



UNI-COM® ST-101 Insulated Steel Sectional Doors





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Insulated Steel Sectional
Doors.**

Application:

Lynx Industries Inc. introduces, through its Ambass-a-dor® product line, the UNI-COM ST-101 Insulated Steel Sectional Door, designed for universal application in commercial installations.

Manufacturer:

With 50 years in the garage door field and the benefit of more than 20 years of insulated steel door manufacturing, Lynx Industries Inc., has combined the technology and expertise into the development of a new insulated steel garage door product: UNI-COM ST-101. Our international sales and service capabilities delivers our products on spec/on time.

Advantages:

UNI-COM ST-101 door sections are manufactured in lengths compatible with most commercial opening dimensions. They are engineered for unique structural strength. UNI-COM ST-101 door sections have a wood grain textured surface and horizontal "V" grooves both inside and out for clean look and finish. UNI-COM ST-101 interchangeable sections are alike until installed. This results in lower inventory costs and reduces installation time. UNI-COM ST-101 doors provide superior energy efficiency by bonding a polystyrene insulating core in rigid roll formed steel.

Quality in Environmental Safety:

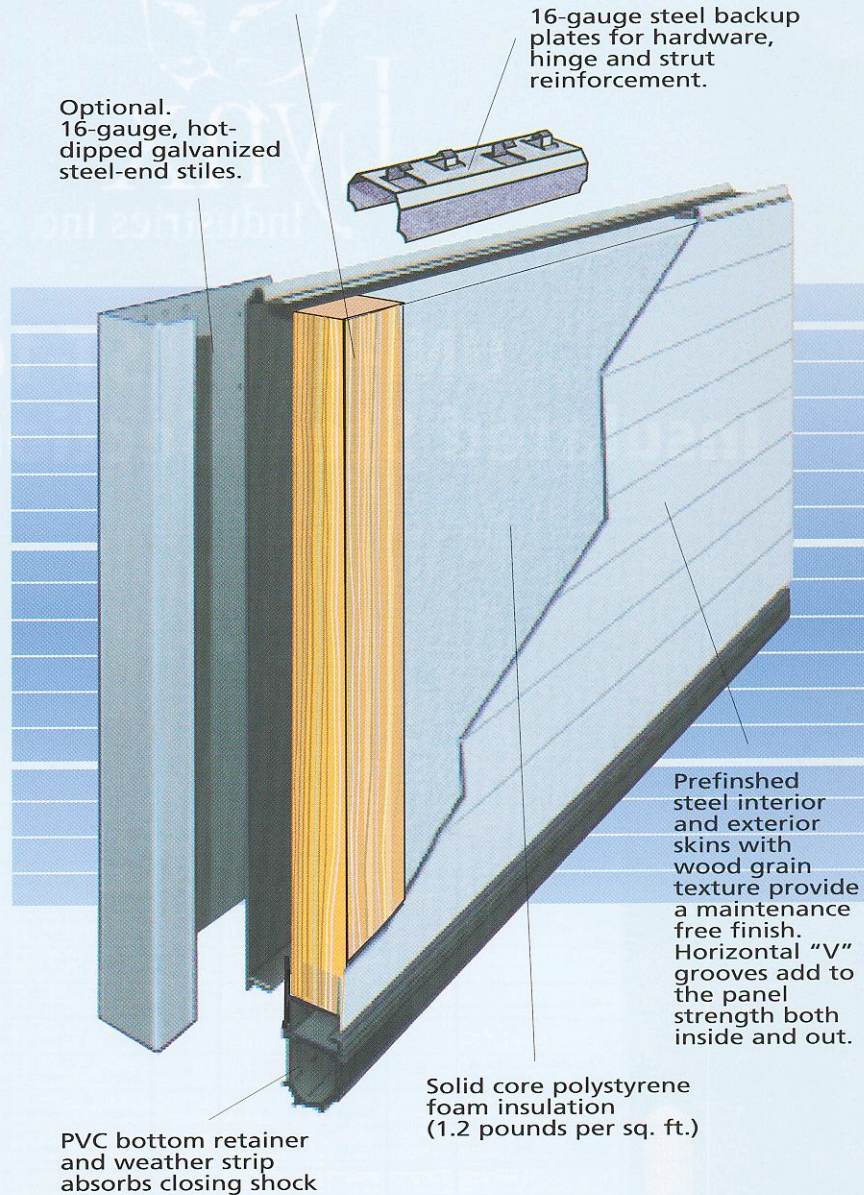
A growing awareness of, and concern for, the environment has led us to incorporate environmentally safe materials into our garage doors. All garage doors made by Lynx Industries Inc., contain expanded polystyrene rather than polyurethane. Unlike polyurethane, polystyrene is free of chlorofluorocarbons (CFCs), known to be harmful to the Earth's ozone layer, provides better low-temperature insulating characteristics, is more thermal efficient and is not subject to the loss of R-value through thermal drift.

