ISO-TEK™ DOOR SYSTEM

Cold Storage Door

High speed and superior sealing make ISO-TEK™ the single most efficient door available.

High-speed access, with door opening speed of 2.1 mtr/second.

Effective insulation. No panel defrost system required, with 76 mm thick panels.

Impactability, with flexible high-density foam core panels.

Unique interlocking door seals assure temperature separation.

Canted header design provides tight bottom seal and reduced seal wear.

Low profile design conserves floor space, improves traffic flow.

Increased productivity, with fast access and reduced downtime.

Lower maintenance. High-cycle performance and impactability eliminate downtime and repair.

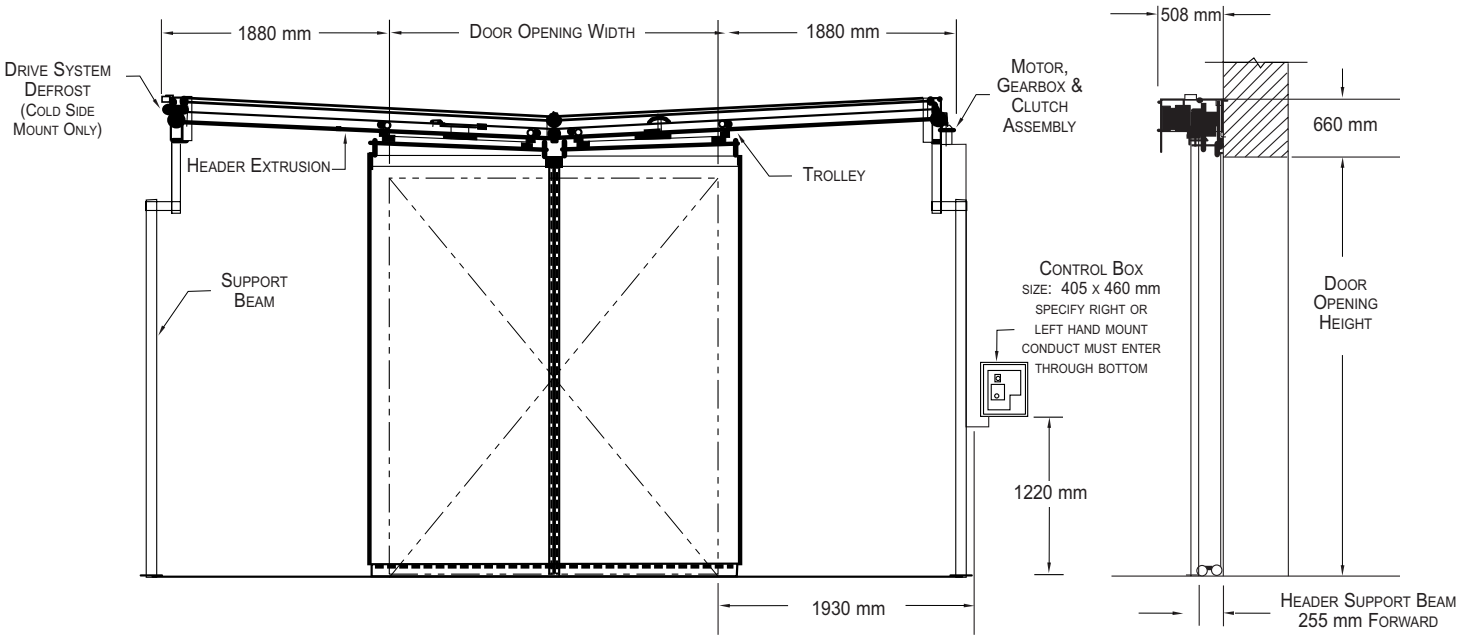
More safety, with flexible panels and auto-reversing feature.

Get two doors in one with the unique ISO-TEK™ cold storage system.

Now you can get effective insulation, superior sealing AND high-speed access in ONE cold storage door: the remarkable Iso-Tek™ system from Rite-Hite®. Its high-insulating foam core panels require no costly panel defrost system and are impactable, so you won't have to worry about damage, downtime and costly repairs. With auto-reversing and other safety features, the Iso-Tek™ is now the safest, most productive, cost-efficient cold storage door you can buy. For more details, talk to your Rite-Hite® representative.

RITE-HITE®

ISO-TEK™ DOOR SYSTEM
2-PANEL CONFIGURATION



SPECIFICATIONS

Model Number: 8600 Cold Storage Door - 2-Panel Configuration

SPEED:
Opening: 2,1 mtr per second
Closing : 0,5 mtr per second

SIZE:
Minimum: 1.830 x 2.440 mm
Maximum: 2.620 x 5.490 mm

TEMPERATURE RANGE:
-30°C to +50°C

PANEL DESIGN:
Flexible, impactable k= 0.031W (m.k) panels are 76 mm thick with insulating foam core. Panels covered with 850 gr. gray polyurethane fabric.

SEALS:
Wall and panel-mounted, insulated interlocking seals. Nose and floor seals are extruded neoprene to provide constant interface.

HEADER/TROLLEY ASSEMBLY:
Two piece, 5 mm aluminum extrusion with two integral trolley paths – one for the panel, and one for the stabilizing trolley. Two trolleys are attached to each panel. Trolley assembly hinged for enhanced panel impactability. Header is canted 3 degrees, center to both ends for positive sealing and reduced seal wear. Self-supporting on two floor-mounted beams constructed of 51 x 76 x 3 mm aluminum tubing.

ELECTRICAL REQUIREMENTS:
Standard: 220 VAC 1 ph, 50 Hz, 30 amps; 380/415 VAC 3 ph, 50 Hz, 15 amps.

DRIVE SYSTEM:
Synchronous 1.1 kw hp motor controlled by a pre-programmed a.c. inverter. Door commands are processed by a self-diagnostic Rite-Hite® Programmable Logic Controller (PLC). Panels driven by a gearbox clutch belt drive system.

CONTROL BOX:
Control box is IP65 and fuse protected. Standard controls include “open” button which flashes upon a fault condition and a power disconnect. The box is prewired with external connections brought into pre-coded terminals.

SAFETY FEATURES:
Fast, bi-parting action helps prevent impact. Flexible panels help prevent impact damage. Automatic reversing when obstruction is encountered in opening. Drive clutch automatically disengages on loss of power and allows manual operation. Optional 4-panel 356 x 813 mm vision panels, fabric accent panels and GuardRite® protective railing system.

DRIVE SYSTEM DEFROST:
Required on cold side freezer mount only. Closed system blower within the header does not inject warm air into freezer. Requires second 305 x 254 x 152 mm control box (provided).

WARRANTY:
Limited 1-year parts and labor, 150,000 cycles including electrical. Limited 1-year parts and labor on all seals. Rite-Hite® also offers an exclusive 1-year money back guarantee.

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