Roof Heating Systems

OWNER'S MANUAL & INSTALLATION GUIDE

DIAMOND WALKWAY

SNOW & ICE MELTING SYSTEM

GFCI PROTECTED



MANUFACTURER

ROOF HEATING SYSTEMS

SYSTEM ARCHITECTURE

SCALABLE INTERLINK

CRUCIAL SAFETY PROTOCOLS

MANDATORY WARNING

Proper installation and use of the RHS Diamond Walkway is essential to reduce the risk of electric shock, fire, or injury. Read all instructions before installation.

- ALWAYS PLUG THE DIAMOND WALKWAY INTO THE INCLUDED GFCI POWER UNIT.
- USE OUTDOOR-RATED, GROUNDED OUTLETS ONLY.
- DO NOT MODIFY, CUT, TRIM, OR PUNCTURE THE MAT OR POWER CORD.
- NEVER OPERATE THE MAT WHILE ROLLED, FOLDED, STACKED, OR OVERLAPPING.
- DO NOT COVER THE MAT OR PLACE OBJECTS ON TOP WHILE IN USE.
- INSPECT THE MAT AND POWER CORD BEFORE EACH SEASONAL USE.
- DISCONNECT POWER WHEN NOT IN USE OR BEFORE REPOSITIONING.
- NEVER LIFT, PULL, OR MOVE THE MAT BY THE POWER CORD.
- DO NOT USE IF DAMAGED OR SUBMERGED IN STANDING WATER.
- UNPLUG THE MAT IF AMBIENT TEMPERATURES EXCEED 40°F (4°C).

PACKAGE CONTENTS

Verify all system components are present before beginning the lay-flat installation.



x1 **DIAMOND HEATING MAT**
AVAILABLE IN 3FT TO 6FT

x1 **GFCI POWER UNIT**
INTEGRATED SURGE CONTROL

x2 **WATERPROOF CONNECTORS**
PRE-ATTACHED END-TO-END

x2 **PROTECTIVE CAPS**
SEAL UNUSED TERMINALS

SPECIFICATIONS

CORE BENEFITS

- **RUGGED DIAMOND-PATTERN GRIP**
- **RAPID HEATING RESPONSE**
- **ALL-WEATHER WATERPROOF CONNECT**
- **NO TOOLS / LAY-FLAT DESIGN**



TECHNICAL DATA

FEATURE	DETAIL
WIDTH	**24 Inches**
AVAILABLE LENGTHS	**3ft / 4ft / 5ft / 6ft**
POWER SOURCE	**Included GFCI Unit**