Lynx Industries Inc., is producing reliable garage doors using a manufacturing process that exceeds EPA regulations while protecting the environment.

2 3/4" (single end hinge)
or 5 1/2" (double end hinge)
kiln dried end stiles.

16-gauge steel backup plates for hardware, hinge and strut reinforcement.

Optional.
16-gauge, hot-dipped galvanized steel-end stiles.



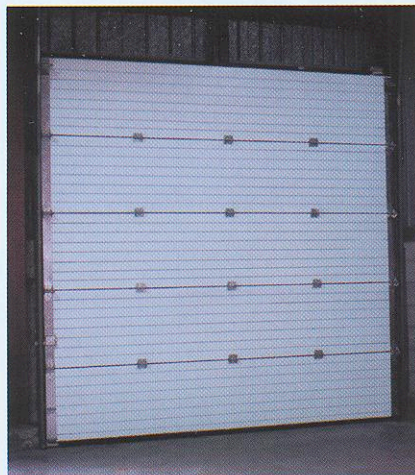
Door Sections:

Each section is 1-3/4" (44 mm) thick, roll formed from commercial quality galvanized steel. Door sections constructed of interior and exterior skins with wood grain texture and horizontal "V" grooves. The skins are bonded to an expanded polystyrene insulating core.

Finish:

Exterior and interior door skins are protected with a five coat prefinished wood grain steel with horizontal "V" grooves.





Tracks: Galvanized Track 2" or 3" (51 or 75 mm)

Tracks to be bracket or continuous angle mounted depending on size of door and application. If needed or specified, horizontal track to be reinforced with continuous angle.

Hardware:

All hinges and brackets made from galvanized steel manufactured by Lynx Industries Inc. Track rollers shall have ten 1/4" (6 mm) diameter hardened steel balls per 2" (51 mm) roller and ten 5/16" (8 mm) diameter hardened steel balls per 3" (76 mm) roller.

Other hardware options available. Consult factory.

Spring – Counterbalance –

Heavy duty oil tempered wire torsion springs manufactured by Lynx Industries Inc., on continuous ball bearing cross header shaft or tubing depending on door size. Galvanized aircraft type lifting cables with minimum safety factor of 7 to 1.

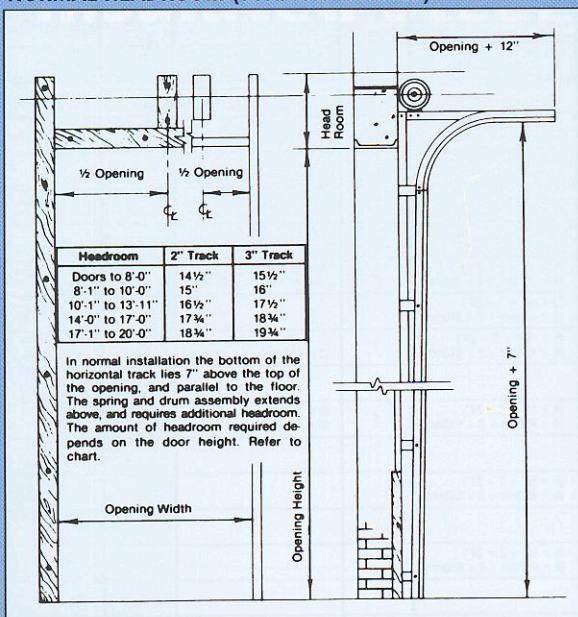
Electric Operations:

Complete line of commercial, industrial operators manufactured by Lynx Industries Inc., are adaptable to specific application. Trolley type and Jack-Shaft type operators are both available.

