

# FORTEZZA COMBO (FTZC)

TITLE  
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Industrial Application Exits

Project: _____	Type: _____
Model: _____	Date: _____

■ The **FORTEZZA COMBO** is designed to stand up to high abuse areas such as correctional facilities, schools, apartment complexes, and public areas that may be subject to vandalism.

■ **Installation:** The **FORTEZZA COMBO** is available with a universal mounting canopy for field installations. Suitable for indoor, outdoor, damp or wet location applications with IP66 protection.



■ **Housing:** The heavy gauge die-cast aluminum housing and high abuse polycarbonate faceplate offers extreme protection and superior performance with a contemporary look.

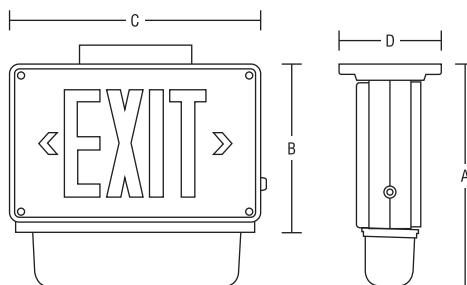
■ **Shield:** The stencil is protected by a 1/8" thick, impact resistant polycarbonate shield that is recessed into the housing and fastened with 4 stainless steel tamper resistant screws.

## ■ internal

The **FORTEZZA™ COMBO** has a 120/277VAC input. The maintenance free, sealed nickel-cadmium batteries provide a minimum 90 minutes of emergency duration. A two stage charger and transfer system is standard. Stage 1: a cyclic charge which brings the battery voltage to a higher pre-set level than its normal float voltage. Stage 2: charger will keep a constant charging current.

## ■ external

The **FORTEZZA™ COMBO** is constructed from .420" thick, heavy duty cast aluminum. The face plate is protected by high abuse clear polycarbonate, which is recessed into the housing. Stainless steel, tamper resistant screws are standard and ensure the integrity of the unit. The **FORTEZZA™ COMBO** comes standard in either black or white powder coat: please specify color. The **FORTEZZA™ COMBO** comes standard with an external LED status indicator and test switch. The lamp housing is constructed from a vandal-resistant polycarbonate for maximum durability.



Series	A	B	C	D
FTZ C	13.25" 337mm	9" 229mm	14" 356mm	3.75" 95mm

## ■ ordering information

EXAMPLE: FTZC 642 LR1U 2MR16 7WLED BB

Series	Operation	Capacity	LED	Face No.	Mounting	2 MR16 LED Lamps	Options <sup>1</sup>
FTZC	6 (6V)	36 <sup>1</sup> (36W)	LR (red)	1 (single)	U (universal)	2MR162WLED (2W, 12V only)	AT (autotest with 10 min. time delay)
	12 (12V)	42 (42W)	LG (green)			2MR165WLED (5W)	BB <sup>2</sup> (black body, black face)
		72 <sup>1</sup> (72W)				2MR167WLED (7W)	LT <sup>1</sup> (low temperature to -40°C)
ACCESSORIES							
	1PK12B <sup>2</sup> (12" pendant kit, black)		1PK24B <sup>2</sup> (24" pendant kit, black)				PK <sup>3</sup> (pendant ready)
	1PK12W <sup>2</sup> (12" pendant kit, white)		1PK24W <sup>2</sup> (24" pendant kit, white)				WW <sup>2</sup> (white body, white face)

NOTE 1: 36W & 72W options only available with LT option; for LT, must order 6V 36W or 12V 72W, 120V only

NOTE 2: Must specify powder coat finish - black (BB) or white (WW) - black is standard if no color is selected

NOTE 3: Pendant mount requires pendant ready option and pendant kit accessory (must use canopy to maintain IP66 rating), consult factory for other stem lengths (12", 24" & 48" std)

## ■ emergency heads

The **FORTEZZA™ COMBO** is supplied with two [2] bottom mounted MR16 LED lamps. The lamps are enclosed in a vandal-resistant polycarbonate shield. The high abuse clear polycarbonate lens provides protection to the lamps. Tamper resistant screws are standard. The emergency light enclosure comes standard with a vacuum metalized reflector for an aesthetic look.

## ■ electrical

**BATTERY:** The **FORTEZZA™ COMBO** is designed with nickel-cadmium batteries for the standard 42W model to provide a minimum emergency duration of 90 minutes. (Sealed lead calcium batteries are used in the 36W and 72W models for the LT option.) Recharge time of the battery is twenty four [24] hours. The battery operating temperature range is 10° to 40°C (50° to 104°F). A low temperature (LT) option reduces the minimum operating temperature to -40°C.

**CIRCUIT:** The **FORTEZZA™ COMBO** utilizes a high-efficiency two stage charger providing a fully automatic constant charging current 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. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

## ■ mechanical

The **FORTEZZA COMBO** is constructed of extra heavy duty die-cast aluminum with a 1/8" thick polycarbonate protective shield. Stainless steel, tamper resistant screws are standard. Field adjustable chevrons are standard. The **FORTEZZA COMBO** is standard in an attractive matte black or white finish. The polycarbonate face shield is recessed into the housing making the **FORTEZZA COMBO** one of the most rigid, yet attractive high abuse signs on the market.

## ■ model rating guide

Model	Voltage	Wattage			
		90min	120min	180min	240min
FTZC 642	6	42	29	21	15
FTZC 1242	12	42	29	21	15
FTZC 636	6	36	24	18	12
FTZC 1272	12	72	49	36	24

## ■ autotest

The Beghelli autotest system automatically performs one 5 minute discharge test monthly and every 6 months it performs two 90 minute discharge tests, 48 hours apart. This tests both full battery capacity and recharge capability. The information is communicated simply and intuitively to maintenance personnel via a single multicolor LED. No need to memorize complex indicator protocols. No confusing array of multiple, same colored LEDs that can be difficult to read from floor level. The **FORTEZZA COMBO** autotest option includes an automatic 10 minutes time delay function to allow for HID lighting to "warm up"

## ■ warranty

The **FORTEZZA COMBO** comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.