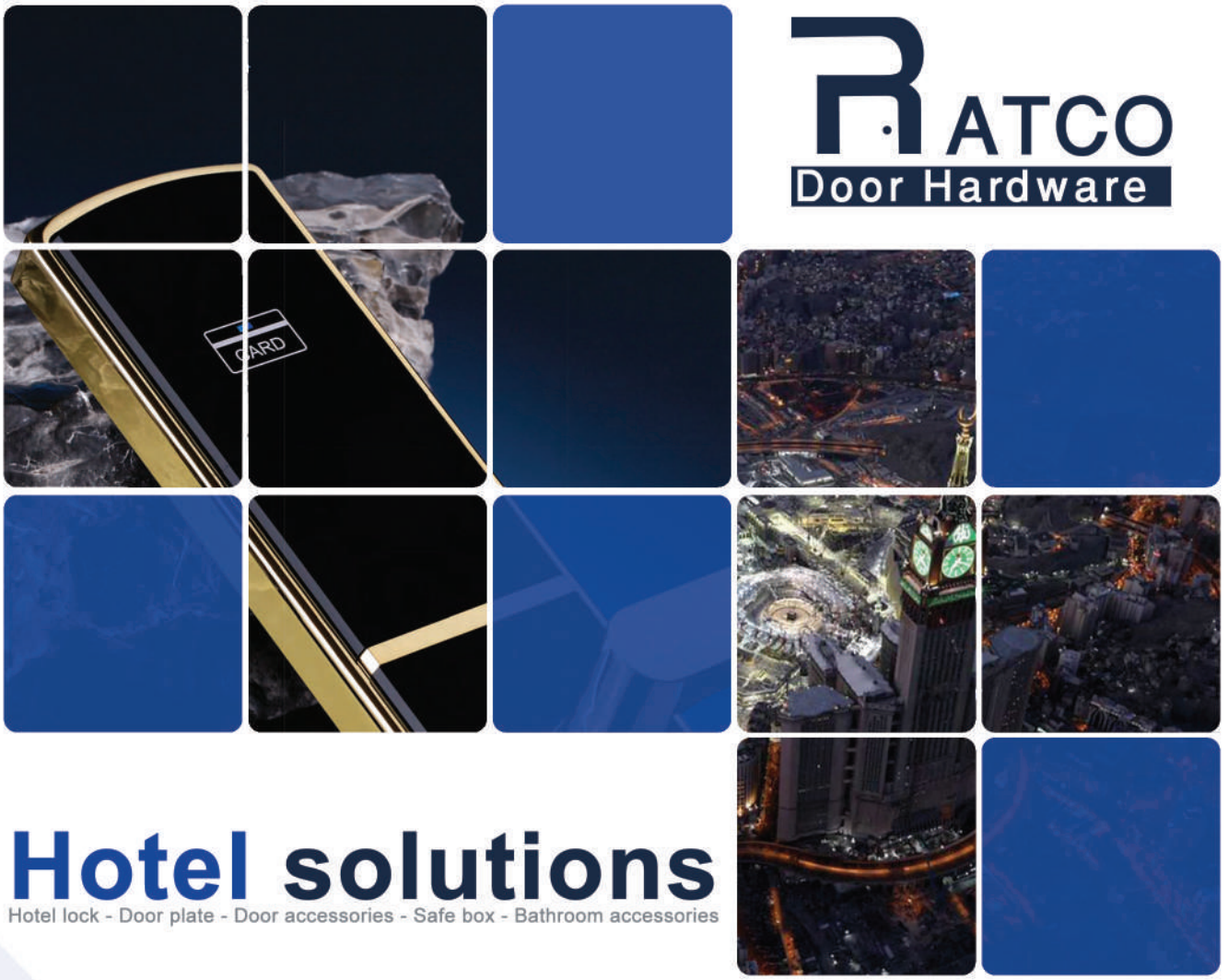


RATCO
Door Hardware

Hotel solutions

Hotel lock - Door plate - Door accessories - Safe box - Bathroom accessories

R.D.H

ANSI UL LISTED CE BHMA CERTIFIED

HOTEL LOCK MANAGEMENT SOFTWARE

- امكانية ربط برنامج الاقفال الفندقية مع برامج ادارة الفنادق
- امكانية تشغيل البرنامج على اكثر من جهاز استقبال
- امكانية التحكم بالابواب العامة للفندق مثل (مدخل المواقف – المصعد - المطعم)
- توفير الكهرباء من خلال التحكم بموفر الطاقة لغرفة النزيل عبر برنامج الاقفال الفندقية وفقا لمدة حجز النزيل.
- **التقارير:**

أ- يمكن الحصول على تقرير بكل عمليات التسكين داخل البرنامج وطباعته مرفقا مع اسم موظف الاستقبال.