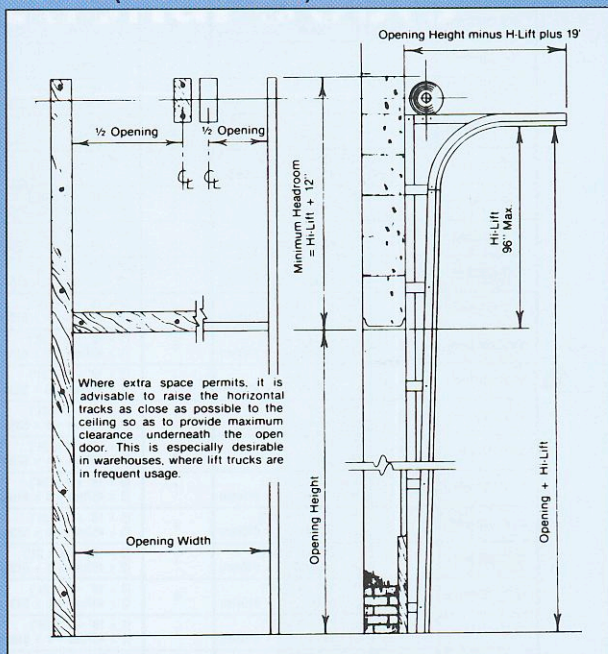
Lites:

Thermal type windows are available in clear glass, acrylic or wired glass. Lites may be bought separately or may be factory installed.

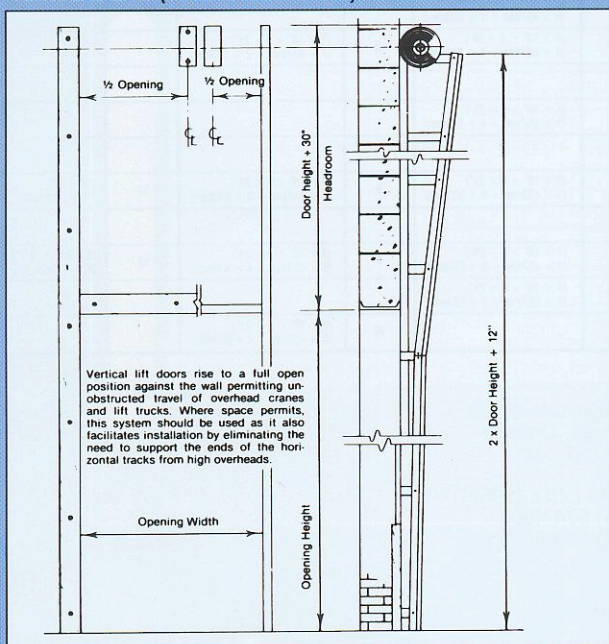
NORMAL HEADROOM (TORSION SPRINGS)



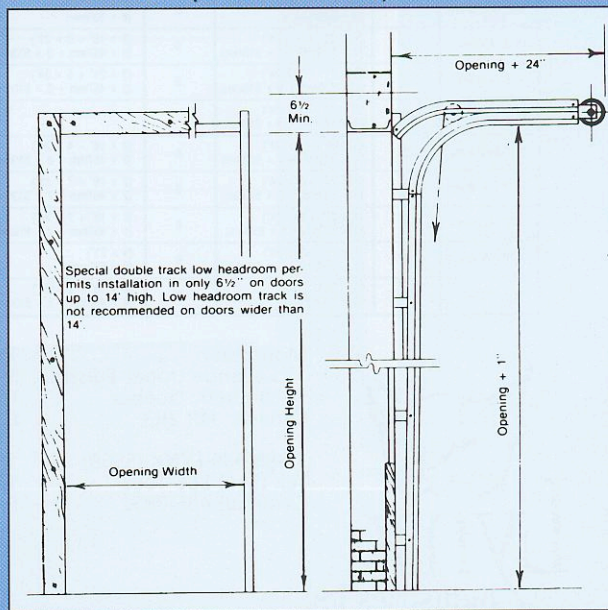
HIGH LIFT (TORSION SPRINGS)