INSTALLATION GUIDE

NO TOOLS REQUIRED

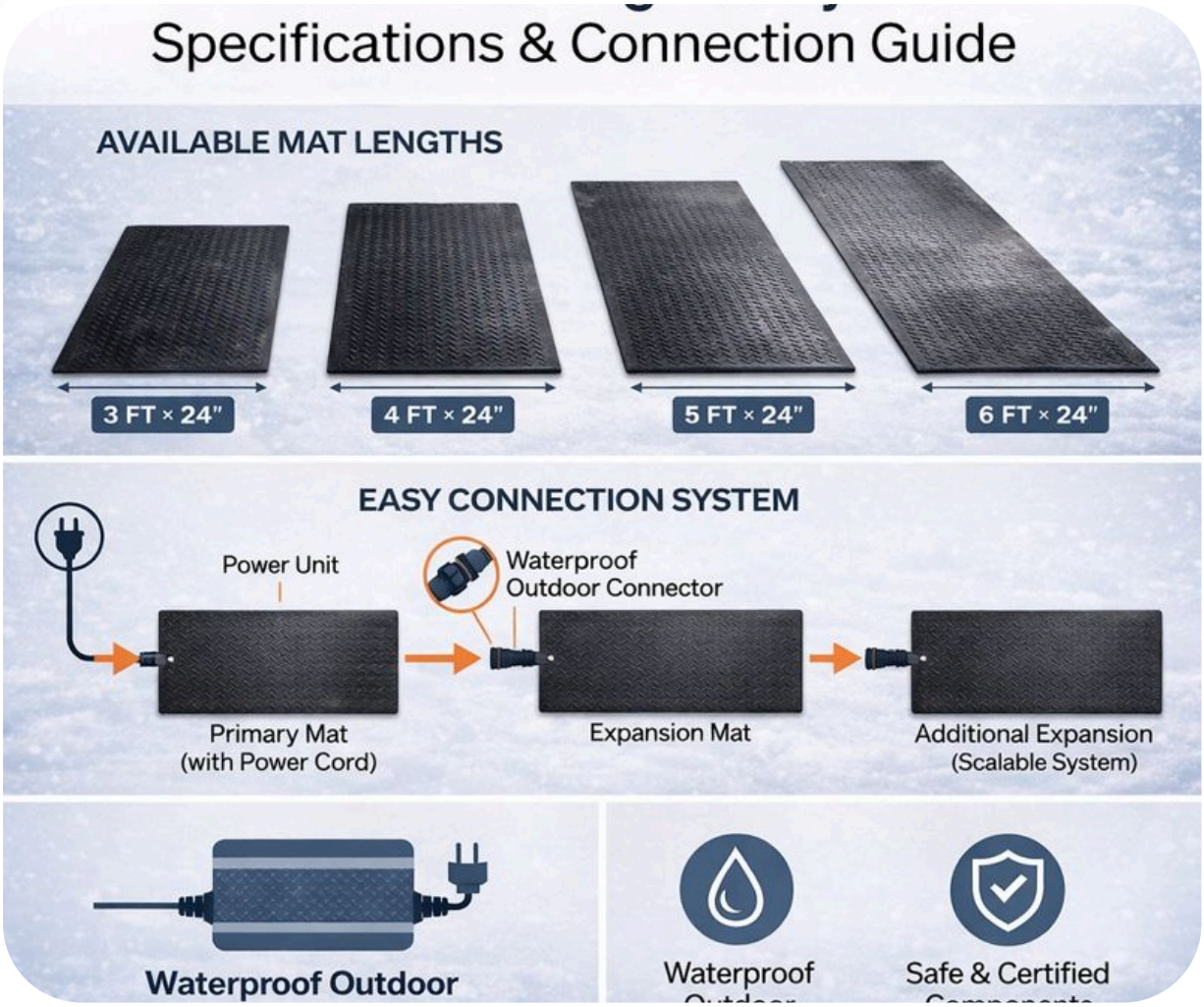
1. CLEAR SURFACE OF ROCKS AND DEBRIS.
2. LAY DIAMOND WALKWAY FLAT.
3. ORIENT CONNECTOR TOWARD POWER.
4. ALIGN AND TIGHTEN INTERLINK RINGS.
5. SEAL UNUSED CAPS FIRMLY.
6. PLUG GFCI INTO GROUNDED OUTLET.

AREA PREPARATION

ENSURE THE SUBSTRATE IS STABLE. FOR BEST PERFORMANCE, ENERGIZE THE MAT BEFORE SNOW ACCUMULATION BEGINS. RESULTS VARY BASED ON SNOWFALL RATE AND AMBIENT TEMP.



SYSTEM EXPANSION



MULTI-MAT RULES

LAY MATS SIDE-BY-SIDE OR END-TO-END. DO NOT EXCEED THE SYSTEM'S RATED LOAD. CHECK INDIVIDUAL MAT LABELS FOR SPECIFIC WATTAGE. NEVER OVERLAP ACTIVE UNITS.

TORSION SEALING

EVERY UNUSED FEMALE CONNECTOR MUST BE SEALED WITH THE ATTACHED TORSION CAP. FAILURE TO DO SO EXPOSES THE SYSTEM TO MOISTURE, CAUSING SHORT-CIRCUITS.

OPERATION & TESTING

GFCI SAFETY VERIFICATION

1. PLUG IN GFCI. PRESS RESET; LIGHT TURNS ON.
2. PRESS TEST; LIGHT TURNS OFF.
3. PRESS RESET AGAIN TO RESTORE POWER.



MANDATORY: IF GFCI FAILS, DISCONNECT IMMEDIATELY.

CUSTOMER SUPPORT

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