

# MKH 4000 Series

# Mackay housing



**Mackay**  
housing

## MKH 4000 Series Housing

- MacKay Meters produces some of the strongest, most secure, vandal-resistant housings in the industry today.
- From our top-of-the-line MKH 4500, constructed completely of ductile iron, to the more affordable iron-zinc MKH 4000, MacKay has the products and experience to find the right housings to fit your needs.
- 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.
- 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.
- Manufactured under ISO 9001:2008 Certified Quality Processes.

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MKH 4000



MKH 4500

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



MACKAY METERS™

# MKH 4000 Series SPECIFICATIONS



MKH 4500



MKH 4000

4500	4000	
✓		<b>Mechanism Housing</b> <ul style="list-style-type: none"> <li>• High Security</li> <li>• Precision-annealed ASTM A536 ductile iron with rugged construction</li> <li>• Tensile strength of a minimum of 65,000 PSI</li> <li>• Brinell hardness of 143-187</li> </ul>
✓	✓	<ul style="list-style-type: none"> <li>• Experience on location has proven its resistance to the elements, tampering and abuse. The mechanical housing is of modern design, neat and free of rough surfaces, sharp corners or edges</li> </ul>
✓	✓	<ul style="list-style-type: none"> <li>• Precision Zamac die cast construction</li> <li>• Rugged, corrosion resistant, non-brittle metal, rated at a minimum of 41,000 PSI</li> </ul>
✓		<b>Housing Cap</b> <ul style="list-style-type: none"> <li>• Precision-annealed ATSM A536 ductile iron with a tensile strength of a minimum of 65,000 PSI</li> <li>• High security slide lock cap</li> <li>• Easily distinguished by hex top</li> <li>• Interlocked, hinged construction makes the cap integral with the mechanism housings</li> <li>• Easy access to meter mechanism for servicing and protects unit from dust, moisture, tampering and abuse</li> <li>• The locking arrangement provides simultaneous and positive positioning of the unit mechanism</li> </ul>
✓	✓	<b>Display Window</b> <ul style="list-style-type: none"> <li>• Large, clear, high-impact polycarbonate window displays the liquid crystal display (LCD) of our electronic unit and provides excellent visibility</li> <li>• Completely sealed for maximum element and dust protection</li> </ul>
✓	✓	<b>Instruction Plates</b> <ul style="list-style-type: none"> <li>• Large, easy-to-read plates on the door and hours of enforcement cards in the cap contain simple operating instructions</li> </ul>
✓	✓	<b>Ventilation</b> <ul style="list-style-type: none"> <li>• Strategically placed vents in dome cap ensure excellent visibility and reduced condensation both above and below mechanism level</li> </ul>
✓	✓	<b>Enforcement Hours Card</b> <ul style="list-style-type: none"> <li>• 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</li> </ul>
✓	✓	<b>Coin Box Housing</b> <ul style="list-style-type: none"> <li>• Made of ductile iron</li> <li>• Tensile strength of a minimum of 65,000 PSI</li> <li>• Largest vault with extended coin can</li> <li>• Tapered base to prevent the removal of the meter from its mounting pole by upward force</li> <li>• Design has been engineered to afford increased amount of protection against vandalism, breakage and theft</li> </ul>
✓	✓	<b>Door</b> <ul style="list-style-type: none"> <li>• Lower vault door is made of ductile iron with a tensile strength of a minimum of 65,000 PSI</li> <li>• Precision machined to a tolerance of 0.005", designed to withstand tampering by prying or hammering with ordinary hand tools</li> <li>• No exposed/vulnerable hinges</li> </ul>
✓	✓	<b>Collection Compartment</b> <ul style="list-style-type: none"> <li>• The collection compartment is secure against entry from the mechanism compartment</li> <li>• With the door open, the coin box is easily accessible</li> <li>• Vault is engineered for precise alignment to ensure trouble-free coin acceptance of most coins found around the world today, without need for modification</li> </ul>
✓	✓	<b>Finish</b> <ul style="list-style-type: none"> <li>• 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 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 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.</li> </ul>
✓	✓	<b>Locks</b> <ul style="list-style-type: none"> <li>• Multi-tumbler and highly pick-resistant</li> <li>• The security lock in the door is encased in tough ductile iron, with minimum area exposed, reducing its vulnerability to vandalism</li> <li>• Various types of security locks available</li> </ul>
✓	✓	<b>Materials</b> <ul style="list-style-type: none"> <li>• Full hard brass, stainless steel, aluminum stampings, Zamac and ductile iron castings and high quality powder paint finish</li> <li>• All parts fabricated from steel are plated to industry standards</li> </ul>
✓	✓	<b>Meter Post</b> <ul style="list-style-type: none"> <li>• Standard requirements: 5.1cm (2") inner diameter standard galvanized 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") from the top and 30.5cm (12") from the bottom on opposite sides from each other. Holes should be about 1.27cm (1/2") in diameter.</li> </ul>
✓	✓	<b>Typical Installation</b> <ul style="list-style-type: none"> <li>• Contact your local distributor or our Customer Service Department on the best method of installation for your location.</li> </ul>

As our policy is one of continuous product improvement and development, we reserve the right to alter product specification and design. Photos are representative; product appearance may differ.

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