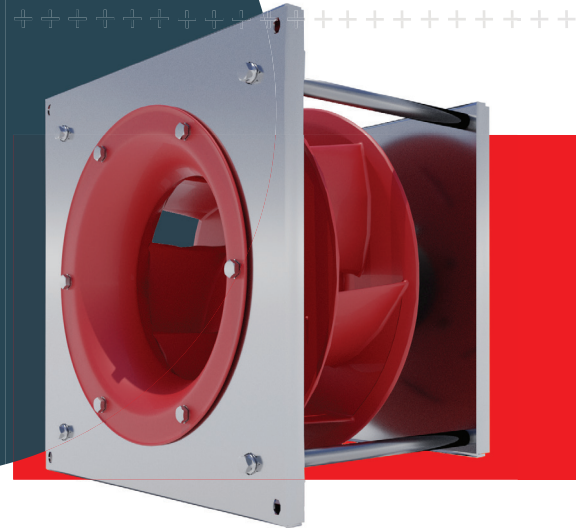
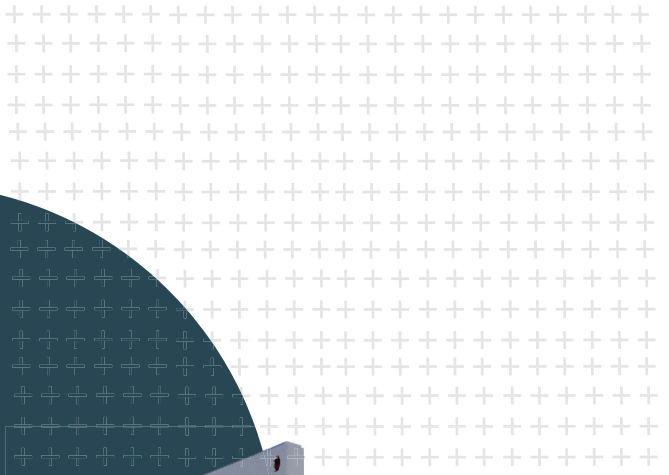


Fan Set



About the product

Fan systems are designed to move large volumes of air at medium to high pressures, and provide a sensible, cost-saving alternative to using a large, single fan system.

Features and benefits



Reduced Footprint

Fan sections shorter than a traditional unit with a single larger fan



Increased Redundancy

Should a fan or motor fail, the VFD can be adjusted to bring the array closer to, or back, to the design volume.



Lower Noise Output

Smaller direct drive fans produce higher frequency sound which is easier to attenuate, often eliminating the need for upstream and downstream sound attenuation



Simplified Maintenance

Smaller fans and motors are easier to remove and replace. No belts or pulleys to replace. More efficient air distribution. Direct drive fans eliminate drive loss from belts and pulleys. Reduced static loss due to elimination of sound attenuators and air blenders downstream sound attenuation



Uncomplicated Maintenance and Energy Savings

Repair or replacement of components normally doesn't require additional work. Very high system efficiency

