speed controller
- Impeller type: Mixed
- Casing material: Plastic
- Installation in any position



|  | Unit of measurement     | Stream 100/125 EC S (125 spigot) P |
|--|-------------------------|------------------------------------|
| Connected air duct size                  | mm                      | 125                                |
| Speed                                    | -                       | 1                                  |
| Phases                                   | -                       | 1                                  |
| Minimum supply voltage                   | V                       | 230                                |
| Maximum supply voltage                   | V                       | 230                                |
| Power supply frequency                   | Hz                      | 50/60                              |
| Rated power                              | W                       | 39                                 |
| Unit current                             | A                       | 0.37                               |
| Maximum airflow                          | m <sup>3</sup> /h       | 450                                |
| rotation speed at 50hz                   | -                       | 3138                               |
| Sound pressure level LpA at 3 m          | dB(A)                   | 33                                 |
| Weight                                   | kg                      | 5                                  |
| Transported air temperature (max)        | °C                      | 55                                 |
| Transported air temperature (min)        | °C                      | -25                                |
| Ingress protection rating                | -                       | IPX4                               |
| Ingress protection rating of the drive   | -                       | IP44                               |
| ErP compliance                           | -                       | 2016, 2018                         |
| Cold - Specific energy consumption (SEC) | kWh/(m <sup>2</sup> /a) | 54.3                               |
| SEC Class Cold                           | -                       | A+                                 |











|  |                         |                      |
|--|-------------------------|----------------------|
| Average - Specific energy consumption (SEC)        | kWh/(m <sup>2</sup> /a) | 27.3                 |
| SEC Class Average                                  | -                       | B                    |
| Warm - Specific energy consumption (SEC)           | kWh/(m <sup>2</sup> /a) | 11.8                 |
| SEC Class Warm                                     | -                       | E                    |
| Unit category                                      | -                       | RVU                  |
| Type of ventilation unit                           | -                       | Unidirectional       |
| Type of drive installed                            | -                       | Variable speed       |
| Type of heat recovery system                       | -                       | None                 |
| Maximum flow rate                                  | m <sup>3</sup> /h       | 320                  |
| Electric power input                               | W                       | 39                   |
| Reference flow rate                                | m <sup>3</sup> /s       | 0.054                |
| Reference pressure difference                      | Pa                      | 50                   |
| Specific power input (SPI)                         | W/(m <sup>3</sup> /h)   | 0.077                |
| Control typology                                   | -                       | Local demand control |
| Maximum external leakage rates                     | %                       | 2.7                  |
| Cold - The annual electricity consumption (AEC)    | kWh/a                   | 41                   |
| Average - The annual electricity consumption (AEC) | kWh/a                   | 41                   |
| Warm - Jährlicher Stromverbrauch (JSV)             | kWh/a                   | 41                   |
| Cold - The annual heating saved (AHS)              | kWh/a                   | 5536                 |
| The annual heating saved (AHS) Average             | kWh/a                   | 2830                 |
| The annual heating saved (AHS) Warm                | kWh/a                   | 1280                 |
| Sound power level                                  | dB(A)                   | 54                   |
| Declared typology                                  | -                       | RVU UVU              |

## Dimensions






## Accessories

### Electrical heaters




| Name                           | Photo   | Description  |
|--------------------------------|---|--|
| <a href="#">NK 125-0,8-1 U</a> |    | Duct electric heater with temperature controller or control unit |
| <a href="#">NK 125-0,6-1 U</a> |    | Duct electric heater with temperature controller or control unit |
| <a href="#">NK 125-2,4-1</a>   |    | Duct electric heater   |
| <a href="#">NK 125-1,6-1</a>   |    | Duct electric heater   |
| <a href="#">NK 125-1,2-1</a>   |    | Duct electric heater   |
| <a href="#">NK 125-0,8-1</a>   |    | Duct electric heater   |
| <a href="#">NK 125-0,6-1</a>   |   | Duct electric heater   |
| <a href="#">NK 125-1,2-1 U</a> |  | Duct electric heater with temperature controller or control unit |
| <a href="#">NK 125-1,6-1 U</a> |  | Duct electric heater with temperature controller or control unit |
| <a href="#">NK 125-2,4-1 U</a> |  | Duct electric heater with temperature controller or control unit |

### For round ducts




| Name                      | Photo   | Description   |
|---------------------------|---|---------------|
| <a href="#">FB 125</a>    |  | Panel filters |
| <a href="#">FBK 125-4</a> |  | Pocket filter |
| <a href="#">FBK 125-5</a> |  | Pocket filter |

|                           |   |               |
|---------------------------|---|---------------|
| <a href="#">FBK 125-7</a> |  | Pocket filter |
|---------------------------|---|---------------|


### For round ducts

| Name                        | Photo   | Description   |
|-----------------------------|---|---|
| <a href="#">SR 125/1200</a> |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| <a href="#">SR 125/900</a>  |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| <a href="#">SR 125/600</a>  |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |



### For round ducts

| Name                     | Photo   | Description  |
|--------------------------|---|--|
| <a href="#">KOM 125</a>  |   | Spring-loaded backdraft damper for round ducts     |
| <a href="#">KOMu 125</a> |  | Spring-loaded backdraft damper for round ducts     |
| <a href="#">KR 125</a>   |  | Air damper for air flow control in round air ducts |

### Speed controllers

| Name                    | Photo   | Description                    |
|-------------------------|---|--------------------------------|
| <a href="#">R-1/010</a> |  | Speed controller for EC motors |

### Water heaters

| Name                      | Photo   | Description  |
|---------------------------|---|--|
| <a href="#">NKV 125-2</a> |  | Duct water heaters are designed for heating of supply air in round ventilation systems. They can be also applied in supply or supply and exhaust ventilating units |
| <a href="#">NKV 125-4</a> |  | Duct water heaters are designed for heating of supply air in round ventilation systems. They can be also applied in supply or supply and exhaust ventilating units |