



## VACUUM PLUMBING SYSTEMS

WEB DOCUMENT - <http://www.acornvac.com/Supermarkets/supermktvac-features.htm>

# ACORNVAC FEATURES VACUUM IN SUPERMARKETS

### What Makes the AcornVac Vacuum Center Unique?

	FEATURE	BENEFIT
COLLECTION TANKS	<b>Stainless Steel Construction</b>	Provides a <b>sanitary, long lasting, odor free installation without maintenance or service</b> requirements associated with the mechanical failures, contamination, corrosion or tank lining deterioration.
	<b>Dual Collection Tanks</b>	Provides vacuum storage plus <b>redundancy in waste collection</b> ; no requirement for additional contractor supplied vacuum storage piping, tanks or equipment.
	<b>Greater Waste Temperature Tolerance</b>	Suitable for collection of high temperature liquids.

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	FEATURE	BENEFIT
VACUUM PUMPS	<b>Rotary Dry Vane or Water Sealed Liquid Ring Vacuum Pumps in Range of Sizes</b>	Increased product range, allowing customer the opportunity to select a vacuum system suited to their unique requirements.
	<b>Liquid Ring Vacuum Pumps</b>	Provides <b>high operating efficiency and low operating cost</b> (supported by actual historical installation records).
		<b>Minimal maintenance</b> requirements and maximum operating life.
		<b>Low noise</b> emission.
		Defrost scheduling does not need to be coordinated with operation of the vacuum plumbing system.
	Minimum pump runtimes reduced to one minute, further <b>minimizing energy usage</b> .	

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SYSTEM CONTROLS	<b>Vacuum Transmitter in Lieu of Vacuum Switches</b>	Continuous monitoring of vacuum pressure; useful for accurate pump staging, <b>minimizing pump runtimes</b> and trouble shooting.
		Long-term stability; <b>less maintenance</b> and fewer calibration procedures.
	<b>Operator Interface Terminal with User Friendly System Controls</b>	Facilitates adjustment of system setpoints in field in order to provide <b>maximum system performance with minimal energy consumption</b> .
		Provides access to <b>historical data</b> including individual pump runtimes, system runtime and collection tank discharge cycles; useful in evaluating pump performance; system output and energy consumption trends.
	Allows store operations and maintenance personnel access to detailed alarm information; useful in <b>minimizing service time and expense</b> .	

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