PRODUCT MANUAL

AXIAL FLOW DRAFT FAN

Model: WK8025 – WK17251



CATEGORY

Cold Room Fans, Lamps & Heaters

MODEL

WK8025 – WK17251

ISSUE DATE

2026-11-19

1. Product Overview

AXIAL FLOW DRAFT FAN

The WK series is a compact axial fan for panel cooling, small condensers, refrigeration cabinets and electrical enclosures - the places where a small moving-air component is needed rather than a full fan assembly.

Nine frame sizes run from 80 x 80 x 25 mm up to 172 x 150 x 51 mm, so the range covers the standard cut-outs used on control panels and small equipment. Voltages are 115 V or 220 V at 50/60 Hz, power is 11 W to 37 W, airflow 17 to 160 CFM and noise 29 to 53 dB(A). The model code combines frame size, an A1 or A2 variant, the H marking, the bearing type (S for sleeve, B for ball) and the L suffix.

The bearing choice is the decision that matters most. Sleeve bearings are quieter and cheaper, and they are fine for equipment that runs intermittently in a clean, upright position. Ball bearings cost more but tolerate higher temperature, longer duty and, critically, any mounting angle - a sleeve-bearing fan mounted horizontally or upside down wears out quickly because the oil cannot stay at the bearing.

Weights run from 240 g to 950 g. All versions are supplied with lead wires and can be fitted with a finger guard or filter where the fan is accessible.

Selection is by the required airflow at the actual system resistance and by the space available - a fan rated 100 CFM free air will deliver far less through a filter and a louvre. Check the noise figure against the application: in a cold room the fan noise is masked, but in a shop cabinet it is not, and a 50 dB fan at close range is intrusive.

2. Key Features

- Compact axial fan for refrigeration and electrical cabinet cooling
- Sleeve bearing for economy, ball bearing for longer life and any mounting angle
- Nine frame sizes from 80 mm to 172 mm

3. Technical Specifications

Item	Specification
Model range	WK8025 / WK8038 / WK9225 / WK9238 / WK11025 / WK12025 / WK12038 / WK15050 / WK17251 |ûR ÿ • x ÿ WK + \:[ø + A1/A2 + H + Sˆ–b•/BnÚsà + Lÿ
Frame size	80×80×25 mm – 172×150×51 mm
Voltage / frequency	115 V or 220 V, 50/60 Hz
Power	11 – 37 W
Airflow	17 – 160 CFM
Bearing	Sleeve or ball
Noise	29 – 53 dB(A)
Weight	240 – 950 g

4. Commercial Terms

MINIMUM ORDER **1 set**	LEAD TIME **Negotiable**
SHIPPING PORT **Shanghai / Ningbo, China**	PLACE OF ORIGIN **China**
PAYMENT TERMS **T/T, L/C**	SUPPLY ABILITY **Negotiable**

5. Product Gallery









Contact us for a free quotation

Our engineering team replies within 24 hours with selection advice and an FOB / CIF quotation.



E-MAIL	hope@quitecoolhvacr.com
PHONE / WHATSAPP	+86 15258555916
WEBSITE	www.quitecoolhvacr.com
ADDRESS	NO.231,Jiaozhen Village, Ganlin Town Shengzhou City,Zhejiang Province,China