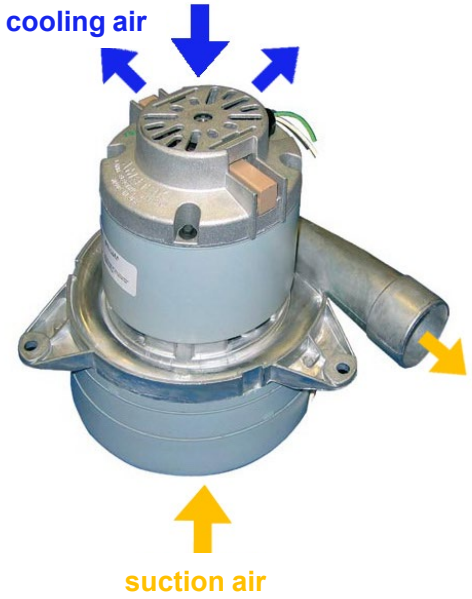
Vacuum Cleaner Motor

There are 2 Types of vacuum cleaner motors

Bypass-Motor

Peripheral Bypass

Tangential Bypass



Through-Flow-Motor

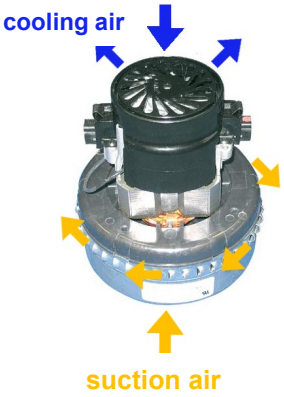
The number of superimposed fan wheels is indicated by the designation "single-stage", "two-stage" ... (bypass motor)

Vacuum Cleaner Motor

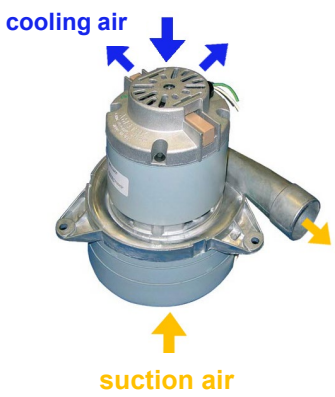
2 Types of vacuum motors

Bypass-Motor

Peripherial Bypass



Tangential Bypass



(+) Separation of suction/cooling air
- increased energy consumption
- Danger of dusty cooling air
- reduced suction power
- high sound level
- low efficiency

Through-Flow-Motor

(-) cooling air = suction air
+ optimized energy utilization
+ high + filtered amount of cooling air
+ optimized suction power
+ low sound level
+ higher efficiency

BVC
central vacuum cleaner

Performance Data

The indication of the electrical power consumption of the motor (for example: 1800 W)

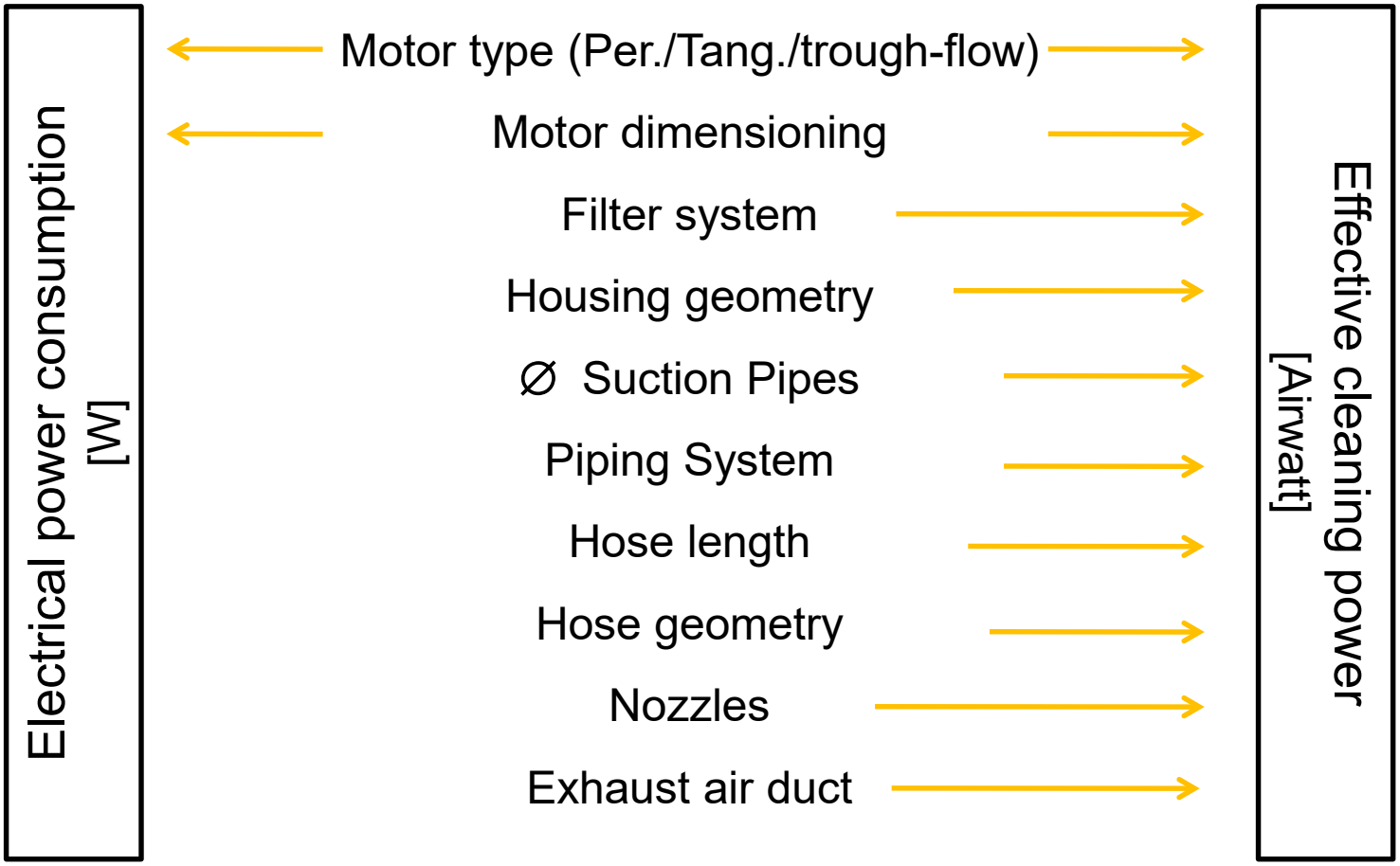
does not say anything

about the effective suction power of the vacuum cleaner!

Motor	≠	**Vacuum cleaner**
Electrical power consumption [Watt]		Effective cleaning [Airwatt]

Performance Data

The performance is influenced by



Performance Data

The calculation of performance is based on: