



Installation Instructions

Part No: 30RA-900---042, 30RA-900---043,
30RA-900---044 and 30RA-900---045

PACKAGE USAGE

| ACCESSORY PART NUMBER | UNIT SIZES 30RA |
|-----------------------|-----------------|
| 30RA-900---042 | 010, 015, 018 |
| 30RA-900---043 | 022, 025, 030 |
| 30RA-900---044 | 035, 040 |
| 30RA-900---045 | 045, 050, 055 |

PACKAGE CONTENTS

| ACCESSORY PART NUMBER | CONTENTS DESCRIPTION | QUANTITY |
|-----------------------|-------------------------|----------|
| 30RA-900---042 | Baffle (68.92 x 48 in.) | 1 |
| | Bracket | 3 |
| | Screws | 27 |
| 30RA-900---043 | Baffle (96 x 48 in.) | 1 |
| | Bracket | 3 |
| | Screws | 27 |
| 30RA-900---044 | Baffle (96 x 48 in.) | 1 |
| | Baffle (68.92 x 48 in.) | 1 |
| | Bracket | 6 |
| | Screws | 54 |
| 30RA-900---045 | Baffle (96 x 48 in.) | 2 |
| | Bracket | 6 |
| | Screws | 54 |

GENERAL

This book contains instructions for the installation of the wind baffles used on chiller models 30RA010-055 with Motormaster® V controls. The Motormaster V control must be purchased separately and is not provided with this kit.

This kit provides factory designed wind baffles for field installation when running the unit at low ambient air temperatures.

The standard outdoor-air temperature limitation of the AquaSnap® chillers is 45 F (7.2 C) (sizes 010-018) and 32 F (0° C) (sizes 022-055).

The Motormaster V electronic control low ambient operation kit can be used to extend the system operation down to -20 F (28 C).

SAFETY CONSIDERATIONS

WARNING

Disconnect all power to the unit before performing maintenance or service. Electrical shock and personal injury could result.

Installing, starting up, and servicing air-conditioning equipment can be hazardous due to system pressures, electrical components and equipment location.

Only trained, qualified installers and service technicians should install, start up, and service this equipment.

When working on air-conditioning equipment, observe precautions in the literature and on tags, stickers, and labels attached to the equipment.

Follow all safety codes. Wear safety glasses and work gloves. Use care in handling equipment.

PREINSTALLATION

Inspect the contents of the accessory package before installing. File a claim with the shipper if shipping damage is found or contact your Carrier representative if any parts are missing. See table above for kit package contents.

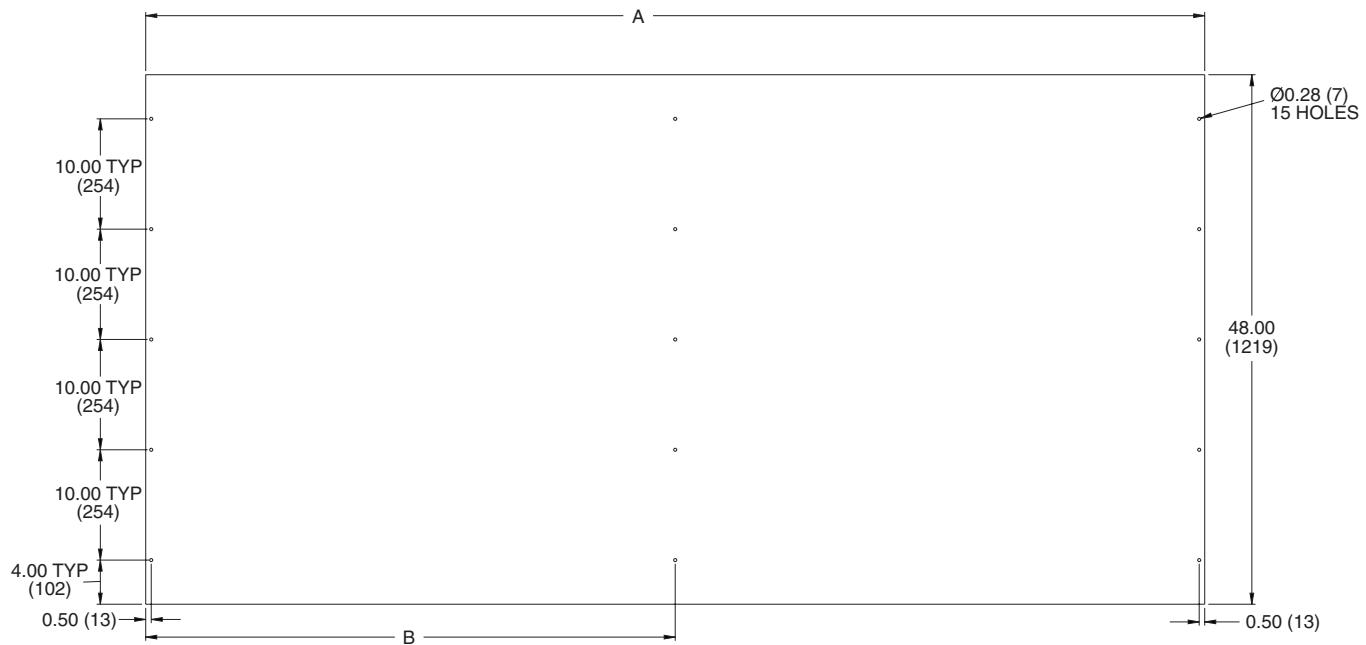
INSTALLATION

Install Wind Baffles and Brackets — Wind baffles must be field installed for all units to ensure proper operation at low-ambient temperatures with Motormaster V electronic controller. For unit sizes 010-030, one baffle is provided. For sizes 035-055, two baffles are provided. See Fig. 1 for baffle details. See Fig. 2 and 3 for baffle locations.

