

# MKH 4000

# Mackay housing



## MKH 4000 Security Housing

- Featuring a precision-machined vault door constructed of durable ductile iron and special tapered design for increased strength and security.
- The MKH 4000 features our largest vault in a tough wrinkle finish with an extended coin can.
- Compatible with MacKay Meters' industry-leading electronic mechanisms and competitive products.
- MacKay Meters backs its product lines with a solid warranty based on confidence in the quality of its products.
- All MacKay housings are distinguished by their "hex" shaped top.
- Manufactured under ISO 9001:2000 certified quality processes.

ISO 9001:2000



Certificate No. 002057

[www.jjmackay.com](http://www.jjmackay.com)



# MKH 4000 SPECIFICATIONS



MKH 4500



MKH 4000



MKH 3500 TWIN



MKH 3000 TWIN



MKH 2500



MKH 2000



MKH 1000

**Security Mechanism Housing:** Precision Zamac die cast construction. Rugged, corrosion-resistant, non-brittle metal, rated at a minimum of 41,000 PSI. Proven resistance to the elements, tampering and abuse. The mechanism housing is a modern design, neat and free of rough surfaces or edges.

**Housing Cap:** An interlocked, hinged construction makes the cap integral with the mechanism housings, protecting the mechanism unit from dust, moisture, tampering and abuse. Hinged cap allows easy access to meter mechanism for servicing. The locking arrangement provides simultaneous and positive positioning of the mechanism unit. MacKay's housings are easily distinguished by the hex top.

**Display Window:** Large, clear, high-impact polycarbonate window displays the Liquid Crystal Display (LCD) of our electronic unit and provides excellent visibility. It is completely sealed for maximum element and dust protection.

**Instruction Plates:** Large, easy-to-read plates on the door and hours of enforcement cards in the cap contain simple operating instructions.

**Ventilation:** Strategically placed vents in dome cap ensure excellent visibility and reduced condensation both above and below mechanism level.

**Enforcement Hours Card:** To facilitate easy removal, in the event of a change in enforcement hours, a card slot is provided within the complete protection of the housing dome. Its position in the meter is clearly visible.

**Coin Box Housing:** Made of ductile iron. This extremely rugged material has a minimum tensile strength of 65,000 PSI. The design has been engineered to afford increased protection against vandalism, breakage and theft. Extra enhancements include a tapered base to inhibit the removal of the meter from its mounting pole by upward force.

**Door:** The lower vault door is made of ductile iron with a minimum tensile strength of 65,000 PSI. To minimise the risk of unauthorised entry, it is precision-machined to a tolerance of 0.005 inch and designed to withstand tampering by prying or hammering with ordinary hand tools. The door's internal coupling protects the hinges.

**Collection Compartment:** The collection compartment is secure against entry from the mechanism compartment. With the door open, the coin box is easily accessible. The vault is engineered for precise alignment to ensure trouble-free coin acceptance of most coins found in the world today, without need for modification.

**Finish:** The burr-free, raw casting is conversion-coated in a five-stage power spray pre-treatment system which includes cleaning, rinsing, zinc phosphate coating, rinsing again, and then sealing. The pre-treatment system is designed to remove grime and strengthens paint bonding. It also establishes a chemical coating on the surface which will slow corrosion in the case of paint damage. The conversion-coated castings are then electro-statically powder coated with high-quality paint. The castings are cured at predetermined temperatures for the appropriate time. Our castings have successfully passed the ASTM-BL 17 1000-hour salt spray resistance-to-corrosion test.

**Locks:** Multi-tumbler and highly pick-resistant. The security lock in the door is encased in tough ductile iron, with minimum exposed area, reducing its vulnerability to vandalism. Various types of security locks are available.

**Materials:** Full hard brass, stainless steel, aluminum stampings, Zamac and ductile iron castings and high-quality powder paint finish. All parts fabricated from steel are plated to industry standards.

**Meter Post:** Standard Requirements: 5.1cm (2 inch) inner diameter standard galvanised pipe. Small weep and air vent holes drilled to reduce condensation and prolong pipe life. These weep holes should be located approximately 30.5cm (12 inches) from the top and 30.5cm (12 inches) from the bottom on opposite sides from each other. Holes should be about 1.27cm (1/2 inch) in diameter.

**Typical Installation:** Pipe level minimum 90.9cm (35 1/2 inches) above walk. Parking meter height 43.6cm (17 1/2 inches). Overall meter height 134.6cm (53 inches). Contact your local Distributor or our Customer Service Department for information on the best method of installation for your location.

**Warranty:** J.J. MacKay Canada Limited guarantees, for a period of one year from the date of shipment, to repair or replace any of its housing parts determined to be defective in materials and/or workmanship, under normal use and service.

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