

CA/CF

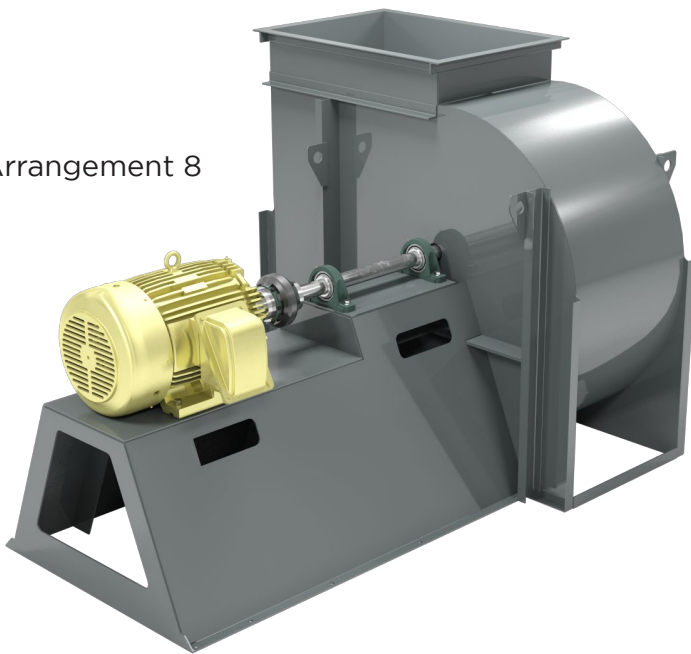
Direct Drive Industrial Blowers

Direct drive blowers provide reliability and reduced maintenance



Arrangement 4

Arrangement 8



Configuration Options:

- Class 1, 2, & 3
- Up to size 730
- 7 Discharge positions
- Airfoil (CA) or backward inclined (CF) wheels
- Units available up to 200 HP

Airfoil and Backward Inclined



Airfoil (CA) Wheel

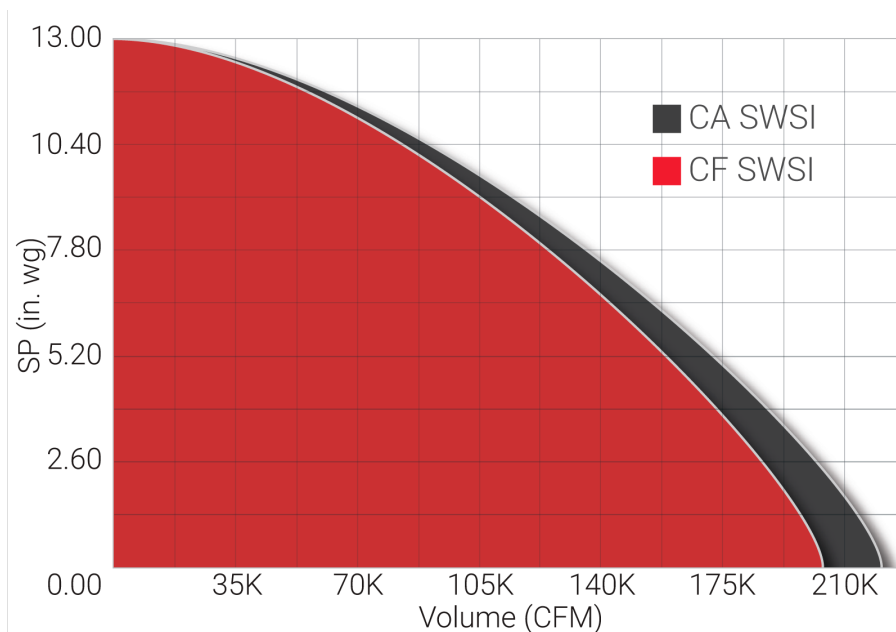
- Highest efficiency of centrifugal impeller designs
- 10 airfoil blades
- Primarily used in general HVAC systems
- Industrial use in clean air applications



