# DoubleCOOL ACRYLIC COOLING SOLUTIONS



**PRODUCT OVERVIEW** 



**TABLE OF CONTENTS** 

Take a look around

History: Our Roots0	5
About Us: A Transparent View On Cooling_0	6
Benefits: Acrylic Cooling Solutions0	8
Benefits: Consumers & Partners0	9
Portfolio: Product Overview1	1
Products: ZEUS Multi-Deck1	2
Products: ZEUS Roll-In Milk1	4
Products: HERA Multi-Deck1	6

Products: HERA Roll-In Milk	18
Products: HERA Semi-Vertical	20
Products: OLYMPUS Multi-Deck	22
Products: ATHENA Semi-Vertical	24
Products: PEGASUS Semi-Vertical	26
Products: APOLLO Multi-Deck	28
Product Options	30
Products Packages	31





A passion for acrylics made two 22 years old school friends in 1952 decide to found their own trading company for acrylic: Polyplastic. The boys first started to sell acrylic sheets, but in 1956 they started their own acrylic production.

Thanks to the excellent, unsurpassed advantages of acrylic, such as less weight, more transparency and higher stability compared to glass solutions, Polyplastic made its breakthrough in the early 1960s in the form of window systems for the caravan industry.

DoubleCOOL by Lippert was founded as a new brand in 2014 as part of Polyplastic B.V. and has since gained weight from the parent company.

For more than 70 years, customers have enjoyed the benefits of passion for design, customized focus and rich industry experience, coupled with highly-engineered machinery, short lead times, and exceptional optical and thermal performance. Today Polyplastic B.V. and therefore also DoubleCOOL by Lippert, both Lippert brands, offer a unique combination of state-of-the-art manufacturing and contactless thermoforming technology.

The acrylic production facility is located in Tholen, Zeeland. The head office and production facility for both brands, Polyplastic by Lippert and DoubleCOOL by Lippert, are located in Rotterdam. The complete team now consists of more than 400 team members.





#### DoubleCOOL by Lippert

DoubleCOOL by Lippert is a specialist supplier, providing custom design, manufacturing and distribution of our innovative energy saving door solutions. Our unique, patented, frameless solutions have received worldwide recognition and adding effective contribution to a better environment. DoubleCOOL by Lippert offers standardized or tailormade solutions for both the retrofit market as well as refrigerated display cabinet producers (OEMs).

DoubleCOOL by Lippert cooling doors save significant energy up to 50% compared to open cabinets. Apart from the cost-effectiveness DoubleCOOL by Lippert doors reduce the amount of food wastage through better temperature distribution with the cabinets. As a result, a longer shelf life and quality of fresh food are possible. As an efficient barrier, DoubleCOOL by Lippert doors allow the use of environmentally friendly and highly efficient cooling technologies. With DoubleCOOL by Lippert doors it is possible to take the next step in the application of refrigeration technologies using low GWP refrigerants, such as propane and CO2.

With the unique, high quality, light weight double pane cast acrylic door solutions condensation is a thing of the past. DoubleCOOL by Lippert doors provide maximum visibility of products because the material allows more light to pass through than, for example, glass solutions. Due to innovative design, extreme low weight and wide opening angles the doors provide easy access and intuitive opening, which give consumers a positive feeling. The DoubleCOOL by Lippert doors can even be supplied with a transparent anti-scratch coating.

The DoubleCOOL by Lippert lightweight and easy handling refrigeration doors come in a complete turn-key package, with a clear installation instruction. The fast and clean installation typically happens in two minutes per door. This means no loss of revenue due to a limitation in opening hours.

The main focus of DoubleCOOL is design, production and worldwide distribution of cast acrylic door solutions. DoubleCOOL is your partner both for the retrofit market and new OEM refrigerated cabinets. The DoubleCOOL by Lippert patented unique frameless solution both for retrofit and OEM manufacturers has found already world wide recognition for saving energy up to 50% in supermarkets. DoubleCOOL by Lippert is a trademark and part of the Polyplastic B.V., the global leader in lightweight, transparent rigid solutions for the mobility and retail market.

