

## SH1950 Video Topper

Suitable for use in an interior environment, not sealed and not subject to dust, dirt and condensation.

### Features

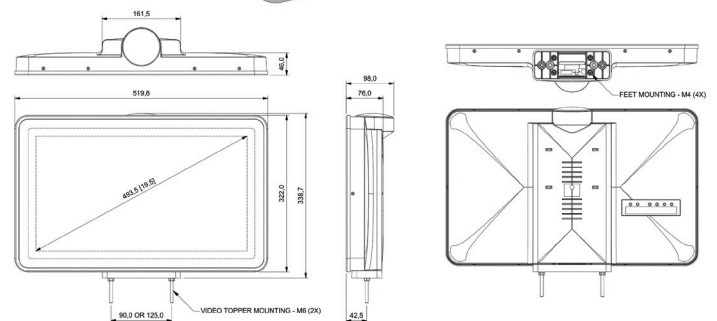
- 19.5" High viewing angle panel with LED back light (optional without LCD to be used as a light box)
- VGA or DVI connection
- RGB led illumination, covered by an acrylic front plate
- RGB optional with or without controller
- Classic mini tower light chrome 2 lamp or 3 lamp or no mini tower light optional
- Black or chrome bezel
- Black base included

### Technical Specifications

Size (L x H x W)	20.46" x 13.33" x 3.86" (519.6 x 338.7 x 98 mm)
Screen diagonal	19.5"
Pixels	1,600x900
Power consumption	1.9 A
Resolution	XGA 1024 x 768 720P (HD) 1280 x 720 WxGA 1366 x 768 HD+ 1600 x 900
Operating temperature	0 ÷ 50 °C
Operating temperature	Typical operating: 5 to 50C - 10 90% RH



Technical Drawings



Unit of measure: mm



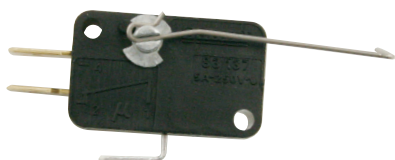
## Thank You For Joining Us At AMOA 2016

# Coin Mechanisms & Parts

## Coin Switch Assembly With Bend For SUZOHAPP Coin Doors



- Available with straight wire or custom bent to fit specific applications

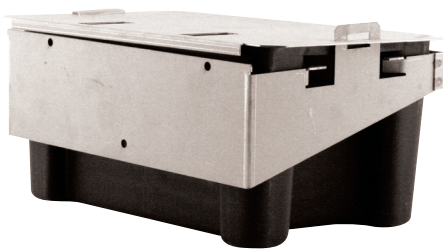


42-0394-00

## Coin Box Type 1 For Cashbox System IV



- For multi-player type doors
- Uses easy to remove Pacman style coin box with integral handle
- Replaces all awkward and difficult to remove OEM style coin box assemblies on 2,3 & 4 player games with 8-clamp door
- Easy to install - suspends from the doors two lower mounting bosses
- Estimated cashbox capacity: \$1,500 US Quarters



42-0075-00

## Coin Entry Restrictor For Over/Under Upstacker Validator Door



- Restricts entry of wrong size coinage
- 25.5mm opening - US quarters
- High quality plastic

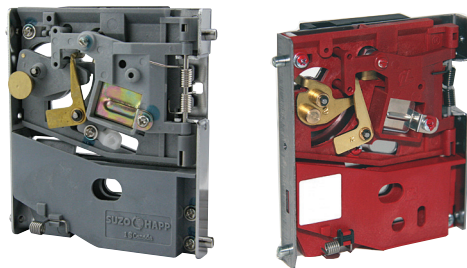


42-0405-00D

## Coin Mechanisms



- Mech utilizes metal base plate, metal cradles, plastic gate and coin return chute
- Each part made with great precision to produce a mech that is highly able to separate good coins from counterfeit coins
- Materials used for each part carefully chosen for optimum performance and durability
- High strength rare earth Neodymium magnet used to enhance mechs ability to reject false coins while accepting good coins
- Each mech fully tested and inspected
- Additional coin versions are available upon request



Part Number	Description
42-3066-101	Coin Mech For Canadian \$1.00
42-3091-100	Coin Mech For Canadian \$2.00
42-3062-100	Coin Mech For .882" Token
42-3063-100	Coin Mech For 1.00" Token

