



## MODEL COMPARISON

	 Quicke	 COMMANDO
Size	53 x 53 x 24 cm	64 x 64 x 26 cm
Weight with Battery	20 kg	26 kg
Weight without Battery	17 kg	20 kg
CFM AMCA Equivalent	19'000 m3/h	27'700 m3/h

### WHY BLOWHARD FANS USE INTEGRATED BATTERIES

Integrated batteries take up less space than hot-swappable batteries, allow for higher power transfer and thermal controls, and can be configured with a higher IP rating (water and dust proof).

- ❌ Hot-swappable batteries require more truck space for additional charges and require time to swap batteries.
- ❌ Hot-swappable battery connectors have power limitations.
- ❌ Hot-swappable batteries don't allow for thermal control.

With High Flow Jet Technology it would take 8-10 hot-swappable batteries (competitors) to equal one Commando at an equivalent performance setting.

For nearly 8 years BlowHard has been creating PPV products that elevate industry standards. The next revolution is here with High Flow Jet Technology, the PPV fan that works as hard as you do.



# THE NEXT REVOLUTION IS HERE.



info@blowhardfans.com  
+1.541.967.0063

# Quickee

from BlowHard



The lightweight PPV option with a punch. Featuring High Flow Jet technology.

- ✓ 53 x 53 x 24 cm
- ✓ 20 kg with battery
- ✓ 17 kg without battery
- ✓ 19'000 m<sup>3</sup>/h AMCA Equivalent (High Flow Jet Technology)
- ✓ IP-67 (yet to be formally tested)

# COMMANDO

from BlowHard



PPV fan with enough muscle for any job. Featuring High Flow Jet technology.

- ✓ 64 x 64 x 26 cm
- ✓ 26 kg with battery
- ✓ 20 kg without battery
- ✓ 27'700 m<sup>3</sup>/h AMCA Equivalent (High Flow Jet Technology)
- ✓ IP-67 (yet to be formally tested)

## Revolutionizing PPV with High Flow Jet Technology.

### WHAT IS HIGH FLOW JET TECHNOLOGY?

High Flow Jet Technology from BlowHard is higher jet pressure combined with higher entrainment. This allows for higher performance with less power.

### WHAT DO YOU MEAN HIGHER ENTRAINMENT AREA?

Entrainment is using the air stream to “seal” and drive air into an entrance. Higher entrainment values result in higher pressure inside a structure over an expanded area. Traditional fans using jet technology are able to build higher pressure but are often limited on effective area. Other traditional fans using cone technology utilize high area but have limited pressure. BlowHard’s innovative High Flow Jet technology utilizes “expanded” jet technology that provides better entrainment on the entryway, combining high jet pressure with an expanded working area.

### WHAT IS THE BIG DEAL ABOUT PRESSURE?

Traditionally CFM has been used as an indicator to determine a PPV fan’s effectiveness, and often times advertised values are given at zero pressure (AMCA). While CFM is important, air pressure increases in the structure created by that movement of air is what really pushes out fumes and smoke to ventilate the structure. BlowHard fans using High Flow Jet technology maximize pressure in a structure to provide maximum ventilation effectiveness.

**BLOWHARD**