ب- يمكن الحصول على تقرير بكل عمليات الفتح للقفل الالكتروني ومعرفة نوع عملية الفتح (كرت نزيل - كرت ماستر - كرت البرمجة - فتح بمفتاح القفل الميكانيكي) ومعرفة وقت الفتح والتاريخ.

- Integration availability with PMS software's, FIAS interface listed on Oracle.

- **Multi-Desk Reception user:** RDH hotel management system with (server-client) feature,that one Database server can serve many receptions Desk via LAN in same time.

- **Public-Door:** Support and Manage all Hotel main doors from Desk reception (Parking Barrier gate · Elevators...).

- **Smart Energy Safe:** RDH Hotel Management system Linked to E.S switch to control ON/OFF Guest room power automatically according to his reservation (chick-in/out time).

- **Reports:**

A- Ability to get and print all guests (check in/out) actions on software with recepti user name

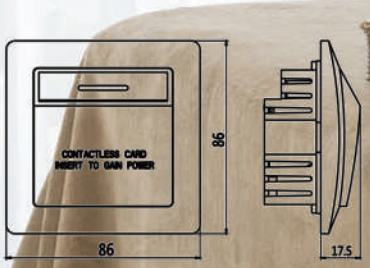
B- By using RDH PPD you can get all (Audit-trails records) all opens records on the Electronic lock and review it in RDH hotel management system as excel file report contains opens types guest card-Master card-programing card-Mechanic Key and open times.

ENERGY SAVING SWITCH

Room No.Type Energy Saver (Model: ESS-MF40S) Only the right room card can be used on the saver for power. it is simple to install the saver and connect the cable with the input/output/null pole. With load cct control.

PARAMETERS

Working voltage: AC220V + 10%
Working current: 40A
Rated power: 7000W
Time delay: 15 seconds
Dimension: 86 mm x 86mm
Working temperature: -40°C+ 50°C
Working humidity: RH 10% 90%.
Material: flame—retardant PC.
Color: White/Golden/Grey/Black



HOTEL LOCK

RDH-811
ANSI Standard

Material:
Stainless steel 304.
Material Mortise:
Zinc Alloy.
Finish:
Satin / PVD Golden /
Black Nickel.

RDH- 812
ANSI Standard

Material:
Stainless steel 304.
Material Mortise:
Stainless steel 304.
Finish:
Satin / PVD Golden /
Black Nickel.

RDH-712
ANSI Standard

Material:
Zinc Alloy and Acrylic.
Material Mortise:
Stainless steel 304
Finish :
Chrome plated / PVD

RDH-900
ANSI Standard

Material:
Stainless steel 304.
Material Mortise:
Stainless steel 304.
Finish:
Bright Golden / Satin/
Black.

RDH- 912
ANSI Standard

Material:
Stainless steel 304.
Material Mortise:
Stainless steel 304.
Finish:
Bright Golden / Satin /
Black.

RDH-600
ANSI Standard

Material:
Aluminium and Acrylic.
Material Mortise:
Stainless steel 304.
Finish:
Bright Golden / Satin/
Black.

RDH-612
ANSI Standard

Material :
Aluminium and Acrylic.
Material Mortise:
Stainless steel 304.
Finish:
Bright Golden / Satin /
Black.

RDH-500
Euro standard

Material:
Stainless steel 304.
Material Mortise:
Stainless steel 304.
Finish:
Satin / PVD Golden /
Black Nickel.

RDH-520
Euro standard

Material:
Zinc Alloy and Acrylic.
Material Mortise:
Stainless steel 304.
Finish:
Chrome plated / PVD Golden /
Black Nickel.

TECHICAL DATASHEET

Applicable card: MIFARE contactless (RF) card.

Power Supply: 6V - 4 Standard +AA alkaline Batteries or standard +AAA alkaline batteries.

Low Voltage Warning: When Power Voltage less than 4.8V,Warning Alarm will be when Unlock.the lock working for 150 times before batteries replaced.

Emergency Unlocking: By Master card or mechanical key.

Instalation requirment: Door thickness between 30mm to 65mm.

Static Consumption: 25uA.

Dynamic Consumption: 150mA.

Humidity: %95~20.

المواصفات الفنية

نوع البطاقة: بطاقة عدم التماس تعمل بموجات الراديو (RF) من M1.

مصدر الطاقة: 6 فولت - 4 بطاريات (حجم AA+ / أو حجم AAA+).