## Cube Hopper Payout Disc



- Payout disc for the SUZOHAPP Cube Coin Hopper
- RoHS compliant



Part Number	Description
10-0240-2	Works with US & Canadian 1¢ and 5¢, Mexico 1 Peso, or Tokens
10-0240-8	Works with Canadian 50¢ or \$1.00 coins

## Plastic Entry Bezel for SUZOHAPP Coin Doors



- Used on ICE HOOP FEVER and ICE Fast Trax and most other ICE games



42-0231-00D

## 19" LCD Replacement CRT Frame Kit



- Kit is designed with similar mounting dimensions as a 19" CRT monitor
- Allows the addition of a 19" LCD retro fit into an existing 19" CRT cabinet
- Also works with the Makvision 49-2773-30
- LCD is sold separately



49-2776-00

## 22" Vision Pro Led LCD Monitor CGA/ VGA Without Touchscreen



49-3092-00L

## TouchTunes 17" ELO LCD For Rhapsody

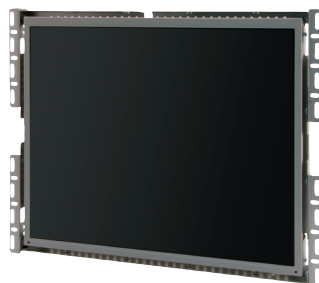


300323-001

## 19" Vision Pro GEN III LED Monitor With 3M Capacitive Touch Screen And Dual Controllers - Serial & USB



- SUZOHAPP's Dual Resolution Monitors
- Updated panel utilizes LED illumination of LCD
- Supports CGA, VGA, SVGA or XGA resolutions
- Refresh rate of 60Hz - 75 Hz
- Ideal for use in most Amusement applications
- Replace your old outdated CRT monitors with a Vision Pro LCD and give your games a new modern look



49-2604-353MDLED

## 27" Flat Monitor Bezel



- Monitor bezel for 27" flat CRT monitors.
- Plastic



49-1857-00

## 19" ELO LCD Touchscreen For MX-1 & Ovation



- For replacement kit see part number 600075-001
- Touchscreen only
- For use with Ovation & MX Jukeboxes

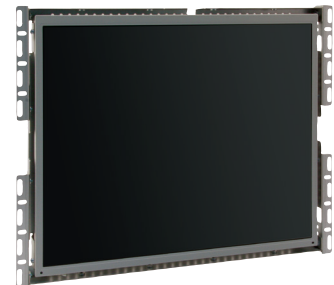


400757-001

## 15" Vision Pro LCD Without Touch Screen, GEN III



- SUZOHAPP's Dual Resolution LCD Monitors
- Units work in CGA, VGA, SVGA or XGA resolutions
- Ideal for use in most Amusement applications
- Replace your old outdated CRT monitors with a Vision Pro LCD and give your games a new modern look
- Made from high-grade components including SAMSUNG LCD panels, that offer better picture quality, balanced picture image and a longer life span with no burn-in (which is typical with traditional CRT monitors)
- All units have a unique frame design that allows you to adjust the depth of the LCD panel to accommodate use of a touch screen along with several standard and custom mounting configurations
- Built in connectors on back of LCD for both 6 and 10 pin RGB CGA Signal or DB15 VGA signal



49-2762-30



# We Have Your

## 270° Soft Hoop Steering Wheel With Potentiometer



- New innovative "Sure-Grip" design gives better control and feel
- Molded durable black rubber hoop with checkered flag cap
- Ball bearing construction
- Potentiometer control or encoder PCB
- Standard mounting
- Heavy duty construction
- Black cap with checkered flag logo fitted as standard



50-2838-00

## Over/Under Door With Cashbox And Full Metal Enclosure



- New, thicker 16 gauge steel for improved security
- Convertible Coin/Currency Door System compatible
- Sturdy one-piece frame of die cast aluminum
- Security ribs to prevent pry bar entry are cast into frame
- "Universal" Patented one-piece mech. holder design
- Will fit all known 3" x 5" mechanical and electronic acceptors in the market



40-0038-00

## 27" Wells-Gardner LED With Samsung Panel VGA/DVI (PR) FHD

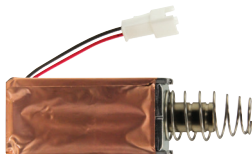


- 27" open frame LCD
- LED Back Lighting
- Lower Power Consumption
- FCC Approved



