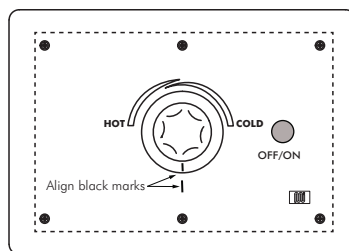


COVER PLATE INSTALLATION

- Cover plate should only be installed once face wall has been completed and final fitout is required.
- Remove temporary dust cover.
- Open valve isolators
- Front of recessing box MUST be flush with finished face wall, adjust as necessary by slackening off fixing screws pulling/pushing the box as necessary and re-tightening fixing screws.
- Present cover over recessing box wiggling control handle slightly to allow it to fit over spline on valve.
- Rotate shower handle and check temperature range is as required.
- Once the cover plate fitment has been confirmed, seal around the outside of the recessing box and wall linings. Take care not to block the 2 drain holes on the bottom edge of the box.
- Fix plate to box with screws supplied using the following method:
 - Set mixer to full hot position
 - Align blacklines on temporary sticker when fitting face plate to inwall box (dia 3)
 - The handle can be turned clockwise to change temperature. Limit screw is fitted to control the rotation
 - Valve handle can be left in position for shower temperature and piezo stops/starts shower



Dia 3

SPARES

- RP5115/24** - 24VAC Solenoid Valve
- WA4-PIEZO-BK** - Black piezo switch
- Z7300-CART** - Cartridge Kit including;
- pressure balancing cartridge
 - temperature limit stop ring
 - spline adaptor
- Z7300-50A** - Isolator/Check Kit including;
- washers, o rings, springs and stop stems for both isolators

MS-Z73MES

CONCEALED PRESSURE BALANCED SECURITY SHOWER MIXER



DESCRIPTION

A concealed pressure balanced shower mixer with electronic activation, mounted in a pre-assembled stainless steel recessing box. Mixing and solenoid valves fitted into box with internal connections ready for installation. Face plate, complete with anti ligature handle, is suitably etched to demonstrate method of setting temperature. Activation by piezo switch connected to external control source (Warden or other) Flow rate determined by shower head, separately supplied. Pressure balanced cartridge adjusts mixing, however HW should be supplied from quality thermostatic mixer to ensure anti-scald. Maximum outlet temperature set by plumber on site.

PACK INCLUDES

- Stainless steel mounting box
- Zurn Z7300 pressure balanced shower valve
- 24VAC, 12VDC or 6VDC (depending on control source) solenoid valve on mixer outlet
- Face plate fitted with anti ligature handle and piezo switch



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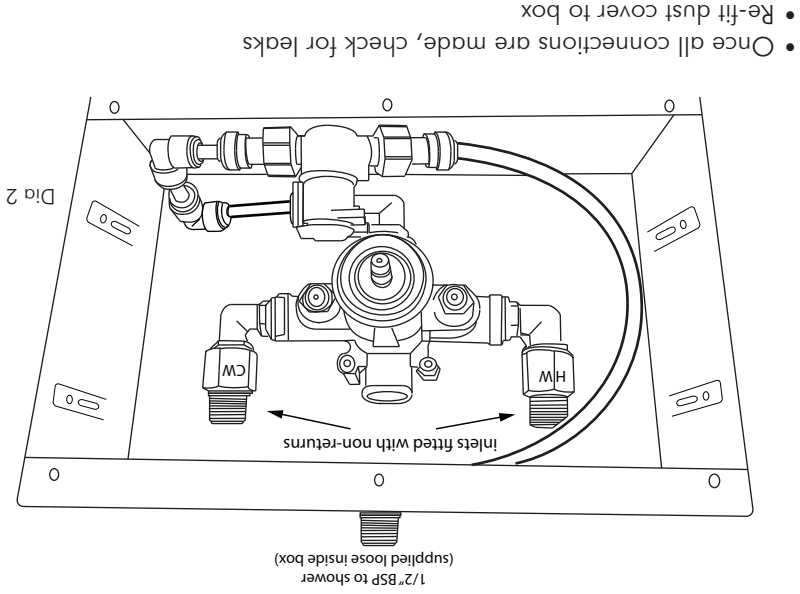
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INSTALLATION OF RECESSING BOX

- Box must be installed prior to wall lining
- Frame wall according to the size of the recessing box.
- Remove temporary box dust cover
- Fix box to wall framing through slots on side wall of box, ensuring front of box will be flush with finished wall lining.
- Unscrew chrome escutcheon to reveal cartridge. Remove valve cartridge from valve body ensuring water supply is turned off before removing. Slowly open isolators to flush debris from the line catching any water beneath the valve to prevent it from entering wall cavity. Inlet non-returns will make this more difficult.
- Reinstall cartridge and refit chrome escutcheon.



- Once all connections are made, check for leaks
- Re-fit dust cover to box

- Inspect all items thoroughly immediately on receipt to ensure it meets your requirements.
- Inspect product for defects prior to installation. MacDonald Industries will not be responsible for any claims related to replacements after a product has been installed.
- Ensure wall is framed to suit the box size in the correct rotation
- HW should never exceed 55degC in order to comply with NZ Building Code requirements, however where installed in "at risk" applications (Mental Health) a quality thermostatic mixer set at 43deg C should be installed on the incoming HW line.
- Check water pressure does not exceed 500kPa. Fit pressure reducing valve if necessary. Inlet pressures must be equal
- Check water inlet/outlet positions are correct for the valve supplied according to Dia. 1.
- Installation must only be completed by a registered plumber in accordance with AS/NZS3500 requirements.
- It is critical that the framing is correctly dimensioned. Any distortion of the inwall box will affect the operation of the mixer handle.

