

## ABSTRACT OF THE DISCLOSURE

A blower assembly includes a rotor assembly having a shaft and a stator assembly coupled to the rotor assembly. A shrouded fan assembly is coupled to the shaft so as to generate an air flow when the shaft rotates. A unitary diffuser having a fan side opposite a motor side, is included wherein the fan side is coupled to the shrouded fan assembly. The unitary diffuser has ports for transferring the air flow from said fan side to said motor side. The motor side has a stator wall that partially encloses the stator assembly and the rotor assembly. An end cap is coupled to the stator wall for further enclosing the stator assembly and the rotor assembly. The assembly also includes a plurality of termination boxes disposed about the periphery of the stator wall for terminating the wire windings of the stator assembly. The end cap has at least one tab, and the stator wall has at least one tab receptacle that slidably receives the tab. A spring is interposed between the end cap and the rotor assembly to bias the end cap into a secure position with respect to the stator wall.



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