49-2958-00

## Recoil Solenoid For Time Crisis 4



TF09-11690-00

## Universal Pinball Validator Door Without Cashbox Assembly



- Replacement part for all Stern/ Data East/ Sega/ and Williams pinballs
- "Universal" Patented one-price mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market
- Heavy 16 gauge steel door
- Sturdy die cast aluminum frame
- Accepts bills and coins
- An available special coin box securely contains both bills and coins
- Available with or without validator
- Fitted with \$.25 US Mech



40-0696-30

## Gun Assembly, For Time Crisis 1, 2, 3 And Point Blank 2



Part Number	Description
PB03-03141-00	Gun Assembly - Pink
PB03-03141-01	Gun Assembly - Blue

## Sensor For Time Crisis PCB



- This unique amplified optic sensor circuit provides improved performance over the original version
- Amplification circuit allows game to function with older monitors that may have lost brightness due to age
- Replaces Namco sensor part number PB09-296-467



96-0454-00



# namco® Parts

5

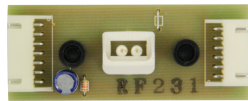
## Gun Shell Set Blue for Crisis Zone

- Original Namco Components



CZ09-12436-00

## LED Board For Time Crisis 4



TI05-11581-00

## The SUZOHAPP GUARDIAN Hasp For Over/Under Doors

- Unique design requires No Drilling, mounts directly to the cabinet
- 3/16" thick painted steel
- Fits on cabinets with very little clearance around the Validator door and those that have no supports to mount a standard security bar
- Can be easily moved from one cabinet to another



30-2401-00

## Replacement MS Pac-Man/Galaga Joystick

- For use within NAMCO 20 Year Reunion MS Pac-Man/GALAGA Cabinet
- Nylon and solid steel construction
- Microswitch reliability tested to 10,000,000 cycles
- Spring return-to-center
- Round 1.25" red knob offers familiar feel like original



50-6084-1125R00

## Solenoid For Time Crisis 1, 2, 3 And Point Blank



PB09-0040-56

## Elliptical Red IPB, 14V #161 Lamp, .250 Microswitch

- Made with highest quality materials
- Fits wood or metal control panels
- Polycarbonate lens cap for optical clarity
- Heat resistant plastic
- Microswitch reliability tested to 10,000,000 cycles
- Wedge base, T-31/4 DC #161 incandescent lamp standard



75-6004-80

## 250W UL Power Supply

- +5v 22A, +12v 9A, -5v 0.5A, -12v 0.5A, +3.3v 14A
- UL Recognized
- 250 watts of power (140 watts max for +5v & +3.3v)



80-1060-02

## Blank Door For Over/Under Door Assembly

- Fits all SUZOHAPP Over/Under doors, both top and bottom
- Painted with Black River texture - no embossing
- Blank lower door used on SUZOHAPP Over/Under door assembly (part number 40-0038-00)
- Blank upper door used on Time Crisis 4
- Dimensions: 6-5/8" W X 9-1/2" H
- Blank door with cutout for lock only - *lock not included*



42-3145-00

## Power Pro 5 Amp UL, CE, CUL Power Supply

- Extruded aluminum case can be mounted vertically, horizontally or against a wall
- Dual AC input 115v/230v, selectable by switch
- +24v 5A
- UL, CUL, and CE recognized
- 120 watts of power
- Will accept wide #8 Terminal
- Hi-pot tested
- Silver case
- 1 Year Warranty



80-0216-00

# Your Source for Cash M



## DTC 600 – *Ultimate Coin Sorter*



The latest DTC solution is designed to satisfy the market's need for reliable and modern cash processing. It is a strong performer in sorting and counting, as well as in rejecting foreign and damaged coins. Through the unique sensor technology the solution offers outstanding accuracy, combined with reliable functions. Maximize the efficiency at the same time as you increase the accuracy, enabling you to focus on more profitable tasks.

153-DTC0601-USD

## SC 1600 – *Versatile and Meticulous*



The SC 1600 features unique and revolutionary technology to identify counterfeits. The machine uses sophisticated magnetic ink recognition and infrared recognition in order to verify the banknotes' authenticity. The SC 1600 offers a high throughput of up to 1,500 notes per minute. Standard functions include continuous counting as well as variable batching of any quantity between 1 and 999 notes. The machine batch to maintain high throughput.