We value innovation and customer intimacy. We bring services that are centered around you and your requirements, both for retrofit and OEM solutions.

#### Lippert EMEA

In 2016, Lippert<sup>™</sup> began to focus its attention and resources in the European Caravanning Market acquiring some of the most successful companies in the industry. Headquartered in Tuscany, Italy, Lippert's manufacturing capabilities include entry door manufacturing and lamination, bed lifts, pop up roofs for camper vans, slide-outs, table legs, TV Brackets, bike carriers, entry steps, blinds and flyscreens. Ever advancing in this market, Lippert has also expanded into The Netherlands by acquiring the Dutch Polyplastic group of entities (Jan 2020), which specialize in producing window-system solutions for the Caravanning and Equestrian industries and cooling door-system solutions for the Retail industry. Most recently, Lippert acquired the German brand Schaudt, a manufacturer of power management, battery chargers and electronic control systems. In 2023, Schaudt rebranded to Lippert.

As Lippert expanded into the European Caravanning Market, several strategic acquisitions were made in the Global Rail Industry, creating the Lippert Rail Division, manufacturing glass windows and interior furniture for trains. In the Rail Sector, Lippert's continued focus is on highly engineered products and extensive research of innovative solutions, offering these products to vehicle owners, operators, manufacturers and refurbishers, industry subcontractors, authorities and organizations.

Lippert also made a substantial investment in the Global Marine Market with the acquisition of the Lewmar Limited group of entities, an industry leader in hardware, winches, hydraulics, windlasses, anchors, thrusters, steering systems, hatches and portlights that suits every vessel from the smallest day fisher to largest mega-yacht.

As part of Lippert, we combine our strategic manufacturing capabilities with the power of a winning team culture to deliver unparalleled customer service, award-winning innovation and premium products to every customer we do business with. With more than 12,500 team members worldwide and a diverse portfolio of premium brands, Lippert has proven time and time again that the organization's possibilities are truly endless by putting people first.

Our motto is: business as a force for good.





Saving energy up to 50%

Improves sustainability

▶ 100% double-pane cast acrylic

▶ 100% condensation free

Made in The Netherlands

Lightweight design

Increased safety

Reduce food waste







#### Consumer Benefits

- Frameless design provides maximum visibility on exposed products
- Lightweight (7 kg) acrylic doors are easy to open compared to heavy glass doors
- Highest transparency in the market (98%)
- Double-pane, cast acrylic improves appearance and is 100% condensation free

### Partner Benefits

- Reduces food waste by increasing product shelf life (expiration) up to three days
- Up to +10% increase in sales from improved consumer shopping experience
- Doors will not splinter and are virtually unbreakable, making them the safest solution
- Retrofitting provides up to 50% energy savings
- Instantly reduces energy emissions and carbon footprint
- Sustainable materials are easy to reuse and recycle
- Quick, easy installation (One meter every 5 to 20 minutes)
- Door lifetime cycle is a minimum of 10 years
- Co-engineering, testing programs and customization options available



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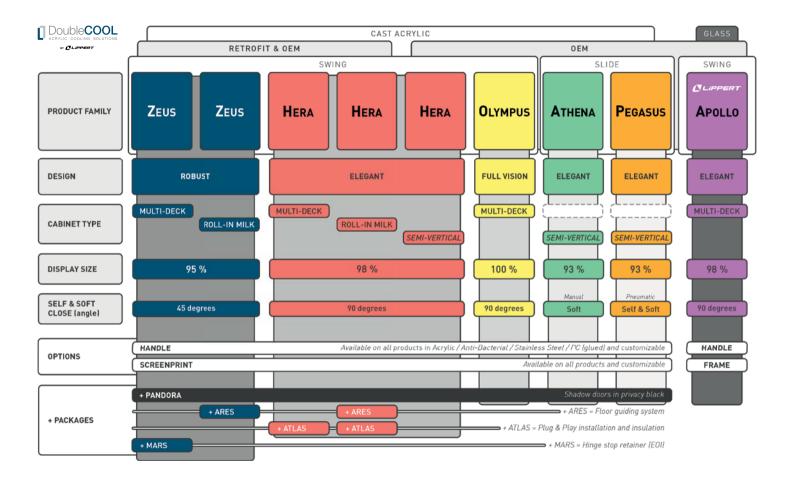