VERTICAL LIFT (TORSION SPRINGS)



LOW HEADROOM (TORSION SPRINGS)



UNI-COM® ST-101 Door Selection Chart

Widths Available: 8', 9', 10', 12', 14', 16', 18' (2450, 2750, 3050, 3650, 4250, 4900, 5550 mm)
(OTHER WIDTHS & HEIGHTS AVAILABLE. CONSULT FACTORY)

| HEIGHT | # OF SECTIONS | SECTION COMBINATION | OR | # OF SECTIONS | SECTION COMBINATION | OR | # OF SECTIONS | SECTION COMBINATION | OR | # OF SECTIONS | SECTION COMBINATION | OR | # OF SECTIONS | SECTION COMBINATION |
|----------------|---------------|--|----|---------------|--|----|---------------|--|----|---------------|--|----|---------------|--|
| 6'6" (1981mm) | 4 | (2 x 18" + 2 x 21") (2 x 457mm + 2 x 533mm) | | 4 | (3 x 18" + 1 x 24") (3 x 457mm + 1 x 610mm) | | | | | | | | | |
| 6'9" (2057mm) | 4 | (1 x 18" + 3 x 21") (1 x 457mm + 3 x 533mm) | | | | | | | | | | | | |
| 7'0" (2134mm) | 4 | (4 x 21") (4 x 533mm) | | 4 | (2 x 18" + 2 x 24") (2 x 457mm + 2 x 610mm) | | | | | | | | | |
| 7'3" (2210mm) | 4 | (3 x 21" + 1 x 24") (3 x 533mm + 1 x 610mm) | | | | | | | | | | | | |
| 7'6" (2286mm) | 4 | (2 x 21" + 2 x 24") (2 x 533mm + 2 x 610mm) | | 4 | (1 x 18" + 3 x 24") (1 x 457mm + 3 x 610mm) | | 5 | (5 x 18") (5 x 457mm) | | | | | | |
| 7'9" (2362mm) | 4 | (1 x 21" + 3 x 24") (1 x 533mm + 3 x 610mm) | | 5 | (4 x 18" + 1 x 21") (4 x 457mm + 1 x 533mm) | | | | | | | | | |
| 8'0" (2450mm) | 4 | (4 x 24") (4 x 610mm) | | 5 | (3 x 18" + 2 x 21") (3 x 457mm + 2 x 533mm) | | 5 | (4 x 18" + 1 x 24") (4 x 457mm + 1 x 610mm) | | | | | | |
| 8'3" (2515mm) | 5 | (2 x 18" + 3 x 21") (2 x 457mm + 3 x 533mm) | | | | | | | | | | | | |
| 8'6" (2591mm) | 5 | (1 x 18" + 4 x 21") (1 x 457mm + 4 x 533mm) | | 5 | (3 x 18" + 2 x 24") (3 x 457mm + 2 x 610mm) | | | | | | | | | |
| 8'9" (2667mm) | 5 | (5 x 21") (5 x 533mm) | | | | | | | | | | | | |
| 9'0" (2750mm) | 5 | (4 x 21" + 1 x 24") (4 x 533mm + 1 x 610mm) | | 5 | (2 x 18" + 3 x 24") (2 x 457mm + 3 x 610mm) | | 6 | (6 x 18") (6 x 457mm) | | | | | | |
| 9'3" (2819mm) | 5 | (3 x 21" + 2 x 24") (3 x 533mm + 2 x 610mm) | | 6 | (5 x 18" + 1 x 21") (5 x 457mm + 1 x 533mm) | | | | | | | | | |
| 9'6" (2896mm) | 5 | (2 x 21" + 3 x 24") (2 x 533mm + 3 x 610mm) | | 5 | (1 x 18" + 4 x 24") (1 x 457mm + 4 x 610mm) | | 6 | (4 x 18" + 2 x 21") (4 x 457mm + 2 x 533mm) | | 6 | (5 x 18" + 1 x 24") (5 x 457mm + 1 x 610mm) | | | |