التحذير من انخفاض الطاقة: عند انخفاض الفولت لأقل من 4.8 فولت يتم التنبيه عند فتح القفل, يمكن فتح القفل حوالي 150 مرة قبل تغيير البطاريات.

الفتح الاضطراري: يمكن فتح الباب ببطاقة الفندق الرئيسية أو بواسطة المفتاح العادي الميكانيكي.

متطلبات التثبيت: يجب أن تكون سماكة الباب بين 30 ملم 65 ملم.

استهلاك الطاقة عند السكون: 25 ميكرو أمبير.

استهلاك الطاقة عند التشغيل: 150 مللي أمبير.

الرطوبة: 95% - 20%.

HOTTEL DOOR PLATE SERIES

RDH-SH-MLC
(C) SERIES LCD

Size: 86mm×258mm×7mm
Material: Micro crystal plate.

RDH-SH-MLD
(D) SERIES LCD

Size: 145mm×240mm×9mm.
Material: Micro crystal plate.

RDH-SH-MLE
(E) SERIES LCD

Size: 130mm×230mm×9mm.
Material: Micro crystal plate.

RDH-SH-MLF
(F) SERIES LCD

Size: 120mm×380mm×9mm.
Material: Micro crystal plate.

RDH-SH-MLI
(I) SERIES LCD

Size: All Sizes.
Material: Stainless steel panel.

PRODUCT FEATURES

- LCD touch screen,with uniform brightness,large area and high-grade.
- Capacitance touch doorbell.
- High-grade,Zinc alloy metal edge.
- Personalized hotel logo.
- PC flame retardant insulation bottom box, conform to the international fire standards.
- Standard 86 bottom box installation. Convenient installation.
- Extended function: work with various brands of guest control host.

CUSTOMIZED DESIGN

- LCD touch screen, with uniform brightness, large area and high-grade.
- Capacitive touch doorbell button.
- High-grade, Zinc alloy metal edge.
- Personalized hotel logo.
- PC flame retardant insulation bottom box, conform to the international fire standards.
- Standard 86 bottom box installation. Convenient installation.
- Extended function: work with various brands of guest control host.

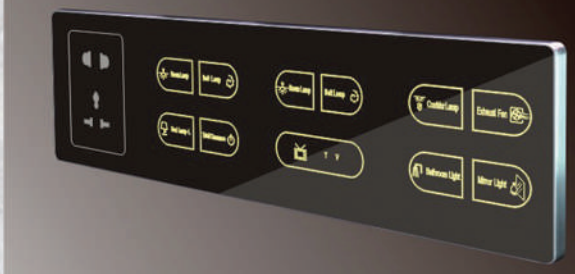
TECHNICAL PARAMETER

Working voltage: DC 12V, AC 220V.
Installation environment: 86 bottom box.
Working temperature: -10 C / +60C
Working humidity: %95-0 .
Service life: Relay electric shock more than 100000 times.

HOTEL SMART SWITCH

TECHNICAL PARAMETER

Operating voltage: AC 220V .
Operating power: Ultra-low power design, standby power consumption is less than 0.2W.
Working temperature: Suitable for 0°C 50°C transport storage temperature Range -20 C 80°C.
Operating Humidity: 0-90% RH.
Working life : 100,000 keys, 100,000 relay contacts.
Rated power per channel: Resistive 500W, inductive load 100W.
Scalable function: Matching with each model host.



TOUCH RDH-8008 SERIES

Technical Description

Panel: Colorful crystal panel, crystal clear, never change color.
Border: 7mm ultra-thin zinc alloy metal frame.
Bottom Box: ABS fireproof material.
Color: Sapphire blue, crystal white, rose gold,champagne gold, brown, black .

RDH-CM8008-3YH

RDH-CM8008-4YH

RDH-CM8008-1YH1 RDH-CM8008-1YH2 RDH-CM8008-1YH3 RDH-CM8008-1YH4

TOUCH RDH-6008 SERIES

Technical Description

Panel: Ultra-thin 7MM thick aluminum with integrated panel, Perfect combination of fashion and sturdiness, filing noble; Champagne Gold, rose gold, metal gray, black titanium optional.
Bottom box: Used in International Box 86, ABS fireproof material.

RDH-LR6008B

RDH-LR6008B

RDH-LR6008B

TOUCH RDH-6006 SERIES

Technical Description

Panel: Ultra-thin 7MM thick aluminum with integrated panel, Perfect combination of fashion and sturdiness, filing noble; Champagne Gold, rose gold, metal gray, black titanium optional.
Bottom box: Used in International Box 86, ABS fireproof material.

