Please read and save these instructions for future reference. Read carefully before attempting to assemble, install, operate or maintain the unit. Failure to comply with instruction could result in personal injury and/or property damage!

## Typical Installation

**WARNING:** Always disconnect, lock and tag power source before installing and removing the fan. Failure to do so can result in fire, shock, serious injury or death. Move fan to the desired location and determine the position of the access door. Provide adequate wiring clearance for servicing the motor and blower assembly. Attach the fan to a suitable framework as specified. Use of optional hanging or base vibration isolators are recommended. Optional hanging isolators can be sized to support the weight of the fan only on the fan with belt-driven boxes. Separate support should be used for ductwork. Provide adequate wiring to permit the access door to open for servicing. Wiring should be secured and tagged power source. Provide adequate door opening clearance for removing the motor and blower assembly. Attach the fan to a suitable framework as specified. Use of optional hanging or base vibration isolators are recommended. Optional hanging isolators can be sized to support the weight of the fan only on the fan with belt-driven boxes. Separate support should be used for ductwork.

### Hanging or Base Mounts

<table>
<thead>
<tr>
<th>BCF Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>20</td>
<td>49</td>
<td>37</td>
<td>33</td>
</tr>
<tr>
<td>107</td>
<td>24</td>
<td>41</td>
<td>32</td>
<td>28</td>
</tr>
<tr>
<td>108</td>
<td>25</td>
<td>42</td>
<td>33</td>
<td>30</td>
</tr>
<tr>
<td>109</td>
<td>29</td>
<td>46</td>
<td>37</td>
<td>33</td>
</tr>
<tr>
<td>110</td>
<td>30</td>
<td>48</td>
<td>39</td>
<td>36</td>
</tr>
<tr>
<td>111</td>
<td>31</td>
<td>50</td>
<td>40</td>
<td>38</td>
</tr>
<tr>
<td>112</td>
<td>33</td>
<td>52</td>
<td>42</td>
<td>39</td>
</tr>
<tr>
<td>113</td>
<td>35</td>
<td>54</td>
<td>44</td>
<td>41</td>
</tr>
<tr>
<td>114</td>
<td>36</td>
<td>56</td>
<td>46</td>
<td>43</td>
</tr>
<tr>
<td>115</td>
<td>37</td>
<td>57</td>
<td>47</td>
<td>44</td>
</tr>
<tr>
<td>116</td>
<td>38</td>
<td>60</td>
<td>48</td>
<td>46</td>
</tr>
<tr>
<td>117</td>
<td>40</td>
<td>62</td>
<td>50</td>
<td>48</td>
</tr>
<tr>
<td>118</td>
<td>42</td>
<td>64</td>
<td>52</td>
<td>50</td>
</tr>
</tbody>
</table>

### Installation, Operation, and Maintenance Manual

Greenheck warrants this equipment to be free from defects in material and workmanship for a period of one year from the date of purchase. Any units or parts which prove to be defective during the warranty period will be repaired or replaced at our option when returned to our factory, transportation prepaid. Motors are warranted by the motor manufacturer for a period of one year. Should motors furnished by Greenheck prove defective during this period, they should be returned to the nearest authorized motor service station. Greenheck will not be responsible for any removal or installation costs. As a result of our commitment to continuous improvement, Greenheck reserves the right to change specifications without notice.

### Parts List

**BCF Sizes 206 thru 212**

- CABINET C
- SHAFT PULLEY B
- BEARINGS D
- BEARING SUPPORT C
- MOTOR BASE A
- BLOWER C
- SHAFT B
- MOTOR PULLEY E
- MOTOR SUPPO D
- DR. FRAME MOUNT A
- DR. FRAME ANGLES S
- TORSION ISOLATORS (4)
- BLOWER M
tor PULLEY Y
- BLOWER R
- VIBRATION ISOLATORS (8)
- DOOR T
- SHEET SUPPORTS D
- MOTOR D
- MOUNTING SOLUTION (5)
- MOTOR PULLEY Y
- SHAFT PULLEY B
- BEARINGS D
- BEARING SUPPORT C
- MOTOR BASE A
- BLOWER C
- SHAFT B
- MOTOR PULLEY E
- MOTOR SUPPO D
- DR. FRAME MOUNT A
- DR. FRAME ANGLES S
- TORSION ISOLATORS (4)
- BLOWER M
- motor PULLEY Y
- BLOWER R
- VIBRATION ISOLATORS (8)
- DOOR T
- SHEET SUPPORTS D
- MOTOR D
- MOUNTING SOLUTION (5)
- MOTOR PULLEY Y
- SHAFT PULLEY B
- BEARINGS D
- BEARING SUPPORT C
- MOTOR BASE A
- BLOWER C
- SHAFT B

