

## Troubleshooting

### Problem and Potential Cause

#### Low Capacity or Pressure:

- Incorrect direction of rotation. Make sure the fan rotates in same direction as the arrows on the motor or belt drive assembly
- Poor fan inlet conditions. There should be a straight clear duct at the inlet
- Improper wheel alignment

#### Excessive Vibration and Noise:

- Damaged or unbalanced wheel
- Belts too loose; worn or oily belts
- Speed too high
- Incorrect direction of rotation. Make sure the fan rotates in same direction as the arrows on the motor or belt drive assembly
- Bearings need lubrication or replacement
- Fan surge

#### Overheated Motor:

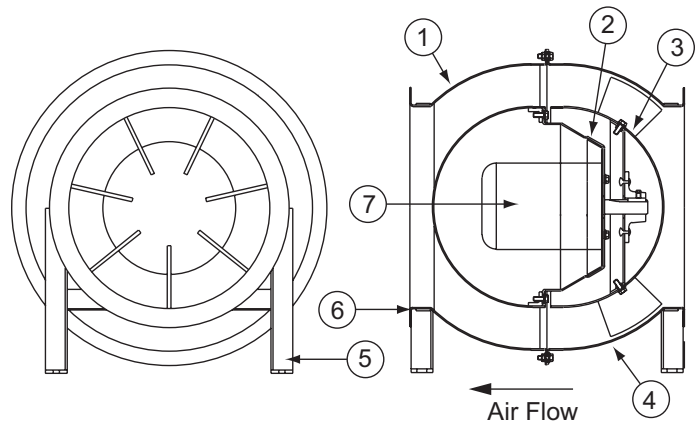
- Motor improperly wired
- Incorrect direction of rotation. Make sure the fan rotates in same direction as the arrows on the motor or belt drive assembly
- Cooling air diverted or blocked
- Improper inlet clearance
- Incorrect fan RPMs
- Incorrect voltage

#### Overheated Motor:

- Improper bearing lubrication
- Excessive belt tension

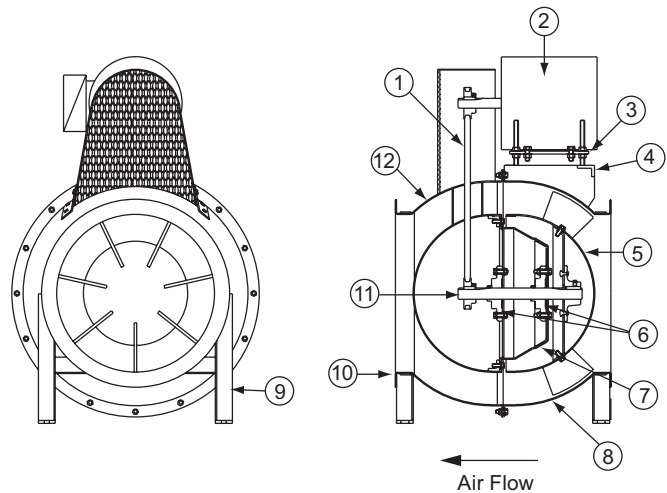
## Parts List

### CVD



Part No.	Part Description (Sizes 70-180)
1	Outer Discharge Housing
2	Motor Plate
3	Wheel Assembly
4	Outer Inlet Housing
5	Support Leg
6	Rubber Channel Isolator
7	Motor

### CVB



Part No.	Part Description (Sizes 12-36)
1	Belt Set
2	Motor
3	Motor Plate
4	Motor Plate Saddle
5	Wheel Assembly
6	Bearings
7	Bearing Plate
8	Outer Inlet Housing
9	Support Legs
10	Rubber Channel Isolator
11	Shaft
12	Outer Discharge Housing