RDH-ZR6006B

RDH-ZR6006B

RDH-ZR6006B

RDH-ZR6006B

TOUCH RDH-6001 SERIES

Technical Description

Normal lighting switches 220v 10A , 1W (3-1 Gang).
Panel: Ultra-thin 7MM thick aluminum with integrated panel.
Border: 7mm ultra-thin zinc alloy metal frame, perfect combination of fashion and sturdiness.
Bottom Box: ABS fireproof material.

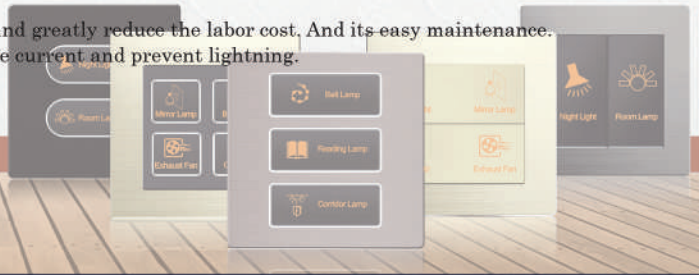
RDH-JX6001-2JJ

RDH-JX6001-3JJ

RDH-JX6001-4JJ

FEATURES

Intelligent function: Dual control (One axis twisted pair, easy to achieve dual control or multiple controls), multi-control, total off, welcome mode (When the guest opens the door and enters the room, the room light is automatically turned on, And the curtains are automatically opened), sleep mode and other humanized lighting Modes are the first choice of smart hotels, High-end residential, high-end business office.
Smart Do Not Disturb: The Do Not Disturb feature is activated automatically after the sleep mode and the doorbell off it Will not be interrupted by anyone in the dream.
Long life: The use of imported touch keys, manually applied life of more than 100,000 times. The power supply uses imported Chips To ensure 100,000 closed life.
The installation and wiring are simple. The hotel electrician can directly operate and greatly reduce the labor cost, And its easy maintenance.
Safe and stable: high safety factor; built-in overload protection, can prevent Surge current and prevent lightning.
Energy Saving: Low power usage.



HANDLE

RDH-HHS 121
Euro Standard Lever Handle

- Applicable to wood and metal doors.
- Stainless steel 304 round tube.
- Built-in retaining spring construction.
- Door thickness 45 - 38mm.

RDH-HHS 123
Euro Standard Lever Handle

- Applicable to wood and metal doors.
- Stainless steel 304.
- Built-in retaining spring construction.
- Door thickness 45 - 38mm.

RDH-HHS 125
Euro Standard Lever Handle

- Applicable to wood and metal doors.
- Stainless steel 304 round tube.
- Built-in retaining spring construction.
- Door thickness 45 - 38mm.

RDH-HHS 126
Euro Standard Lever Handle

- Applicable to wood and metal doors.
- Stainless steel 304 round tube.
- Built-in retaining spring construction.
- Door thickness 45 - 38mm.

RDH-HHS 127
Euro Standard Lever Handle

- Applicable to wood and metal doors.
- Zinc-Alloy.
- Built-in retaining spring construction.
- Door thickness 45 - 38mm.

RDH-HHS 137
Euro Standard Lever Handle

- Applicable to wood and metal doors.
- Stainless steel 304 solid.
- Built-in retaining spring construction.
- Door thickness 45 - 38mm.

RDH-HHS 138
Euro Standard Lever Handle

- Applicable to wood and metal doors.
- Stainless steel 304 solid.
- Built-in retaining spring construction.
- Door thickness 45 - 38mm.

RDH-HHS 139
Euro Standard Lever Handle

- Applicable to wood and metal doors.
- Stainless steel 304 solid.
- Built-in retaining spring construction.
- Door thickness 45 - 38mm.

Finish : Stainless steel ٣٠٤ Chrome plated PVD

Full Mortise Template Hinges

RDH-HHS B911

- Standard weight
- Stainless steel 4BB base
- Know ANSI A-156.1A8112

Specification (L x W)		Material Gauge		Standard Screw Size	
Inch	mm	Inch	mm	FHMS	FHWS
5.0 x 4.5	127 x 114.3	.146	3.71	12 x 24 x 12/	12 x 1 ¼
5.0 x 4.0	127 x 101.6	.146	3.71	12 x 24 x 12/	12 x 1 ¼
4.5 x 4.5	114.3 x 114.3	.134	3.4	12 x 24 x 12/	12 x 1 ¼
4.5 x 4.0	114.3 x 101.6	.134	3.4	12 x 24 x 12/	12 x 1 ¼
4.0 x 4.0	101.6 x 101.6	.118	3.0	10 x 24 x 12/	10 x 1 ¼
4.0 x 3.5	101.6 x 88.9	.118	3.0	10 x 24 x 12/	10 x 1 ¼

CYLINDER

RDH-CDC 111
Double Cylinder

•Optional 5 pins or 6 pins.
Material:
Finest brass.High precision machining
Deadbolt opening:
Double opening by keys.
Meet BS EN1303:
2005 requirement.