001-018520-600



## SC 303 – *Efficient Cash Handling*



With counting speeds up to 2,700 coins/minute, the SC 303 is a real time-saver. A reliable partner for banking, retail, amusement and other businesses that need to count, verify or bag coins or tokens. The solution is so compact it they will fit in wherever you need to use it. Two separate adjustments for coin diameter and coin thickness make the SC 303 a universal choice. A side bag attachment for rejected coins is standard. Other benefits for the user are pre-selectable bag stops, memory, automatic reverse function removing jammed coins and automatic stop and offsort function for smaller coins.

012461-005US



## RCS Solutions Features



### Cash Handling Volume

High note recycling capacity of up to 12,500 notes with 5 configurable cassettes and high coin recycling capacity of 23,000 coins for multiple denominations.

### High Security and Storage Capacity

The new overflow box (5,500 coins) increases the total storage of coins up to 28,500.

### User-Friendly

Easy to navigate end-user interface for a quick and straightforward employee operation and immediate management accessibility.

### Flexible UCD Options

UCD with coin cups or a large tray for big dispense operations. Prepared for adaptation to customer tills.

## Proven Technology

### Unique Software Platform

The RCS Solutions is connected to the unique Software platform OrchardJ and SoftOne Intelligence, enabling optimal cash management.

### Small Footprint

The robust design with small footprint optimize the back office environment.

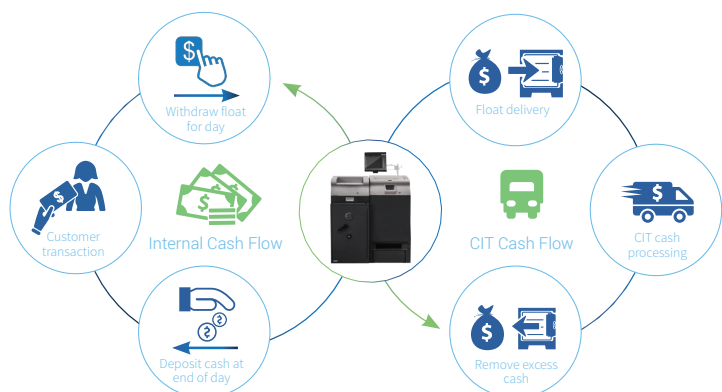
### Best-In-Class Cash Handling Technology

The heavy duty cash recycler, together with its proven sensor technology, makes it one of the strongest solutions on the market.

RCS400

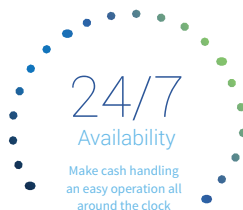
## Turn Cash into Real Value

The RCS Solutions is a powerful automater for your back office operations within hospitality, retail, leisure and public transport. Make this smart solution part of your daily operations and decision makings, instead of spending hours on administration and counting. This ensures quick return of investment through dramatically improved cash management. Feel safe with proven and best-in-class technology and system.



## Explore an Efficient Cash Cycle all the Way Around

The steady flow of cash into your back office needs to be counted, allocated and secured quickly and efficiently. With the RCS Solutions you take control of your cash through an efficient cash cycle all the way around, from internal cash handling to CIT operations. This ensures both time and cost savings, as well as an increased customer service.



**SCAN COIN**  
a SUZOHAPP brand



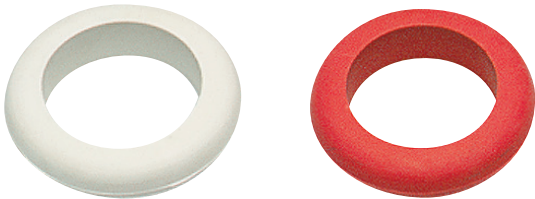
### 48" 3-Lamp Billiard Light

- Includes three 14" shades (Green Plastic)
- Traditional shades add class to any location



24903PB

### Bumper Rings



Part Number	Description
26-0459-00	Bumper Ring For Bumper Pool - White
26-0460-00	Bumper Ring For Bumper Pool - Red

### Web Pockets Black Plastic

- 6-7/8" shallow depth pocket
- Molded durable black plastic
- Set of 6



26-1381-10

### Kessler-Ellis 6-Digit Meter, 12V DC, With Bracket, With Diode



- Electric, non-resettable counter
- 6 digit, counts to 999,999 then repeats
- 600 counts per minute
- 10" wire leads



42-0614-00

### Screw-in Cue Tip 13mm

- 13mm screw-in cue tip
- Minimum order is 25 pieces



26-1670-00

### Pool Table Covers

- Pool covers add years to the life of the cloth.