### Fig. 1 - Mounting Dimensions

- **B**
- **C**
- **D**
- **A**

### Fig. 8 - Replacement Parts Single Blower

- **BCF Sizes 106 thru 112**
- **WARNING:** Always disconnect, lock and tag power source before installing and removing the fan. Failure to do so can result in fire, shock, serious injury or death. Move fan to the desired location and determine the position of the access door. Provide adequate wiring clearance for servicing the motor and blower assembly. Attach the fan to a suitable framework as specified. Use of optional hanging or base vibration isolators are recommended. Optional hanging isolators can be sized to support the weight of the fan only on the fan with belt-driven boxes. Separate support should be used for ductwork. Provide adequate wiring to permit the access door to open for servicing. Wiring should be secured and tagged power source. Provide adequate door opening clearance for removing the motor and blower assembly. Attach the fan to a suitable framework as specified. Use of optional hanging or base vibration isolators are recommended. Optional hanging isolators can be sized to support the weight of the fan only on the fan with belt-driven boxes. Separate support should be used for ductwork.

### Fig. 9 - Replacement Parts Double Blower

- **WARNING:** Always disconnect, lock and tag power source before installing and removing the fan. Failure to do so can result in fire, shock, serious injury or death. Move fan to the desired location and determine the position of the access door. Provide adequate wiring clearance for servicing the motor and blower assembly. Attach the fan to a suitable framework as specified. Use of optional hanging or base vibration isolators are recommended. Optional hanging isolators can be sized to support the weight of the fan only on the fan with belt-driven boxes. Separate support should be used for ductwork. Provide adequate wiring to permit the access door to open for servicing. Wiring should be secured and tagged power source. Provide adequate door opening clearance for removing the motor and blower assembly. Attach the fan to a suitable framework as specified. Use of optional hanging or base vibration isolators are recommended. Optional hanging isolators can be sized to support the weight of the fan only on the fan with belt-driven boxes. Separate support should be used for ductwork.
Pre-Starting Checks

WARNING: Disconnect and secure to the "OFF" position all electrical power to the fan prior to inspection or servicing. Failure to comply with the safety precaution could result in serious injury or death.

Check all fasteners for tightness. The slightest movement about bolt heads and nuts indicates that the bolts should be tightened. The fasteners should be checked on a regular basis to prevent serious injury or death.

Press and pull on all hinged components, such as a door, to the service panel. Once the fan has been put into operation, a periodic maintenance program should be set up to preserve the reliability and performance of the fan. Items to be included in this program are:

BELTS (DRIVING, MOTOR, FASTENERS, and WHEELS).

To access the fan motor, driven and blower sections remove the blower door assembly either by removing fasteners. The door supports for hinged access doors may need to be greased in accordance with manufacturer's recommendations or the manufacturer's nameplate. Do not force belts onto pulleys. The proper tension at which the belts will not slip. Belt tension should be checked after the first 24 hours of operation, after 100 hours of operation and periodically thereafter. Premium belt fasteners are frequently caused by improper belt tension (either too tight or loose) or misaligned pulleys. The proper tension for operating a fan is the lowest tension value at which the belt will not slip. Belt tension can be adjusted by loosening the fastener attaching the motor support plate and moving the plate toward the motor to increase the tension or away from the motor to decrease the tension. Once adjusted, belt fastenings should not be disturbed. A drive belt should not easily be pulled from away the blower housing.

Motor maintenance is generally limited to cleaning and lubrication (where applicable). Cleaning should be limited to exterior surface only. Removing dust and grease buildup on motor components should be done on a periodic basis. NEVER use a blower or vacuum to remove dust and grease buildup on motor components. Motors should be checked for irregular noise or overheating caused by dirt or oil buildup.

Greasing of the motor is only intended when fittings are provided. Many motors are permanently lubricated and should not be lubricated further. Motors equipped with grease fittings should be greased in accordance with manufacturer's recommendations or the manufacturer's nameplate. Use caution not to overload lubricants. Oil leakage could result in serious injury or death. Any fan vibration has a tendency to cause mechanical failure. A periodic inspection should include checking all fasteners and set screws for tightness prior to restarting the unit.

