For Residential and Commercial Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

Model WPCCT-2
Manual CinchClamp™ Tool

Sizes: ⅜", ½", ⅝", ¾" (10, 15, 18, 20mm)

The Watts Manual CinchClamp™ Tool is designed for use with tubing and CinchClamp™ connections.

Specifications

Connections shall use Watts brass and poly-alloy crimp fittings and Watts WaterPEX® cross-linked polyethylene pipe.

Installation

All CinchClamps must be installed using a Watts CinchClamp Tool and in accordance with all installation guidelines.

– Make sure the Watts WaterPEX® has a clean, square cut end.

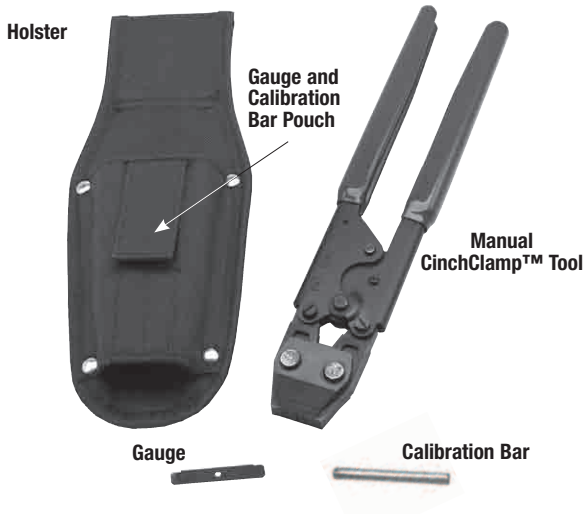
– Slide the CinchClamp over the Watts WaterPEX®.

– Insert fitting and position CinchClamp, allowing for approximately ⅛" clearance between clamp and fitting.

– Position the open jaws of the Manual CinchClamp Tool over the tabs of the CinchClamp and squeeze. **Tool will release when cinch is complete.**

If connections are made in temperatures below 30°F, caution must be taken to cinch slowly between ratchets, allowing the Watts WaterPEX® to form a proper seal against the barb.

Do not use the Manual CinchClamp Tool to remove CinchClamps. This will cause damage to the tool, resulting in improper connections.



Manual CinchClamp™ Tool with work pouch and calibration gauge. Calibration gauge and calibration bar are located in side pouch.

Standards

– Watts WaterPEX® CinchClamps are manufactured in accordance with American Society for Testing and Materials (ASTM) F-2098.

– Watts WaterPEX® Fittings are to be manufactured in accordance with American Society for Testing and Materials (ASTM) F-1807, F-2159, and F-2434.

– Only for use with PEX manufactured to ASTM F-876/F-877

MODEL	DESCRIPTION
WPCCT-2	Manual CinchClamp™ Tool

Calibration

Do not use the Manual CinchClamp Tool if it has been damaged, as this may result in an improper cinch.

After repeated use of the Manual CinchClamp Tool, it may require calibration. A calibration gauge and bar are provided in the tool pouch. Follow these steps when calibrating a Watts Manual CinchClamp Tool.

1. Insert the Calibration Bar into the tool as shown and ratchet the Manual CinchClamp™ Tool to the closed position and hold. Use the calibration tool to gauge the jaw gap. Ideally, the jaw gap should be between 1.5mm and 1.7mm. If the 1.7mm side of the gauge slides into the gap, then the jaw space is too large. If the 1.5mm side of the gauge cannot slide into the gap, then the jaw space is too narrow.

2. To adjust the jaw gap, turn the Manual CinchClamp™ Tool on its side and locate the Phillips screw positioned on the ratchet arm. Use a standard Phillips screwdriver to loosen the screw and to adjust the ratchet arm position. Turning the arm left or right will change the jaw gap. Tighten screw when desired jaw gap is reached.