

ARCADIA RITZ[®]

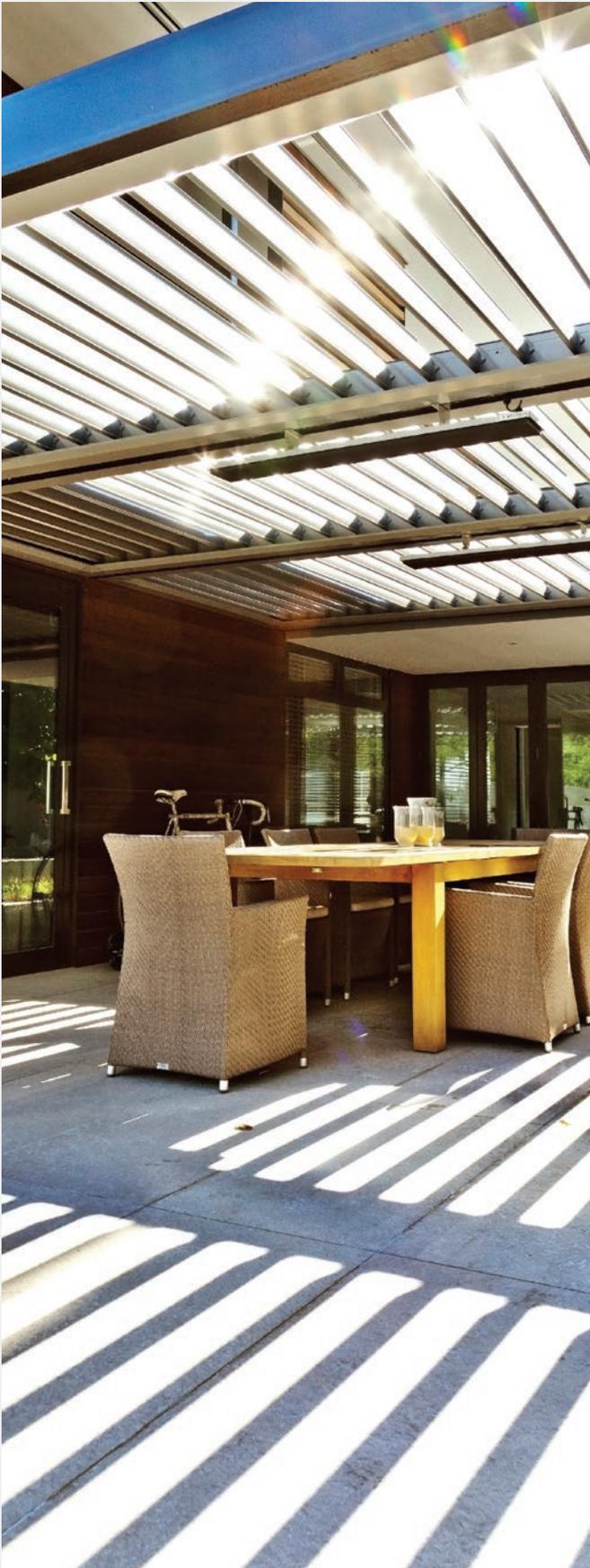
OPERATING ROOF SYSTEM



 **ARCADIA[®]**
Ventilation and Sunscreen Specialists



RITZ® OPERATING ROOF SYSTEM



OVERVIEW

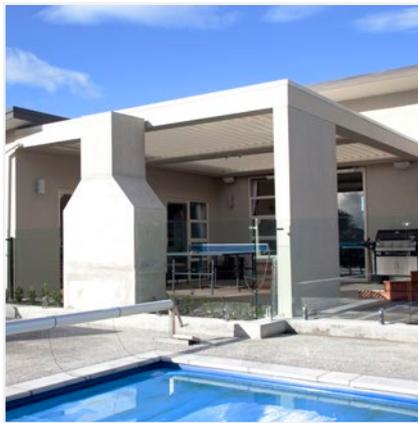
Arcadia Ritz® Operating Roof System is a **practical sun control solution**. The Ritz® Operating Roof System is the ultimate compliment to an outdoor area. Perfect for increasing the usability of a BBQ area or keeping café customers covered from direct sun light and rain. Available with rain sensors and remote switching, Arcadia Ritz® Operating Roof System is as changeable as the weather.

IN THIS BROCHURE YOU WILL FIND

- Ideas on how Ritz® can enhance a building.
- Information on the energy efficiency of the Arcadia Ritz® Operating roof System.
- A guide covering various custom options available.
- Design specification information.

We are available to answer your questions. Call our experts who will talk through your design requirements and will be more than happy to assist you.

