

Thermal Performance





Aluminum thermal break technology

Virtually maintenance-free, aluminum is strong, flexible, recyclable, and can be manufactured in nearly any color or shape. Being naturally resistant to corrosion, it is also resistant to weathering under even the harshest conditions. Snow, rain, intense heat, or strong winds, Arcadia Custom Thermal Aluminum provides the structure and design to withstand extreme elements.

**Energy Performance** 

In order to utilize all the attractive properties of aluminum while reducing its thermal conductivity, Arcadia Custom designs its windows and doors by providing a thermal break in the frame. A thermal break separates the frame into interior and exterior pieces.

A synthetic polymer, with strength and expansion properties similar to aluminum, creates a bond connecting the two parts, reducing the transference of heat and cold. Using a thermal break means the temperature on the outside of the frame reduces the effect inside of the frame, which reduces energy costs and improves comfort inside the home.

Water Performance

Arcadia's 85 years of experience is used in producing its residential line of products by combining sophisticated engineering, design, and manufacturing techniques, which result in the highest quality doors and windows. The same critical skill and knowledge used to construct doors and windows for large-scale commercial buildings and 100-story

residential high-rises, is applied to the windows and doors for your single-family home, producing products that are designed to perform and last.

Hurricane Performance

Additionally, Arcadia Custom products are rated, certified, and labeled by the National Fenestration Rating Council [NFRC], a non-profit organization which provides accurate and credible energy performance ratings for windows and doors.





## "...an imaginative vision..."



Bringing an imaginative vision to functional reality is the aim of Arcadia Custom's window and door solutions.

To create a stylish space which reflects your aesthetic, preferences, and comfort requires a delicate balance of skilled design and creativity. Arcadia Custom achieves this through a wide range of options and configurations which meet the logistical needs of your home while excelling in delivering sleek, contemporary design.

Whether it is a fully modern structure of glass and steel, a house that is as natural as the surrounding landscape with wood and stone, or an urban-meets-rural mash-up, Arcadia Custom has the window or door to bring the concept to life.

Imagine opening up your world and embracing nature with a simple slide or push. The location of your home now becomes an exquisite detail of your layout. Virtually endless options allow you to expand your footprint with doors which open right up to the natural feature that enticed you to select the location—be it a beach or lake, forest or desert. Easily fuse indoor and outdoor spaces as desired, and then separate them again as function dictates.

Invite natural light in, remove barriers, and expand

"... to functional reality..."

views with windows and window walls tailored to your home. The wide variety of options allow you to uniquely frame endless vistas, capture magnificent skylines, and embrace nature in sophisticated fashion.

With Arcadia Custom, your home becomes a living work of art.

**SLIDING** DOORS **SLIDING** DOORS

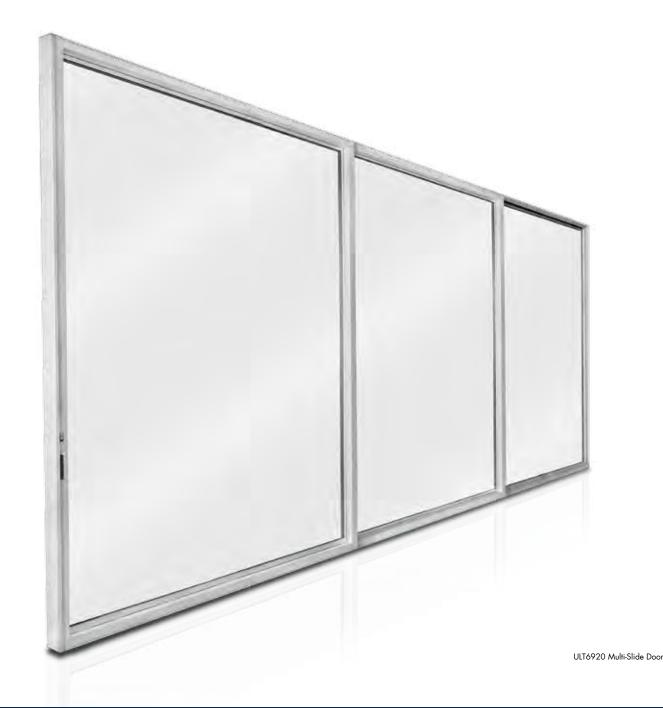
## **Multi-Slide Door**

ULT6920

**Large Format** 

The ULT6920 Large Format Multi-Slide Door is designed for large format door panels and large glass sizes.

