

Smart Garage Ventilation System



Smart phones, smart buildings — **it's time for smart garages, too!**

Introducing **JetVent® Fans**

JetVent Fans' energy-efficient ventilation system dynamically adjusts fan speeds based on CO, NO₂, or temperature levels in the space.

A new step forward in garage induction ventilation systems, JetVent fans combine EC fan motors' advanced technology, digital controls and optional sensors to deliver the ultimate in energy efficiency and safety.



Integrated communications capabilities make JetVent fans simpler and less expensive to install.



JetVent Fans are brought to you by the fan experts at ZOO Fans® and Elta Group



JETVENT
FANS
Intelligent Ventilation

JetVent® Fans The Smart Garage Ventilation Solution

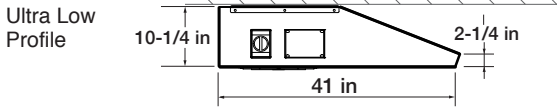
How It Works:

JetVent Fans and JetVent Induction Ventilation Systems operate on well-proven principles of **longitudinal tunnel ventilation engineering**. The fans produce **high-velocity jets of air** which, in turn, move a larger quantity of surrounding air through a process known as **entrainment**. The amount of air entrained increases with the **velocity and quantity** of air that is discharged by the fan.

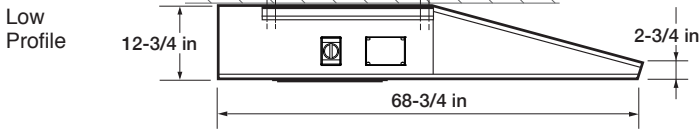
(N) These characteristics relate directly to the **thrust rating** of the fan, which is **measured in Newtons (N)**.

- > JetVent Fans deliver clean ventilation **more efficiently** and **more effectively** than ducted systems, impulse fans, and other induction fans.
- > JetVent Fans are **much quieter** than other garage ventilation fans, and produce **greater thrust** for longer air throw.
- > Fewer JetVent fans often do the job, which can **save money**.
- > **Integrated control capabilities** in the high-precision, German-engineered EC motors **simplify electrical, sensor, and control wiring** and are **easy to manage and monitor**, via BAS or the JetVent Control Center.
- > **The JetVent Control Center** communicates with the JetVent fans, sensors, detectors, and supply and exhaust fans to **dynamically control ventilation based on contaminant level** which can result in **significant energy savings**.
- > JetVent Fans range of **operating speeds** can be factory pre-set to **support building design** features and local conditions.

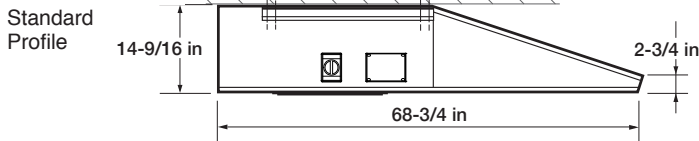
JVEC-ULP



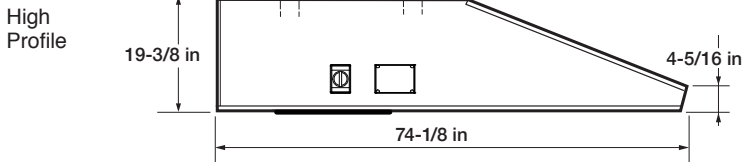
JVEC-LP



JVEC-SP

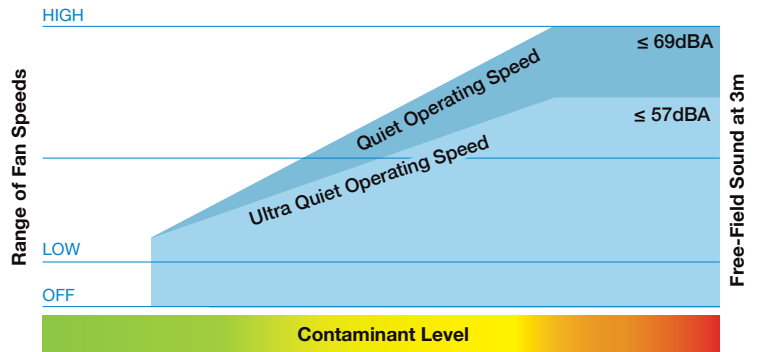


JVEC-HP



Dynamic Ventilation Rate

Based on Contaminant Level and Range of Preselected Operating Speed



Fan Selection, Spacing, and Coverage

Model	Operating Level	Thrust (Newtons)	Airflow (CFM)	Fan to Fan Spacing (feet)	Approximate Coverage Area (sq ft)	Free-Field Sound Rating* dB(A) @ 3m
JVEC-ULP	Ultra Quiet	23	1396	50 - 70	2,800	55
JVEC-LP	Quiet	46.8	3179	140 - 185	9,360	69
	Ultra Quiet	18.9	1971	75 - 100	3,780	57
JVEC-SP	Quiet	52.2	3475	150 - 200	10,440	64
	Ultra Quiet	28.4	2543	110 - 150	5,680	57
JVEC-HP	Quiet	98	6145	250 - 300	19,600	66
	Ultra Quiet	49	4132	145 - 190	9,800	57

Electrical Supply: JVEC-ULP 208V – 277V, 1-Ph 50/60Hz JVEC-SP 208V – 240V, 3-Ph 50/60Hz JVEC-HP 380V – 480V, 3-Ph 50/60Hz
 JVEC-LP 380V – 480V, 3-Ph 50-60Hz 380V – 480V, 3-Ph 50/60Hz

*Measured 3m from fan with multiple fans operating