RDH-CDC 112
Single Cylinder With indicator

•Optional 5 pins or 6 pins.
Material:
Finest brass material, High precision machining.
Deadbolt opening:
One side opening by key, other side by thumb turn.
Meet BS EN1303:
2005 requirement.

RDH-CPI 113
Privacy Cylinder

Material:
Finest brass material, High precision machining.
Deadbolt opening:
One side opening by thumb turn, other side by coin under emergency situation.
Meet BS EN1303:
2005 requirement.

RDH-CHC 114
Half Cylinder

•Optional 5 pins or 6 pins.
Material:
Finest brass material, High precision machining.
Deadbolt opening:
One side opening by key only.
Meet BS EN1303:
2005 requirement.

MORTIS

RDH-MSL 101
Sash lock

Door thickness:
38-60mm
Suitable for:
Wooden doors / Metal doors.
Scope of use:
Hotel, Company, Villa and outside door etc.

RDH-MSL 102
Dead lock

Thickness:
20mm width forend for rebated door,22/24mm forend for flush door.
Suitable for:
Applicable to wood or metal rebated Door or flush door.
The use:
Forend, use with euro profile cylinder double turns deadbolt.
Size:
Optional backset 55/60mm, distance 72/85mm.

RDH-MSL 103
Latch lock

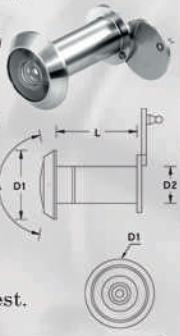
Door thickness:
60-38mm.
Suitable for:
Wooden doors/Metal doors.
Scope of use:
Hotel, Company Villa and outside door etc.

RDH-MSL 104
Bath lock

Thickness:
20mm width forend for rebated door 22/24mm forend for flush door.
Suitable for:
Applicable to wood or metal rebated Door or flush door.
The use:
Forend, use with euro profile cylinder double turns deadbolt.
Size:
8x8mm follower, optional backset 55/60mm
Distance 78mm.

ACCESSORIES

RDH-DV 187 Door Viewer

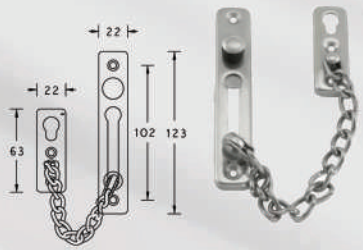


Angle of View: 180 or 200 degree angle of View.
Material: Finest Brass material.With Brass trim washer.
Applicable: For Door Thickness 35-55mm.
Suggested Installation Height 1500mm.
Finish: Satin, Polished.
Other finishes upon request.
Dimension:

	D1	D2	A	L3
*DV001- 180	28	14	180	35 - 55
*DV001- 200	30	16	200	35 - 55

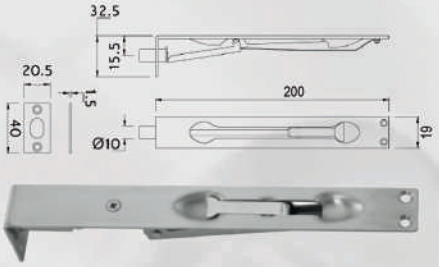
RDH-DC 188 Door Chain

Installation methods: Wall mounted type.
Material: Stainless Steel 304.
Finish: Satin.



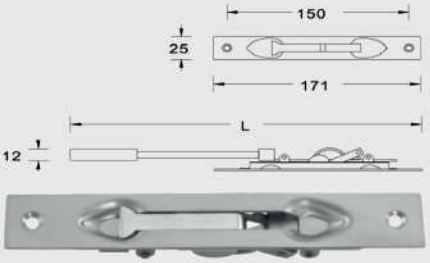
RDH-FBB 190 Manual Flush Bolt

Face: 1 x 6-3/4 (200 x 19mm).
Strlke: 15/16 x 21/4' (24x57mm).
Material: Stainless Steel 304.
Finish: Satin.