Troubleshooting

WARNING: Disconnect and secure to the "OFF" position all electrical power to the fan prior to inspection or servicing. Failure to comply with this safety precaution could result in serious injury or death.
Pre-Starting Checks

**WARNING:** Disconnect and secure to the "OFF" position all electrical power to the fan prior to inspection or servicing. Failure to comply with this procedure could result in serious injury or death.

Check all fasteners for tightness. The blower shaft should rotate freely and smoothly without binding, or the fan may be inadvertently left unattended and run for an extended period of time. Do not run the fan longer than a few seconds without being connected to the proper power source. If the fan is not properly aligned, motor coupling and bearing may need to be realigned. Be sure to check all fasteners including the fan housing to assure proper alignment.

**WARNING:** Never attempt to remove deflection using moderate thumb force. Thrust bearings should not be replaced or adjusted after 100 hours of operation. Excessive bearing wear and noise will result in premature belt failure. Belt tension should be checked after the first 24 hours of operation, after 100 hours of operation and periodically thereafter. Unbalanced bell housings are frequently caused by improper belt tension (either too tight or loose) or misaligned pulleys. The proper tension for operating all BCF units is the lowest tension at which the belt will not slip. Belt tension can be adjusted by loosening the set screws on the motor. A periodic loosening the four fasteners on the motor motor is only intended when belts are replaced. Motor motors are permanently lubricated and should not be lubricated further. Motors supplied with grease fittings should be greased in accordance with manufacturer’s or recommender’s instructions. Use caution not to oversaturate lubricant. Oil or spouses collect dust and grit which may obstruct motor cooling openings. Where motor temperatures do not exceed 10°F (5°C), the grease should be replaced after 2,000 hours of running time on a general-life basis.

**FASTENERS**

Any fastener has a tendency to loosen under mechanical forces. A periodic inspection should include checking all fasteners and fasten tightness for adequate support of hinged access doors before removing fasteners. The door supports weight of the motor, blower, and drive components. Belted access doors are provided on fan units. Bolted access doors do not support weight of any components.

**BELTS**

Belt tension should be maintained periodically for wear and tightness. When replacing belts, use the same type or size belt and always replace both belts at the same time. Replacing the belts, use the same type belt and always replace both belts.

**Fig. 4 - Wheel Rotation**

- **Defective motor.**
- **Incorrect belt tension.**
- **Unit running backwards.**
- **CAUSE**
- **REDUCED AIRFLOW**

- **Disconnect and secure to the "OFF" position all electrical power to the fan prior to inspection or servicing. Failure to comply with this procedure could result in serious injury or death.**

- **WARNING:** Never attempt to remove deflection using moderate thumb force. Thrust bearings should not be replaced or adjusted after 100 hours of operation. Excessive bearing wear and noise will result in premature belt failure. Belt tension should be checked after the first 24 hours of operation, after 100 hours of operation and periodically thereafter. Unbalanced bell housings are frequently caused by improper belt tension (either too tight or loose) or misaligned pulleys. The proper tension for operating all BCF units is the lowest tension at which the belt will not slip. Belt tension can be adjusted by loosening the set screws on the motor. A periodic loosening the four fasteners on the motor motor is only intended when belts are replaced. Motor motors are permanently lubricated and should not be lubricated further. Motors supplied with grease fittings should be greased in accordance with manufacturer’s or recommender’s instructions. Use caution not to oversaturate lubricant. Oil or spouses collect dust and grit which may obstruct motor cooling openings. Where motor temperatures do not exceed 10°F (5°C), the grease should be replaced after 2,000 hours of running time on a general-life basis.

**FASTENERS**

Any fastener has a tendency to loosen under mechanical forces. A periodic inspection should include checking all fasteners and fasten tightness for adequate support of hinged access doors prior to reactivating the unit.
Pre-Starting Checks

**WARNING:** Disconnect and secure to the "OFF" position all electrical power to the fan prior to inspection or servicing. Failure to comply with this safety precaution could result in serious injury or death.

Check all fasteners for tightness. The blower wheel should rotate freely and smoothly. Use a hand or finger to test the fan on momentarily to check for unusual vibration or noise. Do not run the fan more than a few seconds without being connected to the motor for which it was designed. Motor cooling and bearing may need to be monitored to determine whether they are functioning properly.