Part Number	Description
26-1143-00	Pool Table Cover for 7ft, 8ft, and 9 ft Tables - Green Vinyl
26-1849-00	Heavy Duty Pool Table Cover for 7ft, 8ft, and 9 ft Tables

### Oak Billiards Accessories Kit



- Wood 15 ball triangle
- Wood 9 ball rack
- Wall cue rack, holds 6 cues
- Shaker bottle
- 2 chalk holders
- Tally ball set
- 9" nylon brush
- Rail brush
- Blue chalk, 12 pieces
- Deluxe repair kit
- Clear PVC table cover
- Chinese ball set
- 57" bridge stick, 2 piece
- 4 maple cues, 2 piece



26-1779-00

## Tournament Soccer Men

- Replacement Foosball man for Tournament Soccer
- Made of hard plastic for longevity
- 11 total needed per game



Part Number	Description
26-1483-00	Red Man For Tournament Soccer
26-1484-00	Blue Man For Tournament Soccer

## Orange Shuffle Puck

- Used on Interactive Light Slide-It game
- Made from Delrin material



26-1520-00

## White Fluorescent Mallet For Air Hockey Games

- The most commonly replaced hockey part.
- Dynamo Ref No 860400210



26-1245-01

## Assorted Pucks



51-0100-B



100013



51-0301-01

Part Number	Description
100013	Red Puck For ICE Fast Track, Hard Plastic
51-0100-B	3-1/4" Yellow Puck For Dynamo Air Hockey
51-0301-01	3-1/4" White Quiet Puck For Air Hockey Games

## American Made Shuffleboard Pucks

- Heavy Chrome plated steel
- 2 5/16" diameter
- Set of 8 (4 Red / 4 Blue)
- Balanced for better feel and control



26-1138-00

## Assorted Foosballs



49-0550-16BWC



49-0550-11S



49-0550-15C



49-0550-15



26-1804-00



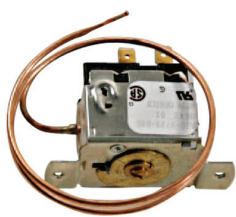
205-1517-0

Part Number	Description
49-0550-15	Dynamo Foosball, Fuzzy Yellow
205-1517-0	Tornado Red
26-1804-00	Red Soccer Style
49-0550-11S	Smooth White Molded
49-0550-16BWC	Soccer Style, Black & White Checkered Surface
49-0550-15C	Yellow Composition Surface

# Vending Parts & Accessories

## Vendo Temperature Control

- For Vendo/USI can soda machines
- With straight probe
- Ref. No. 368794
- RoHS compliant



Vendo

RoHS



H368794V

## Dixie Narco & Vendo Sold Out Light - #S-5025-10

- Universal sold out lamp that works with the new Clear Push buttons
- Not for Royal Vending machines



RoHS

91-1160-00

## Commodity Valve Body For RMI Coffee Machines



H27786RM

## Everpure 4K-Plus Filter

- Improves the taste of hot and cold drinks, especially in areas with poor water quality
- For hot water applications
- Packed 6 per case
- Capacity: 3,000 gallons
- 5-micron precoat filter containing KDFR media



EVERPURE

27-1289-00

## Everpure 4H Hot Water Filter

- For hot water applications
- Capacity: 1,500 gallons
- 1/2-micron precoat filter rated for chlorine taste and odor, particulate, asbestos and cyst reduction
- Packed 6 per case
- Phosphate scale inhibition



EVERPURE

27-1010-00

## Control Standoff For Vendo



1121740

## Slam Nut Assembly Kit

- Allows you to simply 'slam' the T-Handle in after closing the door
- Eliminates screwing the T-Handle into the cage nut



Vendo

30-0120-00

## Armature and Spring - Commodity Valve For RMI



H30598RM

## Everpure 4C Cold Filter

- 1/2-micron precoat filter rated for chlorine taste and odor, particulate, asbestos and cyst reduction
- For cold water applications
- Packed 6 per case
- Capacity: 3,000 gallons