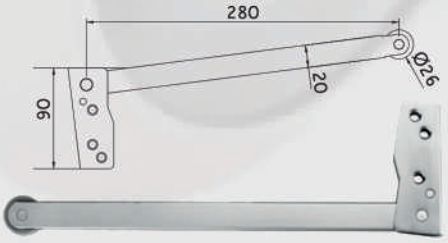
RDH-FBM 193 Manual Flush Bolt

Face: 1 x 6-3/4 (171 x 25mm).
Strlke: 15/16 x 21/4' (24x57mm).
Material: Stainless Steel 304.
Finish: Satin.



RDH-DCO 194 Door Coordinator

Material: Stainless Steel 304.
Applicable: for double door.
*Use with door closer.
*Non-handed.
Finish: Satin.

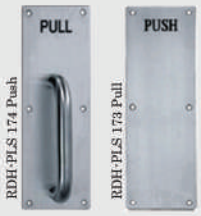


RDH-DPS 172 Dust Proof Strike

Face Dlameter: 1" (25mm).
Barrel Diameter: 4/3"(19mm).
Depth: 1.5" (39mm).
Material: Stain`less Steel 304.
Finish: Satin.

RDH-PLS 173 Pull & 174 Push Plate

Size: 300 x 100 x 1.5mm.
Material: Stainless Steel 304.
Finish: Satin.



RDH-DSS 177 Dome Stop

Dlameter: 1 3/4" (45mm).
Base Height: 1/8" (3.2mm).
Material: Stainless Steel 304.
Finish: Satin.

RDH-DSS 178 Door Stop

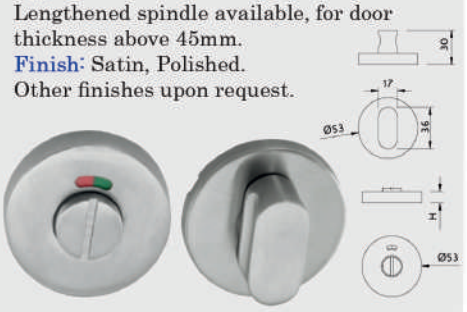
Dlameter: 1 3/4" (35mm).
Base Height: 1/8" (41mm).
Material: Stainless Steel 304.
Finish: Satin.

RDH-DSS 180 Wall Stop

Dlameter: 2 3/4" (61mm).
Base Height: 1" (25mm).
Material: Stainless Steel 304.
Finish: Satin.

RDH-TTI 183 Thumb Turn Indicator

Material: Stainless Steel 304.
Applicable: wood door thickness 35-45mm.
Lengthened spindle available, for door thickness above 45mm.
Finish: Satin, Polished.
Other finishes upon request.



EXIT DEVICE

Fire Rated Exit Device: RDH-RSS6000 Film Type, single leaf door / RDH-RSS6600 Double door with two vertical rod type exit devices

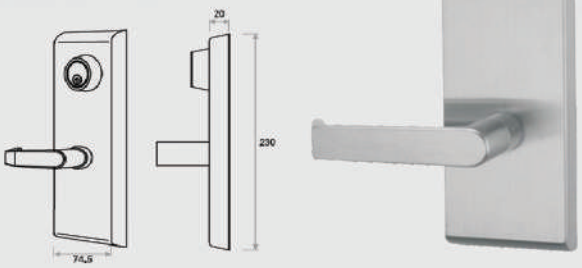
Type: Rim type, Half-length or Full length.
Material: Heavy gauge steel or 304 stainless steel.
Length: 1045MM as a standard. could be customized.
Color: Silver painted or stainless steel as a standard, could be customized.
•Accommodates wood and metal doors with thru bolts standard.
•Match with outside access device like cylinder, trim and lever.
•Apply to door for fire protection, smoke ventilation.
•Apply to single leaf door.
•Conforming to U.L. 10C and ANSI/BHMA A156.3-(2008) Grade 1.
•U.L. /U.L.C listed for 'Fire exit hardware' labeled for rating up to and including 3 hours.
•Endurance test. over 500,000 times still keep good performance.
•Surface mounted for ease of installation.

RDH-RSS6600

•Automatic top and bottom latches maintaining the bolt drawn in when the door is open
DOOR HEIGHT: 2100MM as standard, other door height can be customized
LATCH: No latch required in panic exit device, 2-point function by vertical rod.
SCREW: Screw bolt, metal screw and wood screw.
DOOGING: Fired rated device does not equip with dogging.