Direction of wheel rotation is critical. Reverse rotation will result in poor performance, rotor overload and possible burnout. Check wheel rotation by momentarily energizing the unit. Rotation is always in the same direction as airflow at the outlet. See Fig. 4.

**BELTS**

1. Belt tension should be checked after the first 24 hours of operation, after 108 hours of operation and periodically thereafter. Premature belt failures are frequently caused by improper belt tension (either too tight or loose) and misaligned pulleys. The proper tension for operating a V-type belt is the smallest deflection at which the belt will not slip. Belt tension can be adjusted by slightly loosening the motor mount fasteners. Figure 5 shows drive belts loosen guide point B in Fig. 5. Do not force belt or pulley out of alignment. Belt or pulley deflection should not exceed 1/64 inch (0.4 mm) at any point.

**WHEEL(S)**

It is very important that the pulley remains in proper alignment after adjustments are made. Misalignment could cause a whirring sound in the motor bearing, wear, noise, vibration and power loss. See Fig. 7.

**Fasteners**

Any fastener has a tendency to loosen over time. Mechanical fasteners. A periodic inspection should include checking all fasteners and nut and bolts for tightness prior to restarting the unit.

Dimensional Data

<table>
<thead>
<tr>
<th>BCF</th>
<th>Unit Dimensions</th>
<th>BCF with Filter Box Unit Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>107</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>108</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>109</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>110</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>112</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>206</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>208</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>210</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>212</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

All weights are lb (kg) with filters included. All weights with filter boxes are also included. Dimensions are in inches (mm). All weights are in lb. (kg) and unit weight is calculated with the largest Open Plenum Motor available.

Weight Information

<table>
<thead>
<tr>
<th>BCF</th>
<th>Unit Dimensions</th>
<th>BCF with Filter Box Unit Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>107</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>108</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>109</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>110</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>112</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>206</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>208</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>210</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>212</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

All weights are lb (kg) with filters included. All weights with filter boxes are also included. Dimensions are in inches (mm). All weights are in lb. (kg) and unit weight is calculated with the largest Open Plenum Motor available.

Pre-Starting Checks

**WARNING:** Disconnect and secure to the "OFF" position all electrical power to the fan prior to inspection or servicing. Failure to comply with this safety precaution could result in serious injury or death.

Check all fasteners for tightness. The blower wheel should rotate freely and smoothly. Use a hand or finger to test the fan on momentarily to check for unusual vibration or noise. Do not run the fan more than a few seconds without being connected to the motor for which it was designed. Motor cooling and bearing may need to be monitored to determine whether they are functioning properly.

Direction of wheel rotation is critical. Reverse rotation will result in poor performance, rotor overload and possible burnout. Check wheel rotation by momentarily energizing the unit. Rotation is always in the same direction as airflow at the outlet. See Fig. 4.

**BELTS**

1. Belt tension should be checked after the first 24 hours of operation, after 108 hours of operation and periodically thereafter. Premature belt failures are frequently caused by improper belt tension (either too tight or loose) and misaligned pulleys. The proper tension for operating a V-type belt is the smallest deflection at which the belt will not slip. Belt tension can be adjusted by slightly loosening the motor mount fasteners. Figure 5 shows drive belts loosen guide point B in Fig. 5. Do not force belt or pulley out of alignment. Belt or pulley deflection should not exceed 1/64 inch (0.4 mm) at any point.

**WHEEL(S)**

It is very important that the pulley remains in proper alignment after adjustments are made. Misalignment could cause a whirring sound in the motor bearing, wear, noise, vibration and power loss. See Fig. 7.

**Fasteners**

Any fastener has a tendency to loosen over time. Mechanical fasteners. A periodic inspection should include checking all fasteners and nut and bolts for tightness prior to restarting the unit.

Maintenance

**WARNING:** Before servicing or cleaning the unit, switch off power at the service panel and/or disconnect the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked in the "OFF" position, a disconnecting means must be installed in the line circuit as a safeguard, such as a lug, to the service panel.

Once the fan is installed and put into operation, a periodic maintenance program should be set up to preserve the reliability and performance of the fan, for example, the program may include:

- **BELTS (DRIVING, MOTOR, FASTENERS, AND WHEELS).** To access the fan motor, driven and blower motor requires removing the fasteners attaching the bottom access door and removing door carefully. Hinged access doors are provided on all wheel motors. Support should be provided for hinged access doors before removing fasteners. The door supports the weight of the motor, blower, and drive components. Bolted access doors are provided as fasteners 108, 110, 112, 206, and 212. Bolted access doors do not support weight of any component.

