

Hain-Yo Enterprises Co., Ltd LOW TORQUE STRUCTURE TYPE VALVE INSTRUCTION

MODEL NUMBER : FH02BD / DH02BD / FH02GJ / DH02GJ

DESCRIPTION: FH02BD / FH02GJ is 35mm low torque structure type with distributor

DH02BD/ DH02GJ is 40mm is low torque structure type with distributor

FUNCTION:

1. Turning on the valve and rotating the spindle with lever, the ceramic disc is moved by rotor joined with spindle to control cold –warm-hot water outlet. When turning off the valve and rotating the spindle with lever, the spindle can not move the ceramic disc by rotor.

2. The angle of spindle from close to fully open is 25 °. The rotary direction of the cold water is counter clockwise with 0° ~ 45°. On the contrary, the rotary

direction of hot water is clockwise with $0^{\circ} \sim 45^{\circ}$. (Fig 1)

INSTALLATION:

- 1. Make sure the proper position of hot/cold water supply pipes before installing the valve.
- 2. After confirming the right side is cold water supply and the left is hot water supply, fit two set points on the bottom of the valve into the bores of faucet body, and then fasten both of them with nut. (Fig 1)
- 3. The nut lock torque suggested : 100kgf-cm \sim 120kgf-cm.
- 4. The hot/cold water supply condition suggested : 3.9° C \sim 85° C $(39^{\circ}$ F \sim 180° F)
- 5. Recommended Water Pressure (Max.): 500 PSI.
- 6. After finishing assembly, turning on the faucet and rotating the lever from right to left, make sure it is cold water, warm water and then hot water incoming.

Set points for faucet body and the valve 45° LEVER ## (Fig 1)

ATTENTION:

1. The valve must be set by professional installer to ensure safety. Any in-proper installation will raise the discharge temperature and may get hot burns.

Rev. 01



LOW TORQUE STRUCTURE TYPE VALVE INSTRUCTION

MODEL NUMBER: FL02BD/DL02BD/FL02GJ/DL02GJ/GL02BD/GL02GJ

DESCRIPTION: GL02BD / GL02GJ is 25mm low torque structure type without distributor

FL02BD / FL02GJ is 35mm low torque structure type without distributor

DL02BD / DL02GJ is 40mm low torque structure type without distributor

FUNCTION:

1. Turning on the valve and rotating the spindle with lever, the ceramic disc is moved by rotor joined with spindle to control cold –warm-hot water outlet. When turning off the valve and rotating the spindle with lever, the spindle can not move the ceramic disc by rotor.

2. The angle of spindle from close to fully open is 25 °. The rotary direction of the cold water is counter clockwise with $0^{\circ} \sim 45^{\circ}$. On the contrary, the rotary

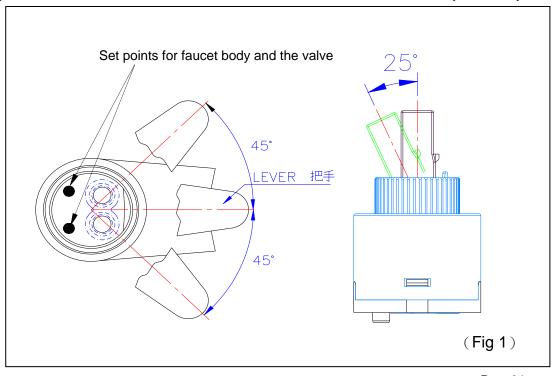
direction of hot water is clockwise with $0^{\circ} \sim 45^{\circ}$. (Fig 1)

INSTALLATION:

- 1. Make sure the proper position of hot/cold water supply pipes before installing the valve.
- 2. After confirming the right side is cold water supply and the left is hot water supply, fit two set points on the bottom of the valve into the bores of faucet body, and then fasten both of them with nut. (Fig 1)
- 3. The nut lock torque suggested : 100kgf-cm $\,\sim\!$ 120kgf-cm.
- 4. The hot/cold water supply condition suggested : 3.9° C \sim 85° C $(39^{\circ}$ F \sim 180° F)
- 5. Recommended Water Pressure (Max.): 500 PSI.
- 6. After finishing assembly, turning on the faucet and rotating the lever from right to left, make sure it is cold water, warm water and then hot water incoming.

ATTENTION:

1. The valve must be set by professional installer to ensure safety. Any in-proper installation will raise the discharge temperature and may get hot burns.



Rev. 01