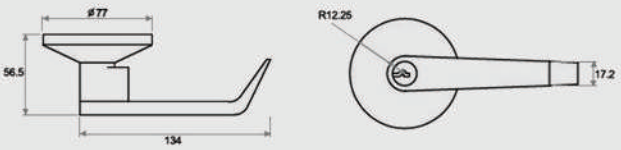
RDH-TSS141
Outside Trimp

•Heavy duty handle. Classroom Function
Outside lever locked.and unlocked by Key.
Material: Stainless steel.
Finish: satin `polish.
Escutcheon Plate Width: 75mm.
Escutcheon Plate Height: 230mm.
Lever Projection: 51 mm.
Lever Length: 125mm.
Lock Cylinder: Standard Schlege C Keyway.
•Supplied with 3 keys.
•ADA Compliant.



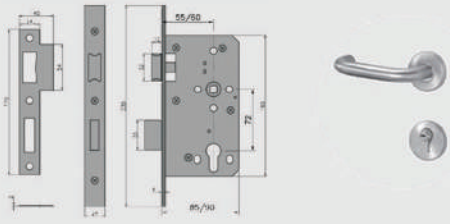
RDH-RSS017
Outside Trimp

Material: Stainless Steel.
Finish: satin polish.
Rosette Diameter: 77mm.
Lower Length: 134mm.
Lover Projection: 56mm.
Lock Cylinder: Standard schalage C Keyway.
•Supplied with 3 keys.
•Non-Handed.
•Fit Standard door preps.
•Spindle Structure.
•Supplied with 3 keys.
•ADA Complaint.



Euro Profile Panic Exit Devices, Rim Type: RDH-RSS-500E

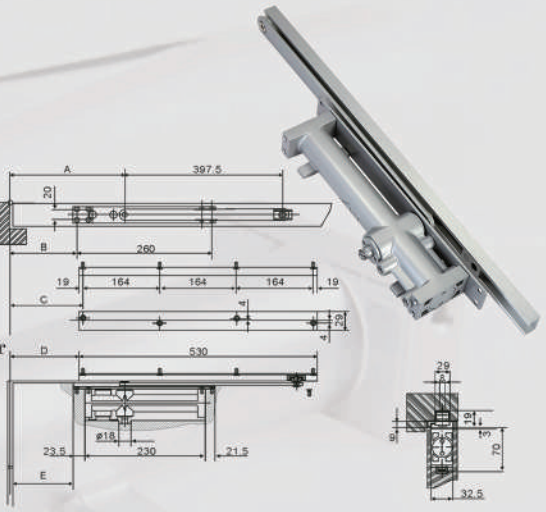
The touch bar with integral lock combines proven mechanics with convenient assembly and operation. Available in various materials and designs, it allows for a multitude of applications.
Technically up to corresponding to the new standard EN 1125, the touch bar is suitable for panic exit devices and fire doors.
Easy Installation: EURO MORTICE, The door thickness between 40mm to 85 mm, espeacially for lock project, replace old mechanical lock easy without changing mortise Mor.
Tise size: 40856085/6072/5572/5085/5072/4585/



DOOOR CLOSER

RDH-DCC100

Series Concealed Door Closer



- Applicable Doors with 65-45kg for 103(size 85-60 ,(3 kg for 104(size 4),The Closing Force: EN3,EN4
- Dual valve,Closing and latching Speed Controlled by Two Separate regulating Valve.
- Specially Applied for High-level Hotel and Office.
- Applicable for Left Hand Door and Right Hand Door.

Finish: Silver(Alum),Bronze(Duro),Gold

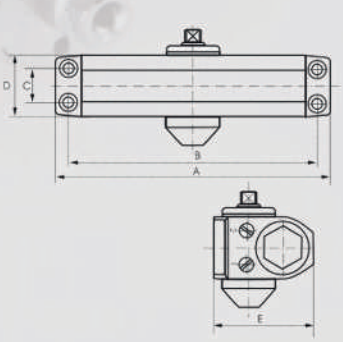
Features: 100 Series Concealed Door Closer. Sometimes, User Calls it "INVISIBLE

Door Closer: None of the Components in a Conceled Door Closer are Visible. When the Door is Closed.

- 100 Series Can be Hidden in almost all Doors Thicker 40 mm or More than and Offers Excellence Performance.
- Slide Arm is Standard for 100 series.
- for Hotel Guest Rooms and Executive Office.

RDH-DCC500

Series Concealed Door Closer



- UL listed ,CE Certification.
- 500,000 Cycles Guaranteed.
- Two separate valves adjustable closing & latching speed.
- Work Temperature-30°C TO 60°C.

Optional Built-In HOLD OPEN type: 501D 502D 503D.

Universal Application: Standard,Tob-Jamb.

Optional items:

D: Built in HOLD Open type.

