

Model Introduction

GHB H OD5 34 1R2

Goorui High-pressure Blower

H : high pressure series

G : ultra high pressure series

Horse Power (HP)

D : decimal point

voltage grade

11:1*110V 12:1*230V

32:Δ 110-115V/Y200-240V

34:Δ 200-240V/Y345-415V

36:Δ 345-415V/Y660-720V

housing code: 0-9

Installation

R: Random

L: Horizontal

W: Vertical

1: single stage A:Single stage with big airflow

2: double stage B:Double stage with big airflow

3: three stage C:Single stage with small pressure

Remarks:
1: The pressure is measured at the outlet of the blower.
Voltage stage: +5%
In compliance with UL and CSA 10%~45%
Frequency: +5%

Single Phase
1: The pressure is measured at the outlet of the blower.
In compliance with UL and CSA 10%~45%
Frequency: +5%

Unit Conversion

Power	
Beginning units	To Get
hp	Kw
Btu/h	Kw
Kw	hp
Kw	Btu/h
Length	
Beginning units	To Get
in	mm
ft	mm
mm	ft
in	ft

Pressure	
Beginning units	To Get
Pa	mbar
HPa	mbar
Kpa	mbar
mmH ₂ O	mbar
mm H ₂ O	mbar
all	mbar
inHg	mbar
PSI (lbf/in ²)	mbar
mbar	Pa
mbar	mmH ₂ O
mbar	mm H ₂ O
mbar	all
mbar	inHg
mbar	PSI (lbf/in ²)

Wide voltage, dual-frequency available all the world

GOORUI high pressure side channel blower adopting wide voltage range dual frequency 50/60Hz, IP54/IP55 (Insulation class F/H), CE/ROHS certificates approved, making them the ideal solution for world wide use. They can be used without any modifications and tests in Europe, America and Asia, etc. They are available to meet your demands at any time.

Working principle of Regenerative blower

The impeller of Goorui Regenerative Blower was directly installed to the motor, compress without contact. The bearing was out of turbine to make sure the stability.
Air gets in through inlet 1, then enters side channel 2, impeller will push the air under high speed. Meanwhile, centrifugalization makes the air speed outward and pressure rises. Air power increase under rotating, and the pressure rises further. At last, air gets out from outlet 4.