THE RITZ® EXPERIENCE



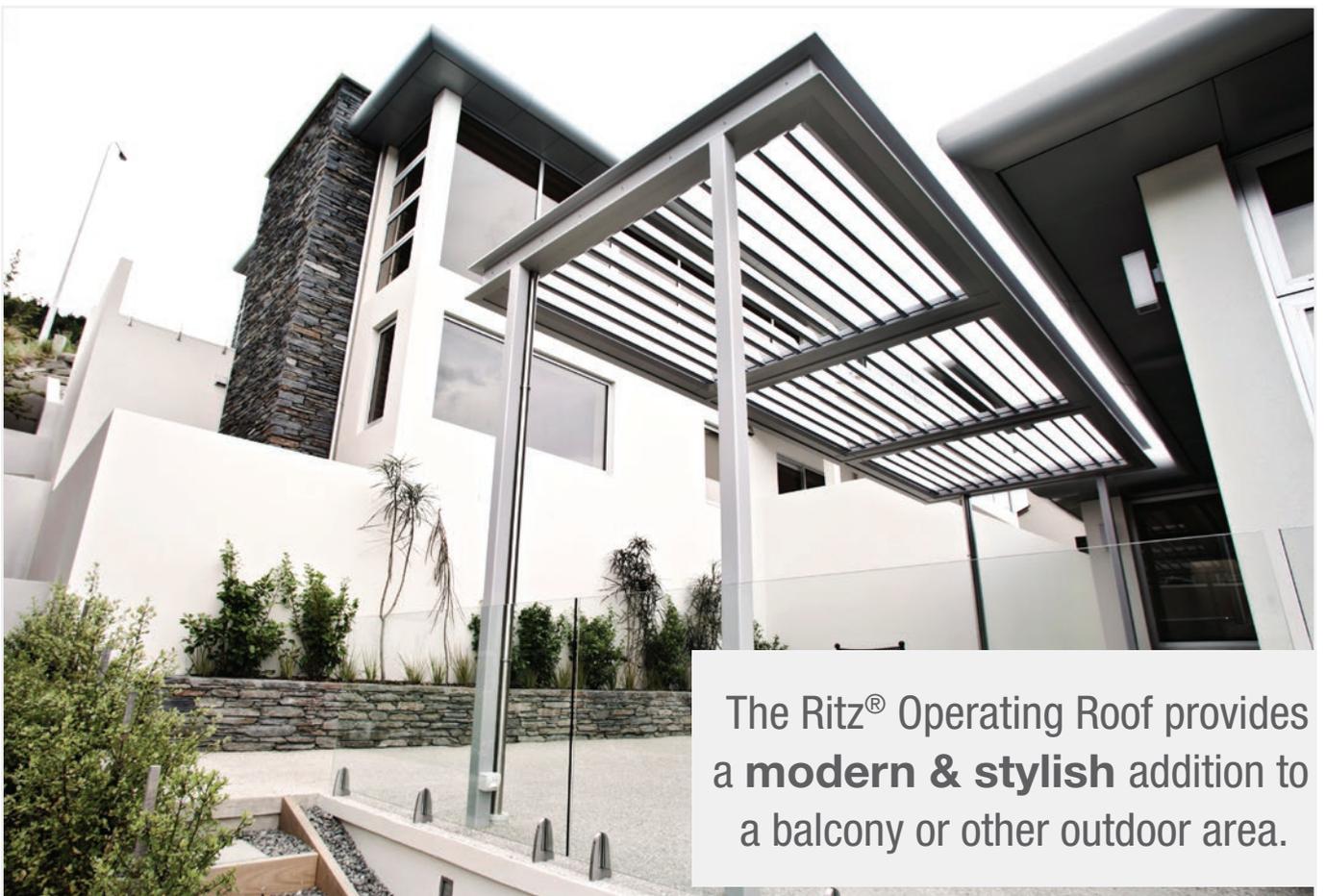
RITZ® OPERATING ROOF SYSTEM

The Ritz® Operating Roof provides a **modern and stylish** addition to a balcony or other outdoor area.

With adjustable blades the Ritz® Operating Roof System provides true versatility enabling control of light, temperature, precipitation and ventilation.

Arcadia would be happy to provide a demonstration of the Ritz® Operating Roof System in operation and otherwise assist you to find the best solution for your project.