| 9'9" (2972mm) | 5 | (1 x 21" + 4 x 24") (1 x 533mm + 4 x 610mm) | | 6 | (3 x 18" + 3 x 21") (3 x 457mm + 3 x 533mm) | | | | | | | | | |
| 10'0" (3050mm) | 5 | (5 x 24") (5 x 610mm) | | 6 | (2 x 18" + 4 x 21") (2 x 457mm + 4 x 533mm) | | 6 | (4 x 18" + 2 x 24") (4 x 457mm + 2 x 610mm) | | | | | | |
| 10'3" (3124mm) | 6 | (1 x 18" + 5 x 21") (1 x 457mm + 5 x 533mm) | | | | | | | | | | | | |
| 10'6" (3200mm) | 6 | (6 x 21") (6 x 533mm) | | 6 | (3 x 18" + 3 x 24") (3 x 457mm + 3 x 610mm) | | 7 | (7 x 18") (7 x 457mm) | | | | | | |
| 10'9" (3277mm) | 6 | (5 x 21" + 1 x 24") (5 x 533mm + 1 x 610mm) | | 7 | (6 x 18" + 1 x 21") (6 x 457mm + 1 x 533mm) | | | | | | | | | |
| 11'0" (3353mm) | 6 | (4 x 21" + 2 x 24") (4 x 533mm + 2 x 610mm) | | 6 | (2 x 18" + 4 x 24") (2 x 457mm + 4 x 610mm) | | 7 | (5 x 18" + 2 x 21") (5 x 457mm + 2 x 610mm) | | 7 | (6 x 18" + 1 x 24") (6 x 457mm + 1 x 610mm) | | | |
| 11'3" (3430mm) | 6 | (3 x 21" + 3 x 24") (3 x 533mm + 3 x 610mm) | | 6 | (2 x 18" + 4 x 24") (2 x 457mm + 4 x 610mm) | | 7 | (6 x 18" + 1 x 24") (6 x 457mm + 1 x 610mm) | | | | | | |
| 11'6" (3505mm) | 6 | (2 x 21" + 4 x 24") (2 x 533mm + 4 x 610mm) | | 6 | (1 x 28" + 5 x 24") (1 x 457mm + 5 x 610mm) | | 7 | (5 x 18" + 2 x 21") (5 x 457mm + 2 x 610mm) | | 7 | (3 x 18" + 4 x 21") (3 x 457mm + 4 x 433mm) | | | |
| 11'9" (3581mm) | 6 | (1 x 21" + 5 x 24") (1 x 533mm + 5 x 610mm) | | 7 | (2 x 18" + 5 x 21") (2 x 457mm + 5 x 533mm) | | | | | | | | | |
| 12'0" (3650mm) | 6 | (6 x 24") (6 x 610mm) | | 7 | (1 x 18" + 6 x 21") (1 x 457mm + 6 x 533mm) | | 7 | (4 x 18" + 3 x 24") (4 x 457mm + 3 x 610mm) | | 8 | (8 x 18") (8 x 457mm) | | | |
| 12'3" (3734mm) | 7 | (7 x 21") (7 x 533mm) | | 8 | (7 x 18" + 1 x 21") (7 x 457mm + 1 x 533mm) | | | | | | | | | |
| 12'6" (3810mm) | 7 | (6 x 21" + 1 x 24") (6 x 533mm + 1 x 610mm) | | 7 | (3 x 18" + 4 x 24") (3 x 457mm + 4 x 610mm) | | 8 | (6 x 18" + 2 x 21") (6 x 457mm + 2 x 533mm) | | | | | | |
| 12'9" (3887mm) | 7 | (5 x 21" + 2 x 24") (5 x 533mm + 2 x 610mm) | | 8 | (5 x 18" + 3 x 21") (5 x 457mm + 3 x 533mm) | | | | | | | | | |
| 13'0" (3963mm) | 7 | (4 x 21" + 3 x 24") (4 x 533mm + 3 x 610mm) | | 7 | (2 x 18" + 5 x 24") (2 x 457mm + 5 x 610mm) | | 8 | (6 x 18" + 2 x 24") (6 x 457mm + 2 x 610mm) | | | | | | |
