

Hain-Yo Enterprises Co., Ltd BATH & SHOWER DIVERTER CARTRIDGE INSTRUCTION

MODEL NUMBER: DH19GJ

DESCRIPTION: DH19GJ is 40mm Bath & Shower Diverter Cartridge.

FUNCTION:

- 1. The cartridge itself can switch the way of outlet, bath or shower. It integrates with mixer and diverter function and does not require separate diverter mechanism, which not only simplifies the design of shower valve, but also reduces the cost in faucet production. Except for effectively reducing the number of faucet parts, the assembly is also easier. Meanwhile, it can avoid the unexpected changes of outlet caused by inadvertently touch.
- 2. Rotating the lever in counterclockwise direction, the water comes from the housing of cartridge, which connected to shower to control cold-warm-hot water outlet; vice versa, rotating the lever in clockwise direction, the water comes from the top, which connected to tub to control cold-warm-hot water outlet. When rotating the lever back to middle position, the water is turned off.
- 3. The angle of spindle from close to fully open is 90 °. The rotary direction of shower is counterclockwise with 0 °~47 °~90 °, from cold, warm, to hot water; vice versa, the rotating direction of tub is clockwise with 0 °~52 °~90 °, from cold, warm, to hot water. (Fig.1)

INSTALLATION:

- 1. Make sure the proper position of cold/hot water supply pipes before installation.
- 2. After confirming the right side is cold water supply and the left side is hot supply, then fit two set points on the bottom of the valve into the bores of the faucet, and fasten both of them with nut. (Fig.1)
- 3. The nut lock torque suggested: 100kgf-cm ~ 120kgf-cm
- 4. The cold/hot water supply condition : 3.9° C ~ 82° C (39° F ~ 180° F)
- 5. Recommended Water Pressure (MAX.): 350 ~ 500PSI
- 6. After finishing assembly, rotating the lever to right and left, make sure both side is cold water, warm water and then hot water incoming.

Set points for faucet body and the valve Shower HDT CLOSE Bath 90° (Fig.1)

ATTENTION:

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

一翰優企業有限公司

Hain-Yo Enterprises Co., Ltd BATH & SHOWER DIVERTER CARTRIDGE INSTRUCTION

MODEL NUMBER: DL19GJ

DESCRIPTION: DL19GJ is 40mm Bath & Shower Diverter Cartridge.

FUNCTION:

- 1. The Cartridge itself can switch the way of outlet, bath or shower. It integrates with mixer and diverter function and does not require separate diverter mechanism, which not only simplifies the design of shower valve, but also reduces the cost in faucet production. Except for effectively reducing the number of faucet parts, the assembly is also easier. Meanwhile, It can avoid the unexpected changes of outlet caused by inadvertently touch.
- 2. Rotating the spindle with lever to control cold warm hot water. In counter clockwise direction, the water outlet is from the bottom of cartridge; In clockwise direction, the water outlet is from the housing of cartridge. When rotating the lever back to middle position, the water is turned off.
- 3. The angle of spindle from close to fully open is 90° . The rotary direction of shower is counter clockwise with $0^{\circ} \sim 55^{\circ} \sim 90^{\circ}$, from cold, warm, to hot water; vice versa, the rotary direction of bath is clockwise with $0^{\circ} \sim 55^{\circ} \sim 90^{\circ}$, from cold, warm, to hot water. (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 side is hot water supply, then fit two set points on the bottom of the valve into the bores of faucet body, and 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 : $3.9^{\circ}\text{C} \sim 82^{\circ}\text{C} (39^{\circ}\text{F} \sim 180^{\circ}\text{F})$
- 5. Recommended Water Pressure (Max.): 350~500 PSI.
- 6. After finishing assembly, rotating the lever to right and left, make sure both side is cold water, warm water and then hot water incoming.

Set points for faucet body and the valve 90° Shower HDT Bath 90° (Fig.1)

ATTENTION:

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.

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Hain-Yo Enterprises Co., Ltd BATH & SHOWER DIVERTER CARTRIDGE INSTRUCTION

MODEL NUMBER: FL19GJ

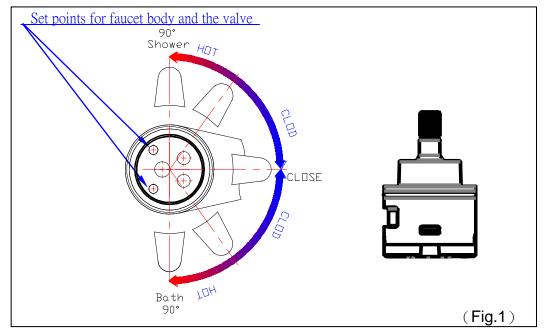
DESCRIPTION: FL19GJ is 35mm Bath & Shower Diverter Cartridge.

FUNCTION:

- 1. The Cartridge itself can switch the way of outlet, bath or shower. It integrates with mixer and diverter function and does not require separate diverter mechanism, which not only simplifies the design of shower valve, but also reduces the cost in faucet production. Except for effectively reducing the number of faucet parts, the assembly is also easier. Meanwhile, It can avoid the unexpected changes of outlet caused by inadvertently touch.
- 2. Rotating the spindle with lever to control cold warm hot water. In counter clockwise direction, the water outlet is from the bottom of cartridge; In clockwise direction, the water outlet is from the housing of cartridge. When rotating the lever back to middle position, the water is turned off.
- 3. The angle of spindle from close to fully open is 90° . The rotary direction of shower is counter clockwise with $0^{\circ} \sim 55^{\circ} \sim 90^{\circ}$, from cold, warm, to hot water; vice versa, the rotary direction of bath is clockwise with $0^{\circ} \sim 55^{\circ} \sim 90^{\circ}$, from cold, warm, to hot water. (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, then fit two set points on the bottom of the valve into the bores of faucet body, and fasten both of them with nut. (Fig.1)
- 3. The nut lock torque suggested : 80kgf-cm \sim 100kgf-cm.
- 4. The hot/cold water supply condition : $3.9^{\circ}\text{C} \sim 82^{\circ}\text{C} (39^{\circ}\text{F} \sim 180^{\circ}\text{F})$
- 5. Recommended Water Pressure (Max.): 350~500 PSI.
- 6. After finishing assembly, rotating the lever to right and left, make sure both side is cold water, warm water and then hot water incoming.



ATTENTION:

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.