

| | |
|------------|--|
| Project: | |
| Type: | |
| Catalog #: | |



SPECIFICATIONS: INTERNAL

The RINCON XP comes standard with 120/277/347V input and is designed to perform in applications where the environment would punish any other unit. Lead acid battery is standard, Ni-Cad optional, provides a minimum emergency duration of 90 minutes. The solid state, high efficiency, dual rate charger provides precise float voltage control and low voltage disconnect protection.

SPECIFICATIONS: EXTERNAL

The RINCON XP series is constructed from .100" thick, heavy duty cast aluminum. Tamper resistant screws are standard and ensure the integrity of the battery unit. The RINCON series comes standard in an industrial gray color although custom color options are available upon request. The RINCON comes standard with an LED status indicator and test switch under the lens. The lens is constructed from a vandal resistant polycarbonate for maximum durability. Lamp and reflector assemblies are offered in a fully adjustable, high output MR16 halogen or LED configuration. Universal mounting pattern and key hole slots are cast into the backplate. Stainless steel mounting straps are supplied for surface mounting.

HAZARDOUS

The RINCON XP series is approved for use in Class I Division 2, Groups ABCD, Class II Divisions 1 & 2, Groups EFG: T coded T4A, T3B, T3A, T2D, T2A, or T1.

TEMPERATURE CODE

| Temperature Codes Class I, Div. 2 | | | | |
|-----------------------------------|----------|----------|----------|------------|
| Lamp | 10W Hal. | 12W Hal. | 20W Hal. | 7W LED max |
| T Code | T3A | T3B | T2D | T4A |

| Temperature Codes Class 2, Div. 1 & 2 | | | | |
|---------------------------------------|----------|----------|----------|------------|
| Lamp | 10W Hal. | 12W Hal. | 20W Hal. | 7W LED max |
| T Code | T4A | T4A | T4A | T4A |

ORDERING INFORMATION

| Series | Operation | Pb-A (Capacity) | Ni-Cd (Capacity) | Lamp Type | Options |
|--------|-----------|-----------------|------------------|--------------------|---|
| RIN-XP | 6 (6V) | 18 (6V) | 22 (6V) | See lamp selection | AT* (autotest) |
| | 12 (12V) | 27 (6V, 12V) | 42 (6V, 12V) | | guide on next page |
| | | 36 (6V, 12V) | 54 (6V) | | BZ (buzzer) |
| | | 60 (6V, 12V) | | | CC (custom color) |
| | | | | | FAI ³ * (fire alarm interface) |
| | | | | | NC ⁴ (nickel-cadmium battery) |
| | | | | | VM* (voltmeter) |
| | | | | | WG (wire guard) |

NOTE *: Only available in units 42W and under.
 NOTE 1: Includes an automatic time delay function specify 0, 5, 10 or 20 mins.
 NOTE 2: Only available with AT.
 NOTE 3: Specify type- open/closed dry contact.
 NOTE 4: NC (select wattage/voltage from Ni-Cd column).

SPECIFICATIONS: ELECTRICAL

BATTERY: The RINCON XP is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes. Recharge time of the battery is less than forty-eight [48] hours. An optional Nickel-Cadmium battery is available. The maximum battery operating temperature is +40°C and the minimum is +10° C.

CIRCUIT: The RINCON XP utilizes a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and high charge. A magnetic test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

SPECIFICATIONS: MECHANICAL

The RINCON XP is constructed from a durable, fully gasketed die-cast aluminum housing rated for NEMA 4X and IP66. Stainless steel mounting straps are supplied for surface mounting. These connectors allow for a large gauge of wire to be used, increasing the flexibility of installation. The RINCON XP is supplied standard in a durable gray powder coat, baked finish. Other colours are available, including colour matching, please specify. CSA 22.2 No. 141 Performance Certified.

AUTOTEST

The FME autotest system automatically performs one 5 minute discharge test monthly and every 6 months it performs two 30 minute discharge tests, 24 hours apart. This tests both full battery capacity and recharge capability. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED. The RINCON XP autotest option includes an automatic time delay function to allow for HID lighting to “warm up”. Specify 0, 5, 10 or 20 minutes.

- Red: Battery or Circuit Malfunction
- Yellow: Lamp Malfunctioning
- Green: Normal Operation

SANITATION LISTED (SL)

The RINCON XP is sanitation approved. The Intertek verified splash zone listing is equivalent to the NSF Standard 2, meeting the rigorous sanitation, electrical safety and performance standards of food service environments.

LAMP SELECTION:

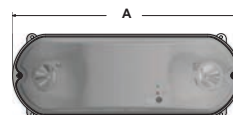
| | 6V | 12V |
|----------|---------|----------------|
| MR16 | 6W, 10W | 10W, 12W, 20W, |
| MR16 LED | 5W, 7W | 2W, 5W, 7W |

MODEL RAITING GUIDE

| Model | Voltage | Wattage | | | |
|-----------------------------|---------|---------|--------|--------|--------|
| | | 90min | 120min | 180min | 240min |
| RIN-XP-6-18 | 6 | 18 | 13 | 9 | 6 |
| RIN-XP-6-22 | 6 | 22 | 16 | 11 | 8 |
| RIN-XP-6-36 | 6 | 36 | 27 | 18 | 13 |
| RIN-XP-6-42 | 6 | 42 | 31 | 21 | 15 |
| RIN-XP-6-54 | 6 | 54 | 41 | 27 | 20 |
| RIN-XP-6-60 ^[1] | 6 | 60 | 45 | 30 | 22 |
| RIN-XP-6-72 | 6 | 72 | 54 | 36 | 27 |
| RIN-XP-12-36 | 12 | 36 | 27 | 18 | 13 |
| RIN-XP-12-42 | 12 | 42 | 31 | 21 | 15 |
| RIN-XP-12-60 ^[1] | 12 | 60 | 45 | 30 | 22 |

[1]NOTE: Not available with all options.

DIMENSIONS



| Series | A" | B" | C" |
|--------|--------|-------|-------|
| RIN-XP | 16.25" | 7.5" | 6" |
| | 413mm | 191mm | 152mm |

WARRANTY

The RINCON XP comes with a 3-year factory warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.