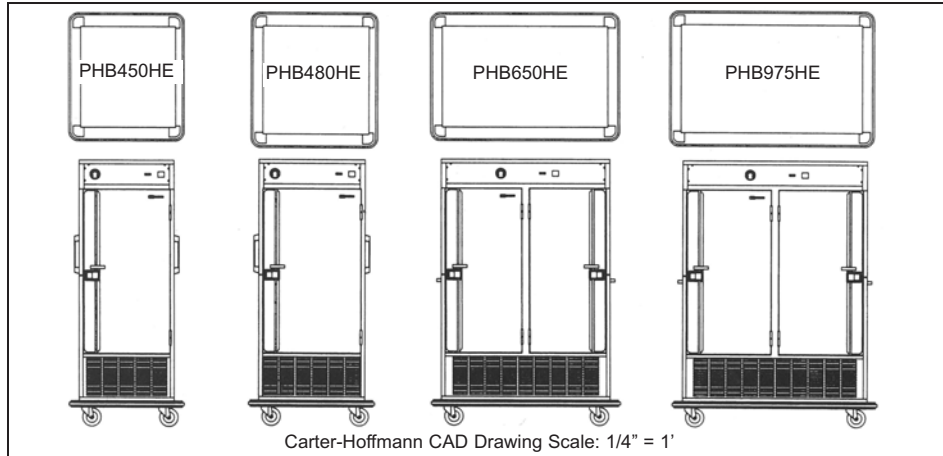




# PHB450HE, PHB480HE, PHB650HE & PHB975HE MOBILE REFRIGERATORS

CARTER-HOFFMANN  
**11**  
FOOD SERVICE EQUIPMENT  
MOBILE REFRIGERATORS



Carter-Hoffmann CAD Drawing Scale: 1/4" = 1'

Model Number	Pan/Tray Capacity		Slide Pairs Standard	Inside Working Height		Overall Dimensions			Caster		Shipping Weight				
	18"x26"	12"x20"		in	mm	Height	Depth	Width	Diameter		lbs	kgs			
<input type="checkbox"/> PHB450HE	30	-	30	45 <sup>3</sup> / <sub>4</sub>	1162	75 <sup>7</sup> / <sub>8</sub>	1867	35	889	31 <sup>3</sup> / <sub>8</sub>	797	6	152	442	200
<input type="checkbox"/> PHB480HE*	12	24	12	45 <sup>3</sup> / <sub>4</sub>	1162	75 <sup>7</sup> / <sub>8</sub>	1867	37 <sup>1</sup> / <sub>8</sub>	943	34 <sup>1</sup> / <sub>8</sub>	867	6	152	470	213
<input type="checkbox"/> PHB650HE	60	-	60	45 <sup>3</sup> / <sub>4</sub>	1162	75 <sup>7</sup> / <sub>8</sub>	1867	35	889	53 <sup>1</sup> / <sub>4</sub>	1353	6	152	598	271
<input type="checkbox"/> PHB975HE*	24	48	24	45 <sup>3</sup> / <sub>4</sub>	1162	75 <sup>7</sup> / <sub>8</sub>	1867	37 <sup>1</sup> / <sub>8</sub>	943	58 <sup>3</sup> / <sub>4</sub>	1492	6	152	805	365

\* Indicates universal slides. Tray slides in universal models are adjustable in 1 3/4" increments. Standard capacity shown at 3 1/2" spacing.

**CONSTRUCTION...** Completely welded cabinet construction with outer cabinet formed and welded to base. All seams turned in to eliminate raw edges.

**CABINET MATERIAL...** All stainless steel construction; 20 gauge polished exterior and 24 gauge interior.

**BASE FRAME...** 12 gauge stainless steel full depth caster bolsters with 1" x 1" 14 gauge stainless steel perimeter tube supports welded to bolsters.

**CASTERS...** 6" diameter, all swivel, polyurethane tread. All swivel casters on PHB450HE and PHB480HE. Two swivel and two rigid casters on PHB650HE and PHB975HE. Sealed roller bearing and double ball bearing swivel. Zerk grease fittings. Plate mounted and bolted to base in offset, wheel-ahead pattern. Two casters fitted with brakes.

**BUMPER...** Non-marking gray vinyl bumper set in heavy-duty 3/16" thick extruded aluminum frame with reinforced corner cutouts.

**INSULATION...** Combination foam and high density fiberglass continuous wrap-around insulation.

**PUSH HANDLES...** Two heavy-duty

aluminum handles mounted on sides of the cabinet. Reinforced back-up plates.

