

Installation, Operation and Maintenance Manual

Please read and save these instructions for future reference. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage!

Model CW Direct Drive

Model CW is a direct drive centrifugal sidewall exhaust fan. These fans are specifically designed for wall mounted application. Performance capabilities range up to 6,400 cfm (10,874 m^3/hr) and up to 3 in. wg (747 Pa) of static pressure. The maximum continuous operating temperature for fan sizes 098-200 is 400°F (204°C) and for fan sizes 060-095 is 160°F (71°C). CW fans are available in fourteen sizes with nominal wheel diameter ranging from 9 to 20 inches (229 mm to 508 mm) (060 - 200 unit sizes). Each fan shall bear a permanently affixed manufacturer's engraved metal nameplate containing the model number and individual serial number.



Model CWB Belt Drive

Model CWB is a belt drive centrifugal sidewall exhaust fan. These fans are specifically designed for wall mounted application. Performance capabilities range up to 12,500 cfm (21,200 m^3/hr) and up to 2.75 in. wg (685 Pa) of static pressure. The maximum continuous operating temperature is 400°F (204.4°C).

CWB fans are available in nineteen sizes with nominal wheel diameter ranging from 9 to 30 inches (229 to 762 mm) (098 - 300 unit sizes). Each fan shall bear a permanently affixed manufacturer's engraved metal nameplate containing the model number and individual serial number.

General Safety Information

Only qualified personnel should install this fan. Personnel should have a clear understanding of these instructions and should be aware of general safety precautions. Improper installation can result in electric shock, possible injury due to coming in contact with moving parts, as well as other potential hazards. Other considerations may be required if high winds or seismic activity are present. If more information is needed, contact a licensed professional engineer before moving forward.

DANGER

Always disconnect, lock and tag power source before installing or servicing. Failure to disconnect power source can result in fire, shock or serious injury.

CAUTION

When servicing the fan, motor may be hot enough to cause pain or injury. Allow motor to cool before servicing.

CAUTION

Precaution should be taken in explosive atmospheres.

1. Follow all local electrical and safety codes, as well as the National Electrical Code (NEC) and the National Fire Protection Agency (NFPA), where applicable. Follow the Canadian Electric Code (CEC) in Canada.
2. The rotation of the wheel is critical. It must be free to rotate without striking or rubbing any stationary objects.
3. Motor must be securely and adequately grounded.
4. Do not spin fan wheel faster than max cataloged fan RPM. Adjustments to fan speed significantly effects motor load. If the fan RPM is changed, the motor current should be checked to make sure it is not exceeding the motor nameplate amps.
5. Do not allow the power cable to kink or come in contact with oil, grease, hot surfaces, or chemicals. Replace cord immediately if damaged.
6. Verify that the power source is compatible with the equipment.
7. Never open access doors to a duct while the fan is running.

Greenheck Cwb User Guide

EW Minium



Greenheck Cwb User Guide:

The book delves into Greenheck Cwb User Guide. Greenheck Cwb User Guide is a vital topic that needs to be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Greenheck Cwb User Guide, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
 - Chapter 1: Introduction to Greenheck Cwb User Guide
 - Chapter 2: Essential Elements of Greenheck Cwb User Guide
 - Chapter 3: Greenheck Cwb User Guide in Everyday Life
 - Chapter 4: Greenheck Cwb User Guide in Specific Contexts
 - Chapter 5: Conclusion
2. In chapter 1, this book will provide an overview of Greenheck Cwb User Guide. This chapter will explore what Greenheck Cwb User Guide is, why Greenheck Cwb User Guide is vital, and how to effectively learn about Greenheck Cwb User Guide.
3. In chapter 2, this book will delve into the foundational concepts of Greenheck Cwb User Guide. This chapter will elucidate the essential principles that must be understood to grasp Greenheck Cwb User Guide in its entirety.
4. In chapter 3, the author will examine the practical applications of Greenheck Cwb User Guide in daily life. This chapter will showcase real-world examples of how Greenheck Cwb User Guide can be effectively utilized in everyday scenarios.
5. In chapter 4, the author will scrutinize the relevance of Greenheck Cwb User Guide in specific contexts. The fourth chapter will explore how Greenheck Cwb User Guide is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, this book will draw a conclusion about Greenheck Cwb User Guide. This chapter will summarize the key points that have been discussed throughout the book.

The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Greenheck Cwb User Guide.

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web step 4 the reactant that produces a smaller amount of product is the limiting reagent mg mg produces less mgo mgo than does o₂ o₂ 3 98 g mgo vs 25 2 g mgo therefore mg is the limiting reagent in this reaction step 5 the reactant that produces a larger amount of product is the excess reagent

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web if you start with 14.82 g of Ca(OH)_2 and 16.35 g of H_2SO_4 a determine the limiting reagent b determine the number of moles of H_2O produced c determine the number of grams of CaSO_4 produced d determine the number of grams of excess reagent left 1 make sure the equation is balanced

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