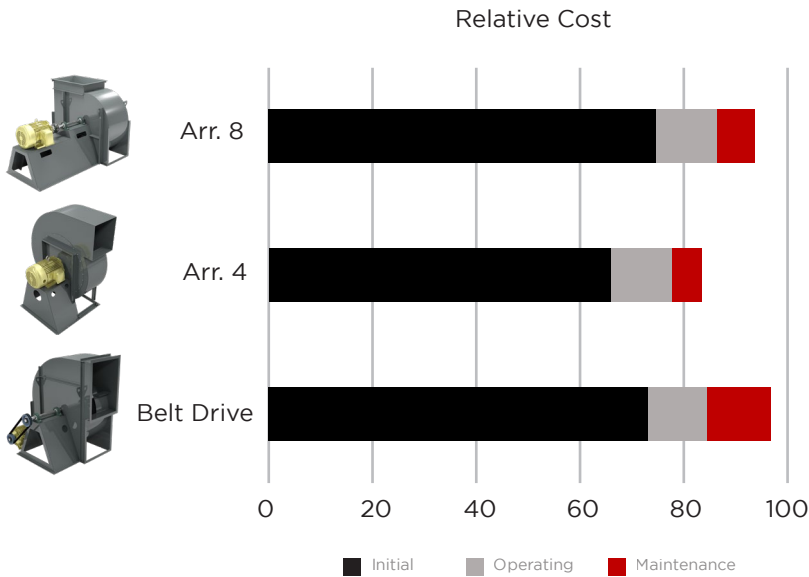
Backward Inclined (CF) Wheel

- Very good efficiency
- 10 single thickness blades
- Used in general HVAC and industrial process applications
- Industrial applications where airfoil blade is not acceptable due to a corrosive, humid or abrasive airstreams

Airflow Performance Ranges



Total Cost of Ownership



Maintenance looks at three key factors

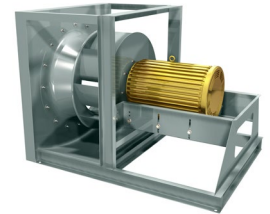
- Equipment inspection
- Bearing lubrication
- Belt tension and wear

For direct drive (Arrangement 4 & 8) about 7% of the total cost of ownership is related to maintenance. For belt drive, this increases to nearly 13%.

Other Industrial Direct Drive Solutions



AI



PLC Arrangement 4



Material Handler Arrangement 4



QMXD

Fan, Motor and VFD From ONE Source!

Loren Cook offers a complete line of VFD.



HVAC Drives

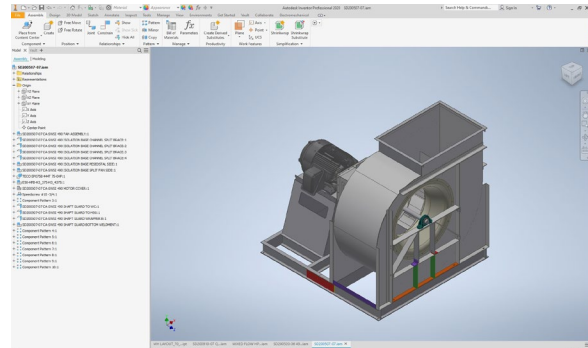


Micro-Drives

More Direct Drive Options

Have specialized direct drive applications?

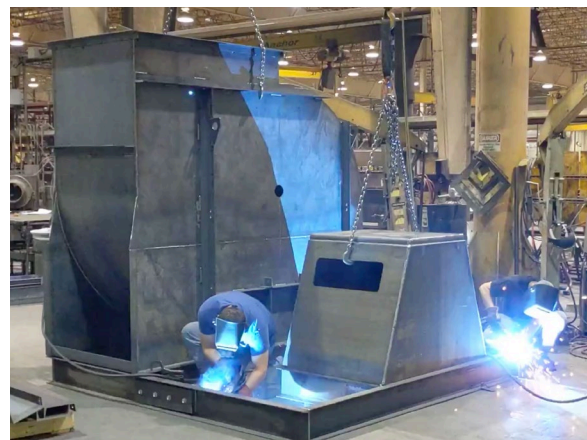
Cook designs, fabricates, welds, assembles, and delivers industrial blowers for your specialized requirements.



Utilizing the latest technology Cook designs and verifies the blowers and construction in a virtual environment.



Tested and ready to ship direct to you for your specialized projects.



Fabricated, welded and assembled in the USA.