EVERPURE

27-1011-00

## 3M Vending Hot Water Filter

- Economical 3M water filter is a direct replacement for Everpure 4H and 4K
- No need to change head - fits in industry standard heads
- 2,000 gallon (7,571 liters) capacity or 266 cups/day
- Micron rating 0.50



3M

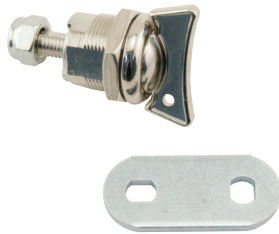
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# Security & Maintenance

## 5/8" Keyless Thumb Turn Cam Lock

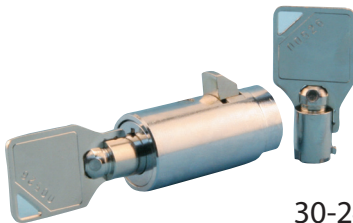
- Useful for shipping coin-op cabinets to prevent door from opening in transit (also called a shipping lock)
- 90 degree (1/4 turn) rotation to lock/unlock
- Includes hex nut, cam nut and cam



30-0325-00

## SUZOHAPP 7-Pin Inner Cylinder Lock, Keyed Different

- 7-pin tumbler locks provide high security
- Bright chrome finish



30-2481-KD

## Wypall® L40 Wipers

- Convenient, strong and reusable.
- Durable Pop-Up® box to protect from dirt and water



27-0105-00

## Condenser Fin Whisk Brush

- Clean the dirty fins in back of your machines



27-2026-00

## Mini Razor Blade Holder and Scraper

- Blade easily snaps in and out
- Blade can be stored upside down for safety
- Holds blade securely for scraping jobs
- Includes one blade



49-5053-00

## Momentary Switch Lock Ka 2205 1 Key With Red Key Cover (5-1665)

- Current Rating: 4A 125VAC, 2A 250VAC
- Contact Resistance: 10 Milli-Ohms Max.
- Insulation Resistance: 500 Meg-Ohms Min.



30-1086-2205

## Deluxe Wrap Around Adjustable Hasp With 10" Side Plates

- Only 1 padlock needed
- Adjusts from 20" to 36"
- 10" Side bars make this ideal for use on "Pot of Gold"



30-0013-01

## "Guardian" Over/Under Mid-Width Validator Door Hasp Type II

- For use on 40-3000-00 series over/under mid-width doors with or without upstacker.
- 3/16" thick painted steel.



30-0171-10

## Hurricane Canless Air System™

- This GREEN product blows the air we breathe at over 200 MPH
- No harmful gasses to the environment or danger to humans or pets
- Runs off a rechargeable battery



92-2427-00

## Folding Step Stool

- Attractive enough for the home, but strong enough for commercial use
- Folds quickly and conveniently down to a mere 2" for easy storage and portability - plus includes a built-in handle



92-2491-00

# SUZOHAPP

1743 Linneman Road  
Mount Prospect, IL 60056

Toll Free Phone: 888-289-4277

Toll Free fax: 800-593-4277

Las Vegas: 888-289-4277

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# SUZOHAPP



## CLEARANCE

### Ticket Door For Entropy Triple Door



- For use as a replacement ticket door in Entropy 3-in-1 door assembly that uses a downstacker bill validator
- No validator cut-out



**\$15.99 ea.**  
42-3536-00

### Pyramid PRO-2 Bill Validator Programmer



- Plug-and-Play; Fast, Automatic Flash Updating of Pyramid Bill Validators
- Easy to setup - Use PC to store the latest firmware in the Pro-2 handheld programmer
- No power supply needed

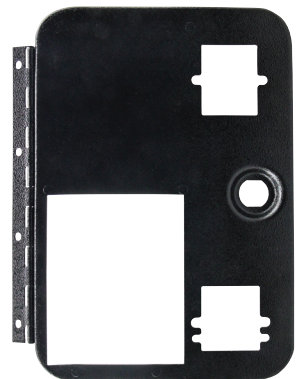


**\$75.62 ea.**  
PRO2

### Mini Door 1E S2000 (500)



- Plain, black metal door for older Wells Gardner unit



**\$18.87 ea.**  
891-0609-16

Order 3 Ways - Web  
suzohapp.com

Call  
888-289-4277

Fax  
800-593-4277