| 13'3" (4039mm) | 7 | (3 x 21" + 4 x 24") (3 x 533mm + 4 x 610mm) | | 8 | (3 x 18" + 5 x 21") (3 x 457mm + 5 x 533mm) | | | | | | | | | |
| 13'6" (4115mm) | 7 | (2 x 21" + 5 x 24") (2 x 533mm + 5 x 610mm) | | 7 | (1 x 18" + 7 x 24") (1 x 457mm + 7 x 610mm) | | 8 | (2 x 18" + 6 x 21") (2 x 457mm + 6 x 533mm) | | 8 | (5 x 18" + 3 x 24") (5 x 457mm + 3 x 610mm) | | 9 | (9 x 18") (9 x 457mm) |
| 13'9" (4191mm) | 7 | (1 x 21" + 6 x 24") (1 x 533mm + 6 x 610mm) | | 8 | (1 x 18" + 7 x 21") (1 x 457mm + 7 x 533mm) | | 9 | (8 x 18" + 1 x 21") (8 x 457mm + 1 x 533mm) | | | | | | |
| 14'0" (4250mm) | 7 | (7 x 24") (7 x 610mm) | | 8 | (8 x 21") (8 x 533mm) | | 8 | (4 x 18" + 4 x 24") (4 x 457mm + 4 x 610mm) | | 9 | (7 x 18" + 2 x 21") (7 x 457mm + 2 x 533mm) | | | |
| 14'3" (4343mm) | 8 | (7 x 21" + 1 x 24") (7 x 533mm + 1 x 610mm) | | 9 | (6 x 18" + 3 x 21") (6 x 457mm + 3 x 533mm) | | | | | | | | | |
| 14'6" (4420mm) | 8 | (6 x 21" + 2 x 24") (6 x 533mm + 2 x 610mm) | | 8 | (3 x 21" + 5 x 24") (3 x 457mm + 5 x 610mm) | | 9 | (5 x 18" + 4 x 21") (5 x 457mm + 4 x 533mm) | | | | | | |
| 14'9" (4496mm) | 8 | (5 x 21" + 3 x 24") (5 x 533mm + 3 x 610mm) | | | | | | | | | | | | |
| 15'0" (4550mm) | 8 | (4 x 21" + 4 x 24") (4 x 533mm + 4 x 610mm) | | 8 | (2 x 18" + 4 x 24") (2 x 457mm + 6 x 610mm) | | 9 | (3 x 18" + 6 x 21") (3 x 457mm + 6 x 533mm) | | 9 | (6 x 18" + 3 x 24") (6 x 457mm + 3 x 610mm) | | 10 | (10 x 18") (10 x 457mm) |
| 15'3" (4648mm) | 8 | (3 x 21" + 5 x 24") (3 x 533mm + 5 x 610mm) | | 9 | (2 x 18" + 7 x 21") (2 x 457mm + 7 x 533mm) | | | | | | | | | |
| 15'6" (4725mm) | 8 | (2 x 21" + 6 x 24") (2 x 533mm + 6 x 610mm) | | 8 | (1 x 18" + 7 x 24") (1 x 457mm + 7 x 610mm) | | 9 | (1 x 18" + 8 x 21") (1 x 457mm + 8 x 533mm) | | 9 | (5 x 18" + 4 x 24") (5 x 457mm + 4 x 610mm) | | 10 | (8 x 18" + 2 x 21") (8 x 457mm + 2 x 533mm) |
| 15'9" (4800mm) | 8 | (1 x 21" + 7 x 24") (1 x 533mm + 7 x 610mm) | | 9 | (9 x 21") (9 x 533mm) | | 10 | (7 x 18" + 3 x 21") (7 x 957mm + 3 x 533mm) | | | | | | |
| 16'0" (4900mm) | 8 | (8 x 24") (8 x 610mm) | | 9 | (4 x 18" + 5 x 24") (4 x 457mm + 5 x 610mm) | | | | | 10 | (6 x 18" + 4 x 21") (6 x 457mm + 4 x 533mm) | | | |