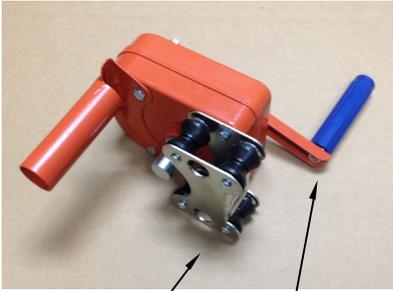


GC5:1B 5 to 1 Gear Crank w/ internal brake

Fig.1



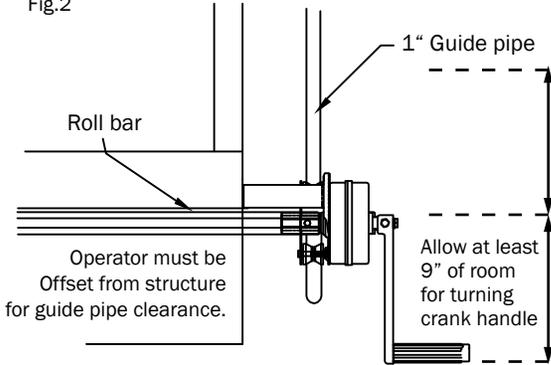
The GC5:1B is a manual, hand cranked, gear box with an internal brake.

The GC5:1B, in combination with scrollbar, a rollbar adapter, 1" guide pipe, guide pipe hardware, and possibly a guide pipe extender post, allows you to open and close your curtain system with the turn of a crank handle.

When using manual gear crank operators, the guide pipe and entire operator must be suspended off the end of the structure, so that only the roll-bar will roll against the structure, and the operator will clear the structure by about 2" (Fig.2)

Guide wheels Crank Handle

Fig.2



- 1) Mount guide pipe, and associated parts to structure.
- 2) Fit guide pipe through gear guide wheels.
- 3) Fit roll bar to adapter and output shaft.

Fig.3

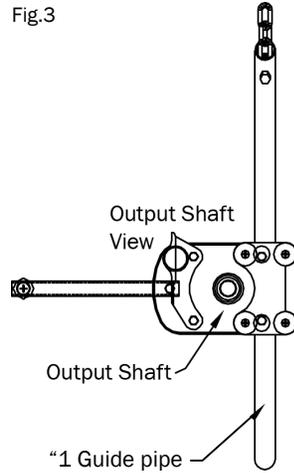


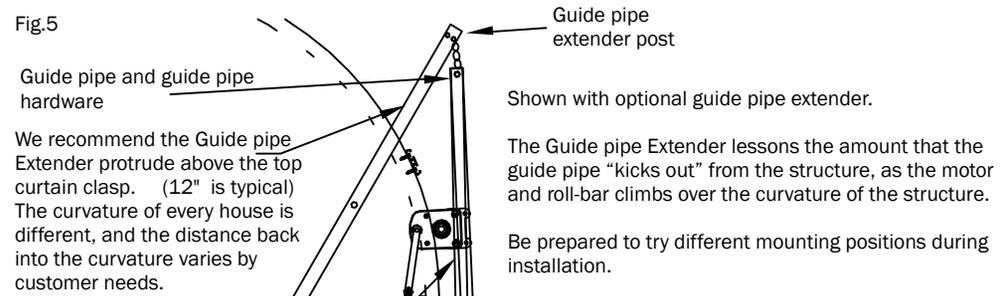
Fig.4



PVC 1.3' Roll Bar adapter
5/16 x 1 3/4 Bolt
5/16 Lock Nut

If combining the GC5:1B with other equipment as directed be sure to follow all directions and diagrams as well as proper safety protocol.

Fig.5



Gear Crank operators must have guide wheels offset from hoop house structure.

Guide pipe hardware

Guide pipe



Fig.6

These mounting methods are not recommended, use guide pipe extender post.

On hoophouses, when using manual gear crank operators, the guidepipe and entire operator must be suspended off the end of the structure, so that only the roll-bar will roll against the structure, and the operator will clear the structure by about 2" (See Fig. 5)

(NOTE: If the roll-up curtain is straight up & down in it's movement area, some customers insert the BOTTOM of the guide pipe into the ground, rather than hanging the pipe. But if you do this, we recommend the guide pipe can move or flex at the top.)

Determine how you want to mount the guide pipe. By temporarily pivoting the guide pipe from various possible mounting points above the top of the curtain, you can determine the best mounting position for the guide pipe as the operator rolls the curtain up along the arc of the greenhouse. Note in Fig. 5 that by extending the guide pipe attachment point above the top of the curtain and above the greenhouse, the guide pipe stays closer to the greenhouse during its various opening stages (Compared to in Fig. 6).

Always remember to perform routine maintenance checks on all of your equipment, especially at the beginning and end of each season!

For Technical Support:

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