



# DESIGNED TO WORK LIKE A CHARM

**S-800 PATIO DOOR**

**Wood clad frame with mechanical sash**

**ph**<sup>®</sup>  
TECH

# UNEQUALLED ENERGY EFFICIENCY

**P.H. Tech patio doors are designed to meet the highest and latest Canadian performance standards in terms of energy efficiency.**

- Highly energy-efficient double glazing: non-conductive spacer, low-E coating, and argon gas to maximize the energy rating (ER) of your patio door
- Design that allows for 1"-thick double or triple glazing
- Profiles designed to significantly reduce the risk of condensation



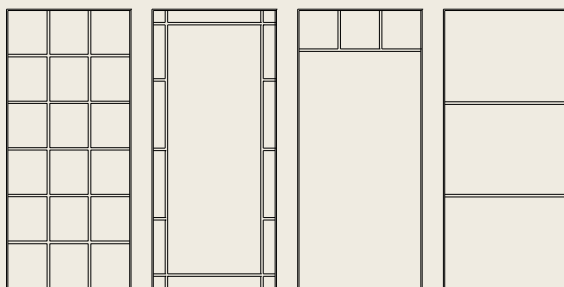
## OPTIONS

- Low-E double or triple glazing
- Bronze tinted glass
- Mini-blinds between the glass available on doors 5', 6', 9' and 12' wide
- Brickmolds



## DECORATIVE GRILLES

- Rectangular 1/4" and 1/4" x 1"
- Georgian 7/32" x 5/8" and 7/32" x 1"
- Standard patterns: Regular, Prairie and Partial
- Other grids or patterns available on request



Regular

Prairie

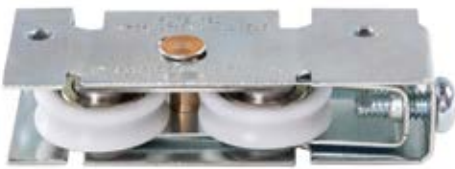
Partial 3 x 1

Partial 1 x 3

# UNPRECEDENTED RELIABILITY

Our doors are designed to ensure the operating sashes slide quietly, smoothly and effortlessly, year after year.

How do we measure carefree operation? With over a million doors sold throughout America.



Patented tandem wheels in ultra-durable nylon leave no marks on the rail and provide smoothness of operation.

Our doors withstood 119,000 test cycles without failure, carrying a 165 lb. sash—the equivalent of over 30 years of constant use!

100% aluminum raised rail protects the wheels from damage or jamming caused by dirt and debris.



## THE EASIEST-OPENING DOOR IN ITS CATEGORY

Try the test yourself: you can open it with just your fingertips!

## ADDITIONAL SECURITY

- Foot lock
- Security bar



- Two-point mortise lock



# CUSTOMIZE YOUR PATIO DOOR

Choose from a wide range of options and accessories.

## STANDARD COLOURS



Blue white



Cream white



Beige

## OPTIONAL EXTERIOR COLOURS

Select from our 30 standard colours available. Ask to see the colour samples.



Black



Grey



Commercial brown

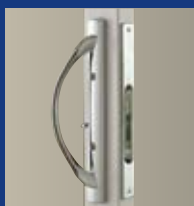
## DECORATIVE PANELS

Add French-style decorative panels to your doors without paying the high costs usually associated with this type of design.



## HANDLES

Easy-to-grip handles. With or without key. Available in various styles and finishes.



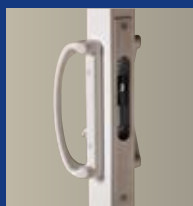
Bright chrome



Brushed chrome



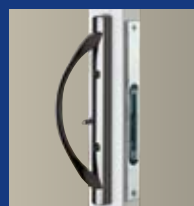
Brass



White



Black



Black nickel



Contemporary satin nickel



Contemporary white

# CONFIGURATIONS

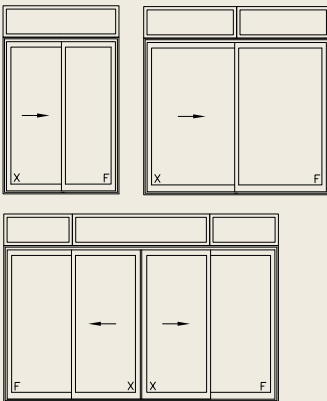
Available in 2-panel, 3-panel, and 4-panel configurations.



Other configurations and custom sizes available.  
 \*81 1/8" (2060 mm) available in blue white vinyl only.  
 \*\*70 1/2" (1790 mm) available in blue white vinyl only.

## PANORAMIC MULLING

Transom available.



## SCREENS

- Aluminum, with patented spring-loaded rollers for durability and ease of operation
- Will not skip or jump off the track
- Can be removed without tools



Patented spring-loaded suspension system

## PERFORMANCE

### ENERGY PERFORMANCE

| Glass package                                | U-factor (W/m <sup>2</sup> K) | U-factor (Btu/h pi <sup>2</sup> °F) | Solar heat gain (SHGC) | Visual transmission | Energy rating (ER) | Zone |
|--|-------------------------------|-------------------------------------|------------------------|---------------------|--------------------|------|
| Double, low-e argon, 1", Warm-Edge spacer    | 1.70                          | 0.30                                | 0.53                   | 0.61                | 33                 | 2    |
| Triple, low-e double argon, Warm-Edge spacer | 1.25                          | 0.22                                | 0.43                   | 0.53                | 37                 | 3    |

### WATER-AIR-STRUCTURE PERFORMANCE

| Dimensions                     | Harmonized standard             | Performance |
|--------------------------------|---------------------------------|-------------|
| 1800 mm x 2080 mm<br>72" x 82" | AAMA/WDMA/CSA 101/I.S.2/A440-08 | R-PG60-SD   |

# BUILT TO LAST

**Doors are sturdy and square, thanks to superior-quality white pine wood clad with maintenance-free, durable PVC.**

- Ultra-rigid wood clad frame, 5 3/8" or 7 1/4"
- Multichamber PVC sash
- Multiple weatherstripping to eliminate air infiltration
- Steel reinforcements in the most heavily used parts
- 1-point mortise lock
- Hidden sash stoppers, for aesthetic appeal



**Durable, attractive appearance**



# WARRANTIES

P.H. Tech provides the following warranties:

|               |                               |               |
|---------------|-------------------------------|---------------|
| PVC PROFILES  | ENERGY-EFFICIENT SEALED UNITS | HARDWARE      |
| <b>20</b>     | <b>20</b>                     | <b>5</b>      |
| YEAR WARRANTY | YEAR WARRANTY                 | YEAR WARRANTY |