**BELTS**

Belts tend to stretch after a period of time. They should be checked periodically for wear and tightness. When replacing belts, use the same type of belt as supplied with the unit. Loosen belt tension by turning the adjusting screws. Some belts are bellows type. Do not force bolts on or off. This may cause costs to break, leading to premature belt failure. Once installed, adjust belts as shown in "Pre-Starting Checks," Fig. 4 and Fig. 7.

**MOTOR**

Motor maintenance is generally limited to cleaning and lubrication (where applicable). Cleaning should be limited to exterior surface only. Recontrolling and grease buildup on motor surfaces. Motors should not be submerged in water or solvents. Grease of the motor is only intended when fittings are provided. Many motors are permanently lubricated and should not be lubricated further. Motors supplied with grease fittings should be greased in accordance with manufacturers recommendations. Use caution not to over lubricate. Oil spillage collect dust and dirt which may obstruct motor cooling openings. Where motor temperatures do not exceed 104°F (40ºC), the grease should be replaced after 2,000 hours of running time as a general rule.

**FASTENERS**

Any fastener has a tendency to loosen over time. Mechanical fasteners. A periodic inspection should include checking all fasteners and nut and bolts for tightness prior to restarting the unit.

Troubleshooting

**WARNING:** Disconnect and secure to the "OFF" position all electrical power to the fan prior to inspection or servicing. Failure to comply with this safety precaution could result in serious injury or death.

**PRE-STARTING CHECKS**

1. Unit should be set up to preserve the best performance, motor overloading and possible burnout. Check the ductwork for rattles. Where motor temperatures do not exceed 104°F (40ºC), the grease should be replaced after 2,000 hours of running time as a general rule.

**WHEEL(S)**

Wheels should be inspected for dirt build-up and clean wheel if required. Check wheel rotation for dirt build-up and clean wheel if required. Check the ductwork for rattles. Where motor temperatures do not exceed 104°F (40ºC), the grease should be replaced after 2,000 hours of running time as a general rule.

**FASTENERS**

Any fastener has a tendency to loosen over time. Mechanical fasteners. A periodic inspection should include checking all fasteners and nut and bolts for tightness prior to restarting the unit.

**Weight Information**

<table>
<thead>
<tr>
<th>BCF</th>
<th>Weight</th>
<th>BCF with Filter Box</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>107</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>108</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>109</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>110</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>112</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>206</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>208</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>210</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>212</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

All weights are lb (kg) with filters included. All weights with filter boxes are also included. Dimensions are in inches (mm). All weights are in lb. (kg) and unit weight is calculated with the largest Open Plenum Motor available.

**Weight Information**

<table>
<thead>
<tr>
<th>BCF</th>
<th>Weight</th>
<th>BCF with Filter Box</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>106</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>107</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>108</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>109</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>110</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>112</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>206</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>208</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>210</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>212</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

All weights are lb (kg) with filters included. All weights with filter boxes are also included. Dimensions are in inches (mm). All weights are in lb. (kg) and unit weight is calculated with the largest Open Plenum Motor available.
WARRANTY

Greenheck warrants this equipment to be free from defects in material and workmanship for a period of one year from the date of purchase. Any unit or part which proves to be defective during the warranty period will be repaired or replaced at our option when returned to our factory, transportation prepaid. Motors are warranted by the motor manufacturer for a period of one year from the date of purchase. Any units or parts which prove to be defective during the warranty period will be replaced at our option when returned to our factory, transportation prepaid.

Typical Installation

WARNING: Always disconnect, lock and tag power source before installing fans. Failure to do so may result in injury or death.

Always disconnect, lock and tag power source before servicing. Failure to do so may result in injury or death.

WARNING: Always disconnect, lock and tag power source before servicing. Failure to do so may result in injury or death.

Installation, Operation, and Maintenance Manual

READ AND SAVE THESE INSTRUCTIONS

Parts List

• BCF Sizes 106 thru 112

• BCF Sizes 206 thru 212

Fig. 8 - Replacement Parts Single Blower

Fig. 9 - Replacement Parts Double Blower

Please read and save these instructions for future reference. Read carefully before attempting to assemble, install, or operate the fan. Failure to comply with instructions could result in personal injury and/or property damage!

