



Sun offers a fully calibrated handknob with detent lock for all series of Sun flow control cartridges. The rising stem shows the number of full turns, and 40 graduations/detents exist per full turn. The rising detented locking collar positively locks the handknob against vibration or accidental tampering. The use of this calibrated handknob allows for desired settings to be recorded and repeated. Flow control cartridges may be ordered from Sun in this configuration by specifying an H control in the model number.

TECHNICAL DATA

Material	Black plastic
Diameter	28,7 mm
Model Weight	0.01 kg.

NOTES

- Only for cartridges originally supplied with an H handknob. Valves can not be modified in the field.
- 1. Turn handknob clockwise to fully closed position.
- 2. With the lockknob in the 'lock' position, remove the detent o-ring from under the knob's collar and roll it up on the skirt. The o-ring is accessible with a paper clip or equivalent through a slot in the lockknob skirt located 180 degrees from the Zero indicator.
- 3. Push the lockknob towards the cartridge as far as it will go (against cartridge shoulder).
- 4. Pull the handknob off the stem. Pry points are provided for a thin blade at the back of the handknob (behind numbers 0 and 5).
- 5. Position the handknob so that numeral 0 most closely aligns with the Zero Indicator. It may be necessary to reposition the lockknob for perfect alignment. The Zero Indicator will not vary more than 15 degrees from the desired final position.
- 6. Once Zero alignment is achieved, push the handknob onto the stem until it snaps into position.
- 7. With the lockknob in the locked position, feed the detent o-ring back under the knob's skirt.

INCLUDED COMPONENTS

Part	Description	Quantity
390-010	Knob Adjuster	1
390-011	Knob Adjuster	1
500-101-015	O-Ring	1

TECHNICAL FEATURES

- For use on the following Sun cartridges: FDBA manufactured before November 2010; NCCB, NCCC or NCCD manufactured before May 2010; and NFCC or NFCD manufactured before March 2010. See our manufacturing [Date Code](#) page for more information.
- Field conversion kits are not available for the Calibrated Handknob control. The kit listed below contains replacement parts for cartridges originally supplied with an H control.
- 40 graduations (and locking positions) per single revolution.
- Moveable zero indicator with minor disassembly.
- Allows for desired settings to be recorded and repeated.