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# PORTFOLIO

**Product overview** 





#### Original swing solution that started it all

#### Features

Options

Packages

+ PANDORA

+ MARS

Handle and screenprint

- Made from cast acrylic
- OEM and retrofit
- Swing-open operation
- Robust design
- 95% display size
- 45° self and soft close













#### Original swing solution for easy storage of milk trolley's

#### Features

#### Options

- Made from cast acrylic
- OEM and retrofit
- Swing-open operation
- Robust design
- 95% display size
- 45° self and soft close



# Handle and screenprint

#### Packages

- + PANDORA
- + ARES























#### Elegant combination of our components for the best atmosphere

#### Features

#### Options

- Made from cast acrylic
- OEM and retrofit
- Swing-open operation
- Elegant design
- 98% display size
- 90° self and soft close



# Handle and screenprint

- Packages
- + PANDORA
- + ATLAS











#### Prestige swing solution for easy storage of milk trolley's

#### Features

#### Options

- Made from cast acrylic
- OEM and retrofit
- Swing-open operation
- Elegant design
- 98% display size
- 90° self and soft close



Handle and screenprint

#### Packages

- + PANDORA
- + ATLAS
- + ARES



















#### Radiant swing solution to brings light into a semi-vertical cabinet

#### Features

#### Options

- Made from cast acrylic
- OEM only
- Swing-open operation
- Elegant design
- 98% display size
- 90° self and soft close

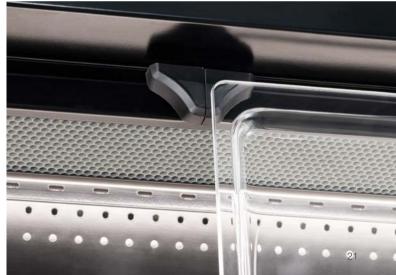


- Handle and screenprint
- Packages
- + PANDORA











#### Champion with the most display area and the highest quality

#### Features

#### Options

Packages

+ PANDORA

• Handle and screenprint

- Made from cast acrylic
- OEM only
- Swing-open operation
- Full vision design
- 100% display size
- 90° self and soft close













#### Radiant manual sliding solution for semi-vertical cabinets

#### Features

#### Options

- Made from cast acrylic
- OEM only
- Manual slide operation
- Elegant design
- 93% display size
- Soft close



- Handle and screenprint
- Packages
- + PANDORA













#### Fast pneumatic sliding solution for semi-vertical cabinets

#### Features

#### Options

- Made from cast acrylic
- OEM only
- Pneumatic slide operation
- Elegant design
- 93% display size
- Self and soft close



- Handle and screenprint
- Packages
- + PANDORA











#### First elegant glass solution

#### Features

- Made from glass, by Lippert
- OEM only

- Swing-open operation Elegant design
- 98% display size
- 90° self and soft close



- Options • Handle
- Frame







#### Screenprint

- Standard black screenprint (pictured)
- Custom screenprint on request



#### Stainless steel handle

• Custom on request



Cast acrylic handle

• Custom on request

#### Anti-bacterial handle

• Custom on request



#### PC (glued) handle

• Custom on request (excluding Zeus)





#### Pandora package

• Shadow doors in privacy black







#### Ares package

• Floor guiding system



#### Mars package

• Hinge stop retainer (EOI)



#### Atlas package

• Plug-and-play installation and insulation







# WHENEVER, WHEREVER, WE MAKE YOUR EXPERIENCE BETTER.™

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