RITZ® OPERATING ROOF SYSTEM



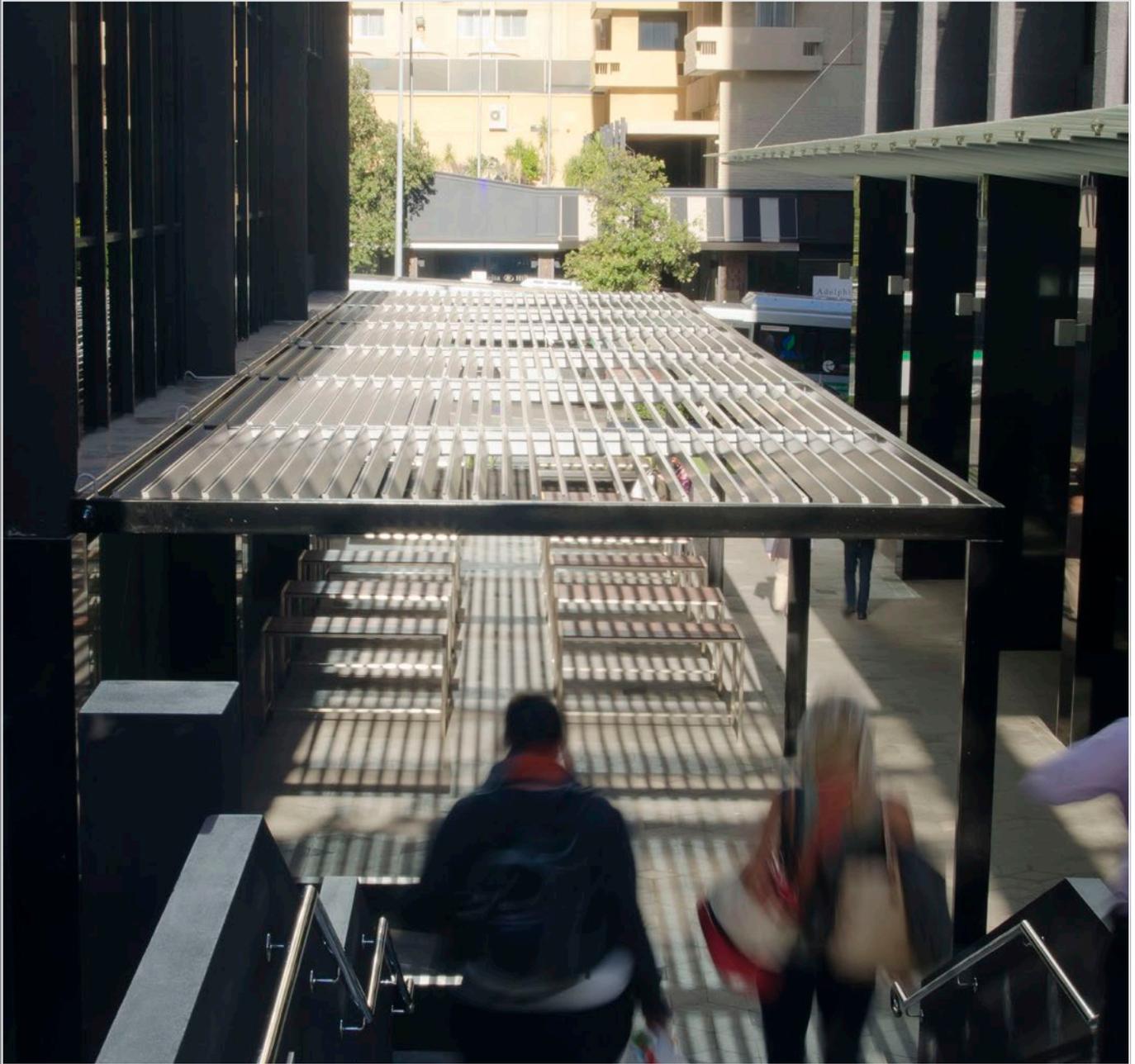
FUNCTION

The Ritz® Operating Roof System is remote controlled and can be linked to environmental sensors to automatically operate the blades to suit changing conditions. During the heat of summer direct sunlight can be blocked whilst delivering natural ventilation. Throughout the cooler months during winter the blades can be angled to permit additional heat warming into a building or alternatively sealed shut to drain rainfall to gutter and down pipes.

BENEFITS

- Privacy
- Ventilation
- Shade control
- Light control
- Control the environment
- As changeable as the weather

