

# LCN 4040XP vs Norton 7500 Comparison

## Overview

The LCN 4040XP and Norton 7500 are both industry-leading automatic door closers used in commercial and institutional applications. This guide provides a detailed head-to-head comparison to help select the right closer for your specific project requirements.

## Backcheck Force & Closing Speed

The LCN 4040XP features a dual-action backcheck system providing smooth deceleration at 90 degrees, preventing door slamming. The Norton 7500 offers similar backcheck performance with adjustable force ranging from light to heavy. LCN units typically provide 90-120 degrees of smooth backcheck travel, while Norton allows greater customization with field-adjustable backcheck valves.

## Rack-and-Pinion Mechanism

Both closers utilize proven rack-and-pinion drive systems. The LCN 4040XP incorporates sealed rack-and-pinion gears for maintenance-free operation. Norton 7500 also uses sealed gearing but with more accessible valve adjustment points for field modifications.

## Hold-Open Features

The LCN 4040XP is available with optional hold-open arms for fire-rated applications, holding doors open at 90 or 120 degrees until release. Norton 7500 similarly offers hold-open arms with electromagnetic release for ADA compliance and accessible design.

## Finish Options & Durability

Standard finishes include aluminum, chrome, and painted steel. LCN offers proprietary washers and seals designed for high-cycle operations. Norton provides similar finish options with comparable cycle ratings suitable for high-traffic entrances.

## Warranty & Support

LCN provides 2-year manufacturer warranty on all components. Norton offers comparable 2-year coverage with excellent technical support. Both manufacturers provide extensive documentation and

installer training.

## **Typical Applications**

LCN 4040XP: Office buildings, retail stores, schools, hospitals, healthcare facilities with standard to heavy traffic. Norton 7500: Commercial entrances, institutional buildings, public facilities, buildings requiring frequent personnel access with customizable closing characteristics.