**DOOR...** Recessed within cart walls, top and base. Welded double panel stainless steel. 20 gauge polished exterior and 24 gauge interior. Filled with 1 1/2" thick high density fiberglass insulation.

**HINGES...** Stainless steel 12 gauge butt type hinges with 3/8" stainless steel pins.

**LATCH...** Flush mounted heavy-duty sliding latch with grip handle.

**THERMOMETER...** Flush mounted dial type with remote sensing bulb

**TRAY RACK ASSEMBLIES...** Models PHB450HE and PHB650HE: removable extruded aluminum racks with extruded aluminum channel slides. Slides fixed at 1 1/2" centers; accommodate 18" x 26" sheet pans. Models PHB480HE & PHB975HE: Removable 16 gauge stainless steel tray racks with 16 gauge stainless steel universal tray slides. Slides fully adjustable at 1 3/4" spacing; accommodate 18" x 26" sheet pans, 12" x 20" pans, gastronorm pans and 20" x 20" glass racks.

**ON/OFF SWITCH...** Toggle style with guard.

**REFRIGERATION SYSTEM...** Self-contained evaporator coil and blower refrigeration system. 1/3 H.P. air cooled high torque condensing unit, thermal expansion valve, filter/dehydrator, large capacity exchanger. Temperature range of 33°F to 40°F (1°C to 4°C). Power indicating light illuminates when unit is plugged in. Refrigerant charge of approximately 25 oz. CFC-free R134a.

**ELECTRICAL CHARACTERISTICS...** Operates on 120 volts, 60 cycle, single phase, 8.5 running amps. Ten foot 3-wire rubber cord with 3 prong grounding plug. NEMA 5-15P.

**PERFORMANCE...** Capable of cooling cabinet to 33°F (1°C). Approximate pull down time to 40°F - 30 minutes.

**ACCESSORIES/OPTIONS...**

- Locking transport latch
- Locking door latch
- Menu card holder
- Lexan thermometer cover
- Alternate caster sizes and treads
- 4 wheel brakes
- Alternate electrical configurations
- Tamper-resistant screws
- Marine package

# SPECIFICATIONS

Printed in U.S.A. G20 0116  
Carter-Hoffmann is a trademark of Carter-Hoffmann, LLC



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Specifications subject to change through product improvement & innovation.

Meets DOE energy regulation requirement: 10 CFR 431 Subpart C-Commercial Refrigerator, Freezer and Refrigerator-Freezer Standard

# FEATURES & BENEFITS

## PHB450HE, PHB480HE, PHB650HE & PHB975HE

### MOBILE REFRIGERATORS

*Since 1947, foodservice equipment that delivers!*

**COMPLETELY WELDED TURNED-IN SEAM CONSTRUCTION...** All stainless steel construction. Adds rigidity to entire cabinet for maximum durability and reliable performance, and eliminates raw edges for easy cleaning and safety.

**FLUSH MOUNTED SLIDING DOOR LATCH WITH GRIP HANDLE...** Exclusively designed for transport applications. Door remains firmly closed during transport. Flush design protects latch from damage.

**HEAVY-DUTY BOTTOM MOUNTED CONDENSING UNIT...** Provides low center of gravity for transport application.



**HIGH EFFICIENCY ENERGY MANAGEMENT REFRIGERATION SYSTEM WITH ENVIRONMENTALLY SAFE COOLANT...** Blower system provides consistent top to bottom air flow as well as quick "pull down" to operating temperatures and quick recovery during heavy usage periods. Condensate evaporator and fan operation are engineered to operate with lower energy.

**NON-MARKING BUMPER SET IN HEAVY-DUTY 3/16" THICK EXTRUDED ALUMINUM FRAME...** Protects doorways, walls and cart from damage.

**HEAVY-DUTY STAINLESS STEEL BASE FRAME...** 12 gauge caster bolsters with tubular perimeter frame to withstand heavy loads and harsh transport conditions.



**POLYURETHANE TREAD CASTERS WITH SEALED ROLLER BEARING...** Long lasting, easy rolling for maximum load and minimum maintenance.

**OFFSET "WHEEL AHEAD" PATTERN...** Only one wheel can pass over uneven surfaces at a time for easy handling and steering.

**ENHANCED INSULATION FOR ENERGY EFFICIENCY...** Insulation is a combination of fiberglass and foamboard and is 50% more energy efficient than fiberglass alone. It meets the Department of Energy new strict energy efficiency standard.

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