



[File # 019467\\_0\\_000](#)  
(Class 4228-81)



[File # E10822](#)

Tiger-Vac is pleased to announce its new line of Regenerative Blowers with Premium Efficiency Explosion Proof Motors. These Motors are manufactured by Baldor®, a widely recognized company with many years of supplying high quality, high performance Explosion Proof Motors. The Regenerative Blowers are supplied by Tiger-Vac. With over 40 years of experience in the Explosion Proof Vacuum Cleaner industry our Blowers, combined with Baldor® Motors create a Motor/Blower combination suitable to be used in hazardous location. Baldor® Motors are certified by CSA and UL. both Tiger-Vac and Baldor® are ISO 9001:2008 certified.

- Manufactured in the USA - ISO 9001:2008 compliant
- UL/CSA compliant - Declarations of conformity on file
- Maximum Flow: 145 CFM
- Maximum Vacuum: >130" H<sub>2</sub>O
- Standard Motor: 2 HP, TEFC
- Cast aluminum Blower Housing, Impeller and Cover
- Cast aluminum Threaded Flanges. 1.5" F-NPT
- UL and CSA approved motor with permanently sealed ball bearings
- Inlet and Outlet internal muffling
- Quiet operation. dB(A) within OSHA standards
- For industrial applications
- Available with the ability to stand up to corrosive chemical processing. Baldor® Motors come standard already coated with a corrosion resistant epoxy finish. Tiger-Vac Regenerative Blowers can also be coated with an epoxy finish upon request.

### Specifications

Part Number	Horse Power	Blower Stage(s)	Maximum Airflow	Maximum Vacuum	Recommended VRV setting	Voltage @ 60Hz	Phase	Recommended Amp Setting for Overload
212771B	2 HP	1	145 CFM	>130" H <sub>2</sub> O	80" H <sub>2</sub> O	208-230V	1	12A
212771BE	2 HP	1	145 CFM	>130" H <sub>2</sub> O	80" H <sub>2</sub> O	208-230V	1	12A
212771A	2 HP	1	145 CFM	>130" H <sub>2</sub> O	80" H <sub>2</sub> O	230/460V	3	5.2/2.6A
212771AE	2 HP	1	145 CFM	>130" H <sub>2</sub> O	80" H <sub>2</sub> O	230/460V	3	5.2/2.6A
212771D	2 HP	1	145 CFM	>130" H <sub>2</sub> O	80" H <sub>2</sub> O	575V	3	2.1A
212771DE	2 HP	1	145 CFM	>130" H <sub>2</sub> O	80" H <sub>2</sub> O	575V	3	2.1A

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## Specifications Continued...

Part Number	Inlet & Outlet F-NPT Thread	Baldor Premium Efficiency Explosion Proof Motor Cat.#	XP Motor Class - Group	RPM	Nema	Weight (Motor + Blower)	Dimensions (Horizontal Mounting)	Capable of Vertical Mounting
212771B	1.5"	CL5031T	I - D, II - F & G	3450	145TC	N/A	N/A	Yes
212771BE	1.5"	CL5031T-E	I - D, II - E, F & G	3450	145TC	92 Lbs	H14"xW13"xL21"	Yes
212771A	1.5"	CEM7071T	I - D, II - F & G	3450	145TC	N/A	N/A	Yes
212771AE	1.5"	CEM7071T-E	I - D, II - E, F & G	3450	145TC	85 Lbs	H14"xW13"xL20.5"	Yes
212771D	1.5"	CEM7071T-5	I - D, II - F & G	3450	145TC	N/A	N/A	Yes
212771DE	1.5"	CEM7071T-E-5	I - D, II - E, F & G	3450	145TC	N/A	N/A	Yes