C: Decorative p.v.c cover for 502,503,504 type,steel cover for 502 type only.

PA: parallel arm bracket.

SAFE BOX

- Size: 370*430*200MM
- 4/1.5MM body/door
- G.W.:11KG
- 2 Anchoring holes on the wall or on floor
- Digital Lock EASY
- FND Display
- User's Code: 3 to 6 digits available
- Paralysis function when 4 wrong codes tried
- Code & Sound Hide Function
- LED Light
- Master Code & Key System
- Low Battery Indication
- Motor driven bolt-work
- OAK: Audit trail with print-out option for 100 past records

BATHROOM ACCESSORIES

SET 5 PCS

Soap Dish

Towel Bar

Paper Holder

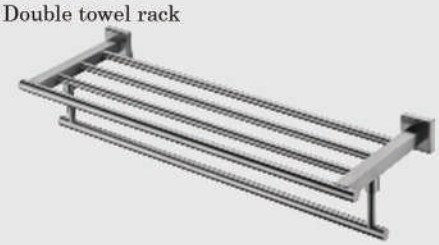
Towel Ring

Robe Hook

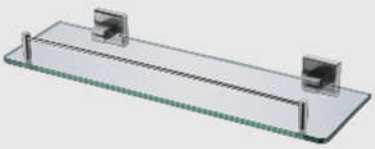
RDH-862001
Towel bar

RDH-862002
Double towel bar

RDH-862003
Double towel rack



RDH-862004
Glass shelf



RDH-862006
toilet brush holder

RDH-862007
Paper holder

RDH-862007-1
Paper holder

RDH-862008
Hook

RDH-862008-1
Double Hook

RDH-862009
Towel ring

RDH-862009-1
Towel ring

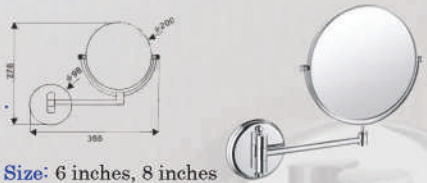
RDH-862010
Glass holder

RDH-862010-1
Soap dish

RDH-862014
Soap dish

Cosmetic Mirror

RDH-211-1

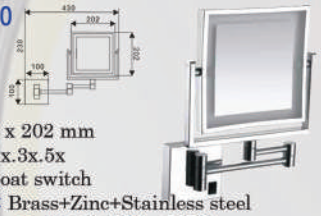


Size: 6 inches, 8 inches
Mirror: 1x.3x.5x.7x.10x
Material: Brass+Zinc+Stainless steel
Construction: Single Bar, Wall Mouted

RDH-216-1

Size: 6 inches, 8 inches
Mirror: 1x,3x,5x
Material: Brass+Zinc+Stainless steel
Construction: Single Bar, Wall Mouted

RDH-260

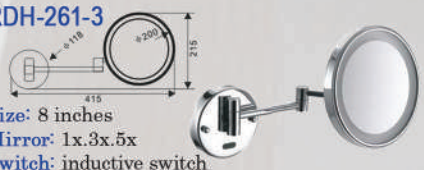


Size: 202 x 202 mm
Mirror: 1x.3x.5x
Switch: boat switch
Material: Brass+Zinc+Stainless steel
Power supplied: AC 110V - 260V
Light colour: white,warm white, yellow
Connect: plug.hard wires in side wall
Power supplied: AC 110V - 260V

RDH-261

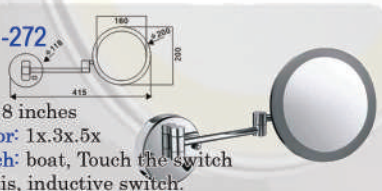
Size: 8 inches
Mirror: 1x.3x.5x
Switch: chassis touch
Material: Brass+Zinc+Stainless steel
Power supplied: AC 110V - 260V
Light colour: white,warm white, yellow
Connect: plug.hard wires in side wall
Power supplied: AC 110V - 260V

RDH-261-3



Size: 8 inches
Mirror: 1x.3x.5x
Switch: inductive switch
Material: Brass+Zinc+Stainless steel
Power supplied: AC 110V - 260V
Light colour: white,warm white, yellow
Connect: plug.hard wires in side wall
Power supplied: AC 110V - 260V

RDH-272



Size: 8 inches
Mirror: 1x.3x.5x
Switch: boat, Touch the switch chassis, inductive switch.
Material: Brass+Zinc+Stainless steel
Power supplied: AC 110V - 260V
Light colour: white,warm white.
Connect: plug.hard wires in side wall
Power supplied: AC 110V - 260V

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