Use supplied screws to attach baffles and brackets to unit. Screws are $\frac{1}{4}$ in. (6.3 mm) diameter. Drill required screw holes for mounting brackets and baffles.

CAUTION

To avoid damage to refrigerant coils and electronic components, use extreme care when drilling screw holes and attaching fasteners.



NOTE: Dimensions are in inches (mm).

| UNIT SIZE | DIM A | DIM B |
|---|--------------|--------------|
| 30RA010-018, 30RA035-040 (circuit B side) | 68.92 (1751) | 34.46 (875) |
| 30RA022-030, 30RA035-040 (circuit A side) 30RA045-055 (circuit A and B side) | 96.00 (2438) | 48.00 (1291) |

Fig. 1 — Baffle Dimensions

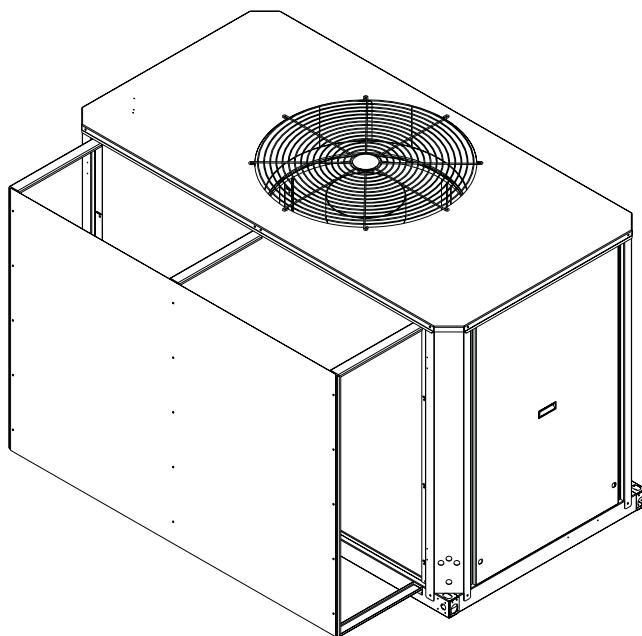
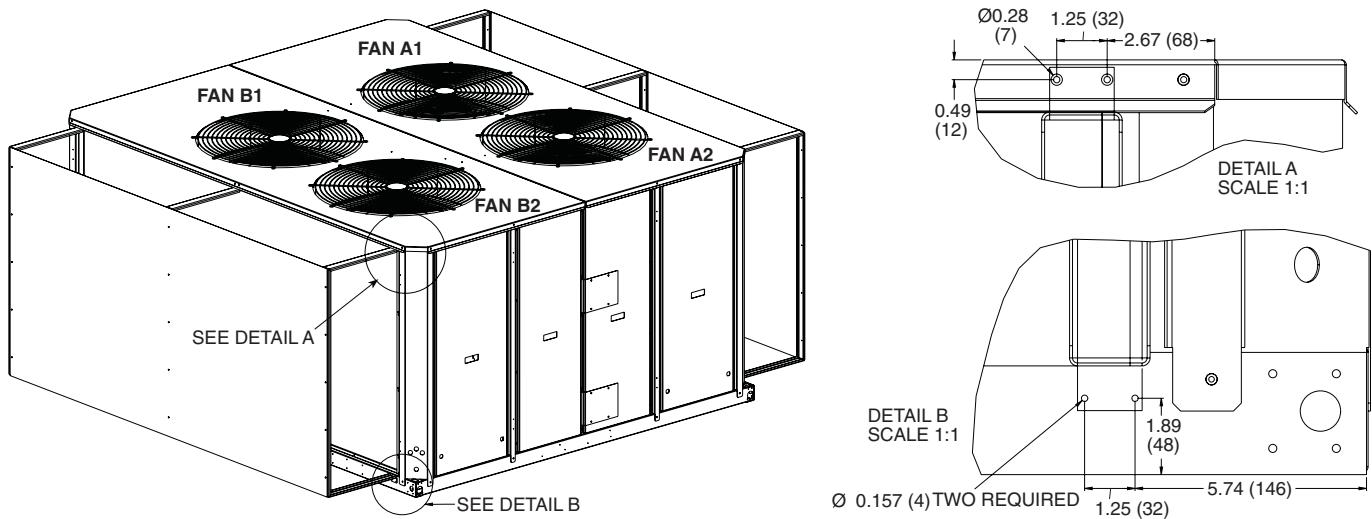


Fig. 2 — Baffle Location — 30RA010-030 Units



NOTE: Dimensions are in inches (mm).

Fig. 3 — Typical Baffle Location — 30RA035-055 Units (30RA045-055 Units Shown)

