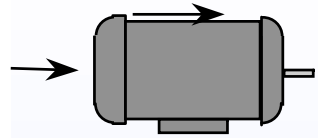
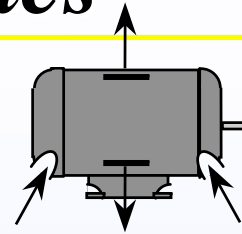


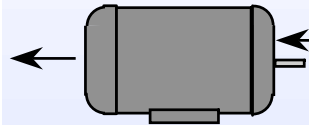
# Motor Ventilation Basics



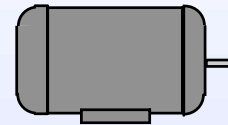
TEFC - External fan pulls air in thru fan cover and blows it over the exterior (only) surface of the motor.



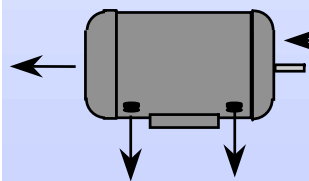
Cast Iron - Open Drip Proof



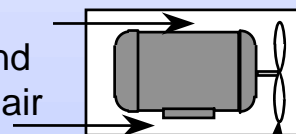
Open Drip Proof - Steel Band Internal Fan usually on D.E. of Baldor Motors (steel band) Pulls air in, blows air across windings, inside motor and air exits opp. drive end.



TENV - Totally Enclosed Non Ventilated Dissipates heat of frame and body of motor only. Run hotter and usually in larger frame size than standard.



Open Slotted Band - Steel Band Fan blades case in rotor draw air in, blow it over windings and exhaust it thru drive end.



Fan Housing (by others)

Fan Blade (by others)

Totally Enclosed - Air over motor is in air stream of fan mounted on motor shaft or in air stream of belt driven fan or blower. Usually required about 2000 ft./min air flow over motor to cool it.



**BALDOR**