



Casement / awning  
windows



**A new height in elegance  
and performance**

Aluminium and PVC core



## The nobility of aluminium The versatility of PVC core

By combining the nobility of aluminium and the versatility of PVC in one window, the creators of this series have achieved a new height in elegance and performance.

The PVC core of this hybrid window gives it the superior airtightness, thermal insulation and structural strength properties typical of multichamber designs. And the aluminium cladding is renowned for its handsome looks and great colour matching flexibility.

The window is a remarkable combination of these two materials. With its precise assembly and internally fastened cladding, this window profile system has a stylish appeal unmatched on the market.

**Finally, enjoy all the beauty of aluminium without compromising window performance.**

### Choosing beauty in all confidence

This casement / awning window has a natural elegance that adds a distinctive look, at once classical and contemporary, to practically any home design, traditional or modern. Casements and awnings, with their open view unobstructed by cumbersome sash rails, are actually the world's oldest working window systems.

Casement and awning windows have a number of outstanding practical advantages. Properly placed, they capture the breeze and provide excellent ventilation. Because they open outward, they can be placed freely anywhere in a home—they won't interfere with lamps, plants or other indoor items. Awning windows can be set in rows, or placed under or above fixed windows to create spectacular walls of light and glass.

### All weather performance

Whatever the rigours of the elements—wind, rain, cold, or heat—this window offers you the best protection and the greatest comfort a window can provide.

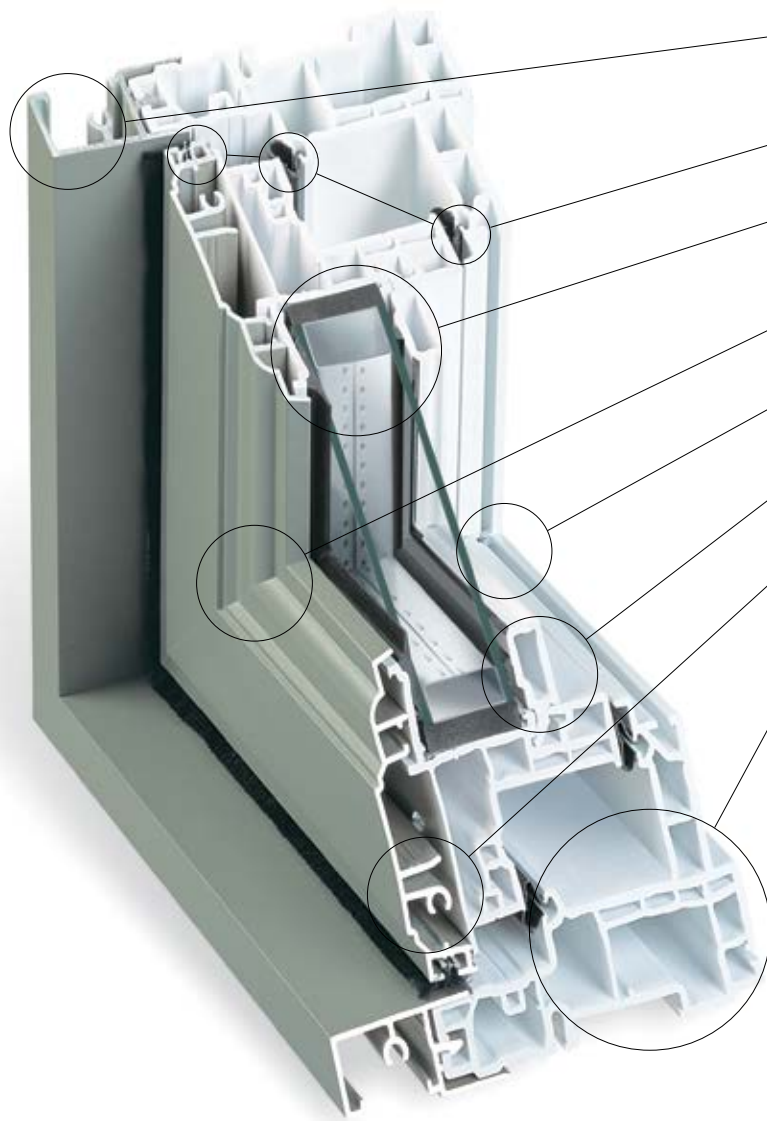
The remarkable performance of this window is the result of:

- attention to the smallest detail in the quest for product quality, and
- an uncompromising manufacturing process.

In national tests, these windows exceed maximum rating standards. Some of their features outclass those of all other windows on the market.

- **Airtightness test:** Multiple weather stripping provides superior resistance.
- **Watertightness test:** The drainage system offers unparalleled performance.
- **Wind load and forced entry resistance tests:** The multichamber structure enables the casement to safely withstand winds of 350 km/h (220 mph) and the efforts of a determined would-be intruder.

# Superior quality point by point



- *Duracon® thermoset acrylic enamel finish renowned for its superior resistance to corrosion, impact and superficial abrasion.*
- *Triple weather stripping provides outstanding airtightness, reducing heating and air conditioning costs.*
- *Sash can accommodate glazing of virtually all types and thicknesses, including single, double, triple and low-E glazing (3/8" to 1 3/8").*
- *The use of angle sections on casement aluminium allows for impeccable 45° joints.*
- *Welded corners provide remarkable airtightness and watertightness.*
- *Interior glazing bead design is a key security feature, allowing the window to withstand 350 km/h (220 mph) winds.*
- *Cladding is fastened from the inside, leaving no visible screws.*
- *The PVC core of these windows has the highest number of internal chambers, delivering outstanding insulation and sound abatement qualities, as well as thermal efficiency and increased sturdiness.*

## Additional features

- Choice of maintenance-free external moldings for brick or board walls.
- Choice of maintenance-free PVC jamb extensions and trims for inside finishing.
- Opening mechanism and high-security multipoint locking system parts come with a corrosion-proof finish for greater durability.
- Mounting hardware is installed through a minimum of two PVC walls for secure and durable fastening.
- Casement opens a full 90° for easy cleaning.



## A choice of colours

Choice of durable and long lasting colours

Aluminium exterior

**Colour samples are available upon request.**



P.H. Tech expertise and know-how have been at the forefront of the most significant door and window design innovations in North America since 1962.

Live better... feel better... with P.H. Tech high-performance door and window systems. Designed and produced to meet your every need.

### System warranty

P.H. Tech Inc. provides a 20-year limited warranty on all residential PVC profiles.

Manufacturer's warranty may offer coverage that is different than P.H. Tech's.



### Test results for product manufactured according to P.H. Tech specifications

	Size tested mm (in.)	Harmonized standard AAMA/WDMA/CSA 101/I.S.D/AA440-08
Casement window	800 x 1800 (32 x 71)	CW-PG55-C
	1016 x 2159 (40 x 85)	R-PG45-C
Awning window	1200 x 800 (48 x 32)	LC-PG85-AP
	1524 x 1016 (60 x 40)	LC-PG40-AP

*Tests performed by an independent laboratory.*

*Refer to the test report for detailed manufacturing specifications recommended by P.H. Tech.*

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