Monumental sliding doors accommodate 1½" triple-glazed glass, for improved energy performance and larger glass sizes.





### **Features**

**Size** Individual door panel sizes up to **8'** wide, **14'** tall, with individual glass not to exceed 72 sq. ft.; glass type may restrict door panel size

**Thermally Broken** Door panels and frames for improved energy performance

High Performance Standard 1" dual-glazed, Low-E glass; or optional 11/2" triple-glazed glass,

Glass see NFRC Chart at arcadiacustom.com for glass specifications

Frame Depth 2 %" per door; i.e., three door panels will equal a 8 %" total track width

**Hardware** Stainless steel lock; 2" diameter, 4-wheel, marine-grade, stainless steel precision

bearing rollers

**Track** Marine-grade, non-corrosive stainless steel for optimum EZ-gliding performance

#### **Options**

**Triple-Glazed Glass** Optional 1½" triple-glazed, high performance, Low-E glass for even more

high-energy performance

Floor Track Sill Concealed recessed track

**Screens** Full-size door with 2 7/8" track; options include only using a single screen door

to allow ventilation, or mirroring as many operating doors with their own

screen door. Pocketing side-roll screens also available

Jamb Type Block Frame and Nail Fin

TDL/SDL Lite Grid See page 96 for details on true-divided-lite/simulated-divided-lite grid options

**SLIDING** DOORS **SLIDING** DOORS

# Multi-Slide Door Configurations

ULT5920 | ULT5520 | ULT6920

Multi-Slide Doors can be configured as a standard wall jamb or pocket sliding door system with almost any number of sliding door panels. They can also be configured as a 90-degree corner door or any other custom degree angular door configuration.

#### Configurations

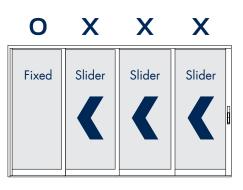
Standard OXX, OXXX ... , OXXXXO ...

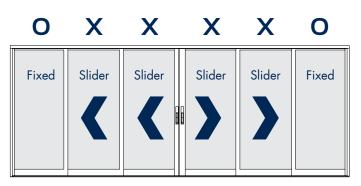
Pocket PX, PXX ... , PXXP, PXXXXP ...

Corner OX/XO, XO/OX, OXX/XXO ...

Additional fixed panels can be connected to each other on the same fixed door track, allowing for the assembly of huge glass wall systems, which maintain consistent door sight lines.

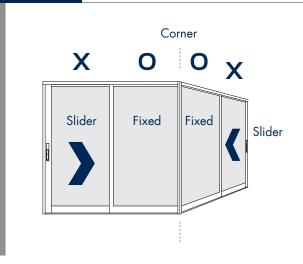
#### Wall-to-Wall Jamb | Standard

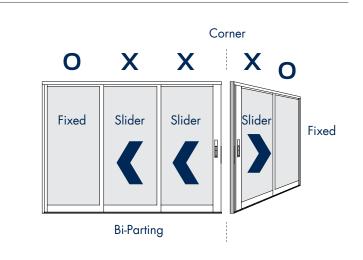




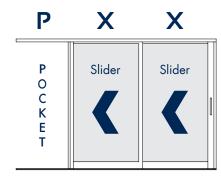
**Bi-Parting** 

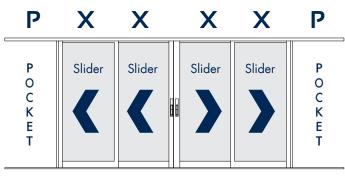
#### Corner





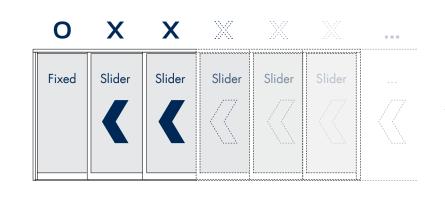
#### **Pocket**





Bi-Parting

### **Build-Your-Own**



Add as many more door panels as needed.

For more configurations visit arcadiacustom.com