NOTE: Fan can NOT be mounted vertically.

NOTE: Only four (4) hanging or base mounts required per unit.

NOTE: Fan can NOT be mounted vertically.

TABLE OF CONTENTS

1. Parts List

2. Fig. 1 - Mounting Dimensions

3. Fig. 8 - Replacement Parts Single Blower

4. Fig. 9 - Replacement Parts Double Blower

5. WARRANTY

6. Typical Installation


8. Parts List

9. Fig. 8 - Replacement Parts Single Blower

10. Fig. 9 - Replacement Parts Double Blower

READ AND SAVE THESE INSTRUCTIONS

Greenheck Fan Corp. 1101 S. Elm Lane, Ashland, Ohio 44805 © 2007

Parts List

• BCF Sizes 106 thru 112

• BCF Sizes 206 thru 212

Fig. 8 - Replacement Parts Single Blower

Fig. 9 - Replacement Parts Double Blower

Please read and save these instructions for future reference. Read carefully before attempting to assemble, install, or operate the fan. Failure to comply with instructions could result in personal injury and/or property damage!

NOTE: Fan can NOT be mounted vertically.

NOTE: Only four (4) hanging or base mounts required per unit.

NOTE: Fan can NOT be mounted vertically.

TABLE OF CONTENTS

1. Parts List

2. Fig. 1 - Mounting Dimensions

3. Fig. 8 - Replacement Parts Single Blower

4. Fig. 9 - Replacement Parts Double Blower

5. WARRANTY

6. Typical Installation


8. Parts List

9. Fig. 8 - Replacement Parts Single Blower

10. Fig. 9 - Replacement Parts Double Blower

READ AND SAVE THESE INSTRUCTIONS

Greenheck Fan Corp. 1101 S. Elm Lane, Ashland, Ohio 44805 © 2007

Parts List

• BCF Sizes 106 thru 112

• BCF Sizes 206 thru 212

Fig. 8 - Replacement Parts Single Blower

Fig. 9 - Replacement Parts Double Blower

Please read and save these instructions for future reference. Read carefully before attempting to assemble, install, or operate the fan. Failure to comply with instructions could result in personal injury and/or property damage!

NOTE: Fan can NOT be mounted vertically.

NOTE: Only four (4) hanging or base mounts required per unit.

NOTE: Fan can NOT be mounted vertically.
WARNING: Always disconnect and tag power source before installing or servicing. Failure to disconnect power source can result in fire, shock, serious injury or death.

Always disconnect, lock out and tag power source before installing or servicing. Supply wiring must be routed through knockouts which permit the access door to open for servicing. Wiring should be secured inside the fan to prevent interference with the drive components.

Separate support should be used for ductwork. Separate support should be used for ductwork. Separate support should be used for ductwork.

NOTE: Only four (4) hanging or base mounts required per unit.
NOTE: Fan can NOT be mounted vertically.

Parts List
- BCF Sizes 106 thru 112
- BCF Sizes 206 thru 212

Model BCF Belt Drive Centrifugal Cabinet Fans

Installation, Operation, and Maintenance Manual

READ AND SAVE THESE INSTRUCTIONS

Copyright © 2007 Greenheck Fan Corp.

IOM BCF Rev. 2 April 2007

Greenheck Fan Corp.

Parts List
- BCF Sizes 106 thru 112
- BCF Sizes 206 thru 212

Fig. 6 - Replacement Parts Single Blower

Fig. 9 - Replacement Parts Double Blower

Warranty
Greenheck warrants this equipment to be free from defects in material and workmanship for a period of one year from the date of purchase. Any units or parts which prove to be defective during the warranty period will be replaced at our option when returned to our factory, transportation prepaid. Motors are warranted by the motor manufacturer for a period of one year. Should motors furnished by Greenheck prove defective during this period, they should be returned to the nearest authorized motor service station. Greenheck will not be responsible for any removal or installation costs.

Typical Installation

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

Move fan to the desired location and determine the position of the access door. Provide adequate door opening clearance for servicing the motor and blower assembly. Attach the fan to a suitable framework as specified. Use accessory items are accounted for.

WARNING: Always disconnect and tag power source before installing or servicing. Supply wiring must be routed through knockouts which permit the access door to open for servicing. Wiring should be secured inside the fan to prevent interference with the drive components.

NOTE: Only four (4) hanging or base mounts required per unit.
NOTE: Fan can NOT be mounted vertically.