Saflok
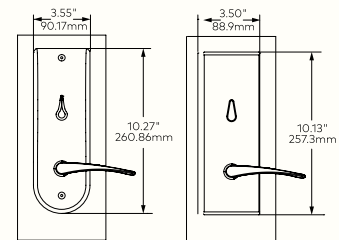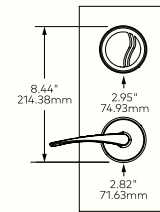## Quantum™ RFID

Security Features

- High security and tamperproof design
- 1" solid deadbolt (optional auto deadbolt)
- Staff monitoring - Keycard audits
- Tracking mortise for door ajar reporting

8.44"
214.38mm

2.95"
74.93mm

2.82"
71.63mm

3.55"
90.17mm

3.50"
88.9mm

10.27"
260.86mm

10.13"
257.3mm

Overview
The Saflok Quantum RFID lock offers a unique two-piece modular design with a choice of inside escutcheon look. Synonymous with superior performance, the lock is renowned for access control, life safety and security. The Quantum RFID is easy to use and works with dormakaba Access Management Software.

Mobile Access
The Quantum RFID is Bluetooth Low Energy (BLE) capable and can operate using the dormakaba Mobile Access Solutions.

Applications
- Suitable for small to very large scale hotels
- Easily replaces existing mechanical or electronic door locks throughout a facility
- Access control for guest rooms, common areas as well as back-of-house

Low Maintenance
- Batteries last up to 2 years
- Low battery indicator alerts staff
- Lock programming and audit records are not erased during battery replacement
- Operates with a completely sealed contactless reader

Access control management software
The Quantum RFID lock is supported by dormakaba's robust access management software solution that features an array of access control workflows for both guest and staff access. Optionally, choose dormakaba's online access management solution for superior control and monitoring.

Factsheet

Mechanical Features

Description	Electronic mortise lockset with 1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt
Handing	Factory-handed mortise (left, right, left reverse, right reverse)
Lever	ADA Compliant Apogee Arc Continental Elevon Gala Troy
Deadbolt	1" (25.4mm) throw deadbolt and 5/8" (15.9mm) dead-locking latch bolt
Door Thickness	1¾" (44.5mm) to 2⅛" (53.98mm) for standard product
Weight	Approx. 8.0 lbs with hardware
Housing Construction	Escutcheons: Zinc Levers: Brass, zinc, or stainless steel
Standard Finishes	Bright chrome, bright brass, satin chrome, satin brass, dark mahogany
Inside Trim Options	Optional ädse or MT inside escutcheon
Standard Backset	2¾" (69.9mm) from door edge to lever
Locking Options	ANSI lock case with 1¼" or 1" lock front mortise. Options: automatic deadbolt, door ajar. European lock case mortise (20 x 165 mm) with 20 x 233 mm lock front mortise
Online Configurations	**Messenger Ready** DAJ mortise (ANSI lock case) / Standard (stand alone) inside escutcheon **Messenger Online** Lock controller board with Messenger capability / DAJ mortise (ANSI lock case) / Inside escutcheon equipped with Messenger module

Mobile Access Options (Quantum RFID Series)

BLE compatible **BLE ready** **BLE enabled**	Standard Lock. Upgradable to BLE by adding BLE connector cable, end cap and BLE module Upgradable to BLE with BLE module End cap with BLE module included, no further upgrades needed

Batteries

Alkaline - **Four AA battery pack**	Battery life is up to 2 years Low battery indicator: alerts staff that batteries need to be changed soon

Lock Operation

Date/Time Stamp	Real-time; date and hours/minutes
Interrogation	Obtain key usage reports from the lock by using a handheld unit at the door, or increase efficiency by performing a remote Interrogation using Messenger (optional)
Pre-registered Keycards	Keys can be made up to ten days in advance without cancelling current or arriving guests
Keycard Expiration	Configurable expiration dates; can be automatically set for check out date or manually applied when making key during check in process.
Passage Mode	Set by authorized keycard or Messenger system. Can also be configured to perform an automated/ pre-defined passage mode time.
Lockout Mode	Set by authorized keycard or Messenger system
Keycards Accepted	Mifare Classic keycards (4 byte NUID)
Feedback	Light indicators in reader
Diagnostics	Light indicators and handheld display
Audit Trail	Up to 4,000 events
Disability Feature	RCU readers interface with automatic power operated doors for special openings
Privacy Override	Emergency keycards

Certifications & Testing

Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")
BHMA/ANSI	Certified to be compliant with Grade One performance tests for "ANSI/BHMA A256.13-2012 Standard for Mortise Locks and Latches," and "ANSI/BHMA A256.25-2013 Standard for Electrified Locking Devices." (Only locks tested and approved by non-biased third-party test lab are allowed in the "BHMA Certified Products Directory" found at www. buildershardware.com)
Fire Rating	Listed for pre-prepared manufactured doors and certified for retrofitting on existing doors by Underwriters Laboratories for use on fire doors having up to a three-hour rating. a. U.L. Certification: GWVW.R12071 "Accessories for Single-point Locks and Latches and Fire Exit Hardware." Evaluated in accordance with UL 10B and UL 10C. b. U.L. Listing: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B and UL 10C. c. Also classified in accordance with Uniform Building Code Standard 7-2, "Fire Test of Door Assemblies" (1997)
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant
Environmental Operating Conditions	Indoor side: 32°F to 151°F (0°C to 66°C) Outdoor side: -31°F to 151°F (-35°C to 66°C) 0% to 85% non-condensing humidity at 86°F (30°C)

Warranty

Standard Warranty	Two years
Support Programs	dormakaba Service Plans (Platinum, Gold, Silver)

Any questions? We will be happy to assist you.