



# HOUSING DEVICES, INC.

## HDI-ARA-AT Series



HDI-ARA-AT3 & AT3B\*



HDI-ARA-AT1 & AT1B\*

### PRODUCT OVERVIEW

The HDI-ARA-AT1 & 3 series of commercial extruded aluminum exit signs feature an attractive and slim housing design. Ideal for commercial and institutional installations, the slim profile of this extruded fixture blends perfectly with current interior decors. The HDI-ARA-AT1 & 3 series is available configured with high-output LED's in AC only and Self-Powered operation versions.

**AC ONLY:** comes standard configured with high-output LED technology, 120/277VAC input. HDI-ARA-AT1 & AT3

**SELF-POWERED:** comes standard configured with high-output LED technology, 120/277VAC input. Nickel-cadmium batteries provide a minimum 90 minutes of emergency duration. Optional 120 minute duration battery is available. Solid state charger & transfer. HDI-ARA-AT1B & 3B

### EXTERNAL SPECIFICATIONS

The ATX series is constructed from durable extruded Aluminum. Standard with a white baked powder coat finish. The HDI-ARA-AT1 & AT3 are also available in custom epoxy-based powder coat finishes (please specify). Single, double or universal face version must be specified. Universal mounting pattern and key hole slots are stamped into the back plate. Removable chevron arrows are standard on each fixture. The self-powered version comes standard with an external LED status indicator and test switch.

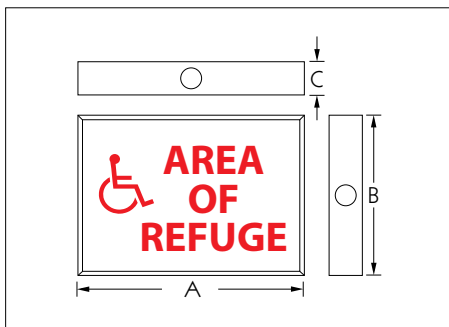
### INSTALLATION

The HDI-ARA-AT1 & AT3 is suitable for surface, ceiling, wall, end and pendant mounting. Suitable for indoor installations



Faceplate slides up and outwards for quick and easy installation.

### DIMENSIONS (in.)



| Wattage | A"  | B"     | C" |
|---------|-----|--------|----|
| 2x8W    | 13" | 7 3/4" | 2" |

### EXTRUDED DESIGN

The clean lines and thin design of the HDI-ARA-AT1 & AT3 series exit provides it with a modern and attractive appearance. The extruded aluminum frame contains no external holes or slots adding to the clean look while eliminating unwanted light leaks. The aluminum also forms a rigid and durable frame that can be securely mounted in any application. The face and back plates are mounted into the frame using a pin and channel system that permits simple and speedy removal during installation. This design also eliminates the need for any visible screws or fasteners.

### MECHANICAL SPECIFICATIONS

The HDI-ARA-AT1 & AT3 is constructed of sturdy extruded aluminum. Universal mounting pattern and key hole slots are stamped on the back plate. Surface mount conduit entry knockouts are also provided. Field removable directional chevron arrows are standard. The HDI-ARA-AT1 & AT3 is supplied standard with an attractive and durable white, baked powder coat finish. Other colors are available, including custom color matching, please specify. The face plate is held securely in place with a pin and channel system that allows the face plate to slide in the frame providing complete access to the interior of the sign. No visible screws, nuts or fasteners are used that would detract from the clean, modern design.

### ELECTRICAL SPECIFICATIONS

The HDI-ARA-AT1 & AT3 series is configured with high-output LED lamps. Standard with 120/277VAC input. All LED versions consume only 1.1W nominal power. Optional emergency illumination is provided by the LED light source at the following wattages: 6VDC - 0.5 Watts • 12VDC - 1.5 Watts • 24VDC - 3.5 Watts

### \*SELF-POWERED VERSIONS

The HDI-ARA-AT1B & AT3B self-powered series is designed to operate on battery power in the event of a regular / mains power failure. Both the battery and charger are completely contained within the standard enclosure. There are no external components and no alterations made to the external dimensions of the standard sign. The HDI-ARA-AT1B & AT3B self-powered series utilize a solid state transformer technology that eliminates the possibility of relay failure due to particle build up on the relay. Status is easily determined via an LED that indicates AC-ON. A push button test switch allows maintenance personnel to quickly confirm the operational status of the exit on AC fail.

### BATTERY TECHNOLOGY

The HDI-ARA-AT1 & AT3 is designed with a maintenance free, Nickel-Cadmium battery providing a minimum emergency duration of 90 minutes. An operational 120 minute Ni-Cad battery is available. Recharge time of the battery is twenty-four (24) hours. The maximum battery working temperature is 50° C.

### WARRANTY

The HDI-ARA-AT1 & AT3 Series comes with a 1-year factory warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

**407 R. Mystic Avenue - #32 • Medford MA 02155**

**800-392-5200 781-395-8000 (fax) www.housingdevices.com**