EC motor



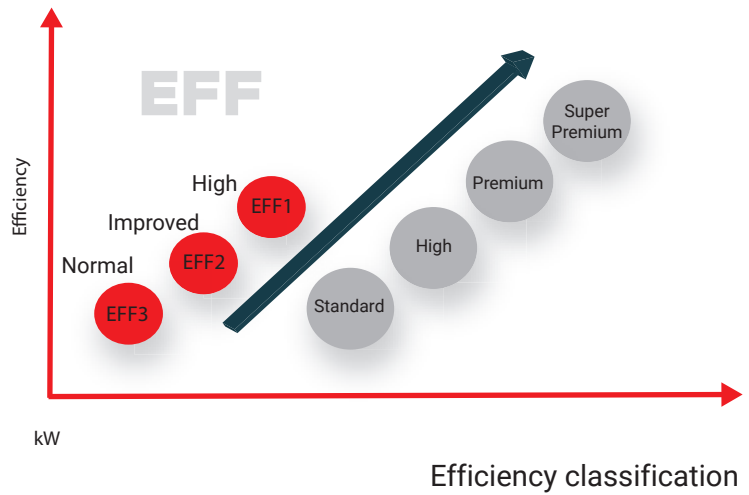
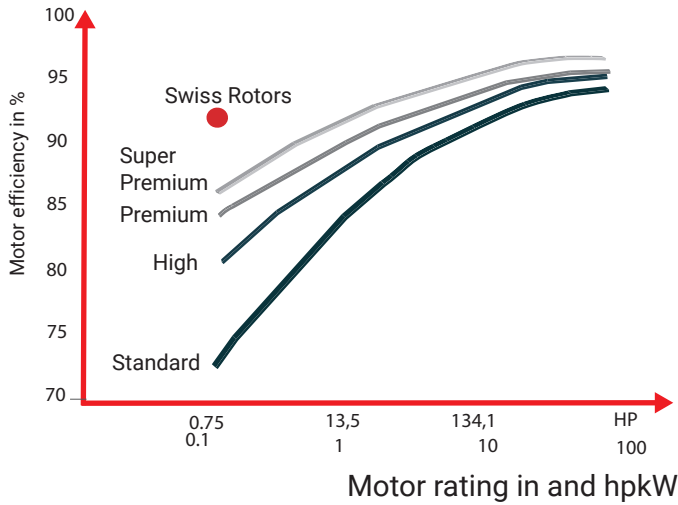
High efficiency of converting electrical power into mechanical.



High efficiency (practically constant) in the scope of speed control.



Motor efficiency



Size range

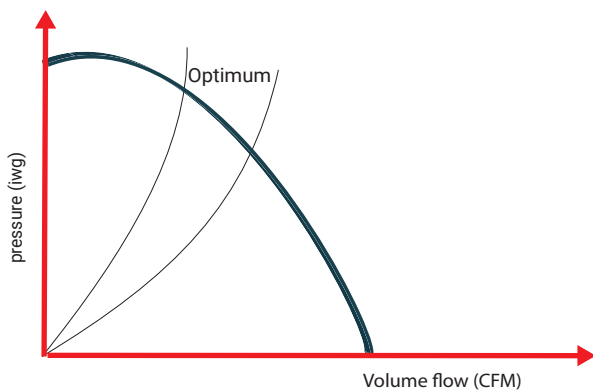
| Type | Size " | Power HP | Delta p lwg | Volume CFM |
|------------|--------|----------|-------------|------------|
| SR190/0,17 | 7.5 | 0.22 | 2.248 | 323 |
| SR225/0,37 | 8.8 | 0.5 | 2.509 | 718 |
| SR225/0,75 | 8.8 | 1.0 | 3.733 | 904 |
| SR250/0,37 | 9.8 | 0.5 | 2.408 | 803 |
| SR250/0,75 | 9.8 | 1.0 | 3.412 | 1180 |
| SR315/0,75 | 12.4 | 1.0 | 3.813 | 1236 |

*data and dimensions may be changed please contact for the individual drawing and data

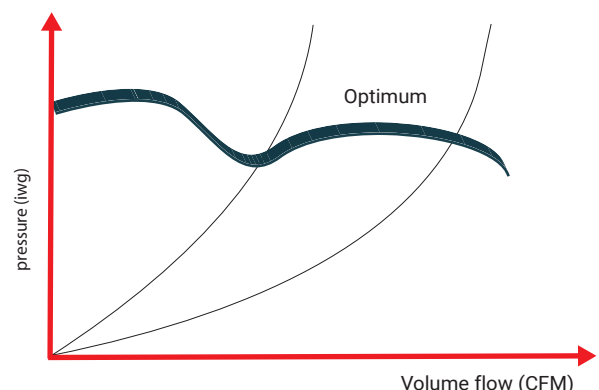
Efficiency



High volume flow rates, high efficiency, low acoustic power levels due to special three-dimensional blade geometry, reduced rotational tone. Ideally suited for low-pressure applications.



Backward curved fan operating range



Forward curved fan operating range

**Swiss Quality
Best Price
2 Weeks Lead
Time**

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