ARCADIA RITZ® PIAZZA BLADE



ARCADIA RITZ® STANDARD BLADE



BLADE AND FIXING OPTIONS

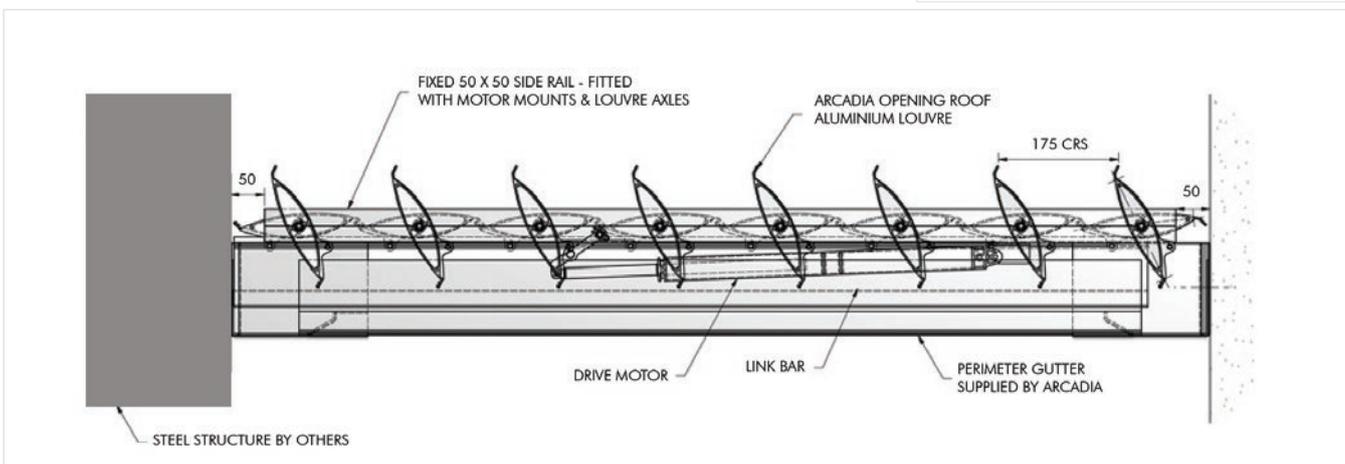
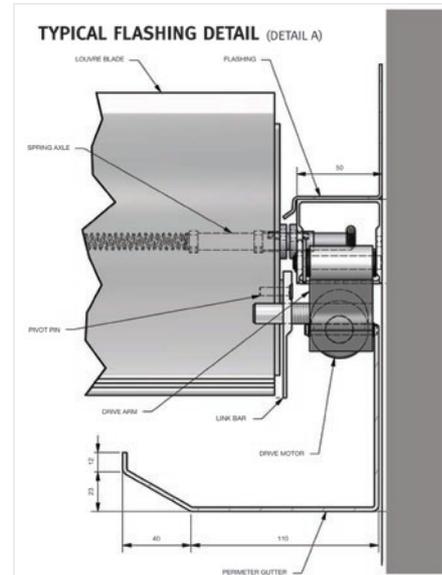
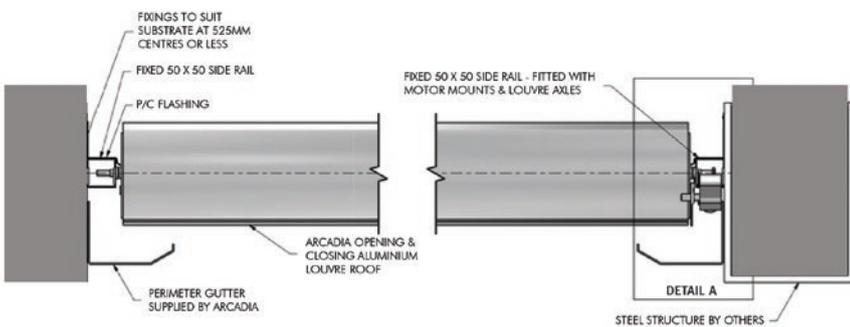
RITZ® STANDARD BLADE

- Sleek elliptical profile



RITZ® PIAZZA BLADE

- Increased spans
- Flat profile



Arcadia reserves the right to change the Ritz® Operating Roof System product details at any time.

TECHNICAL INFORMATION

SPANS

Recommended maximum span is 3.4m (greater spans can be achieved safely but weathering performance may be impaired. Please contact Arcadia for advice, or use the Piazza Blade profile)

FINISHES

The full range of powder coat and anodising finishes are available. Contact Arcadia for a colour chart.

FLASHINGS

Flashings are normally required when mounting to a steel frame. Good quality sealants are acceptable if mounting to steel or aluminium.

DOWN PIPES

Down pipes are normally taken from the bottom of the gutter at a corner, however, alternative solutions can be found for those complex situations.

GUTTER JOINTS

Gutter corners are normally joined with a separate welded corner unit to minimise the risk of leaks, however, it is advisable to mitre and seal the corners when using an anodised finish to ensure continuity of colour.

OPTIMUM OPENING SIZE

Optimum opening size equals 175mm x number of blades + 65mm.



ELECTRICAL DETAILS

The Ritz® Operating Roof System comes with the full range of electric operating options. Up to four different areas of louvre can

be individually operated from a wall switch or wireless remote. Rain and wind sensors can also be added to the circuit to operate the system automatically.



PUSH BUTTON

Designed for operating one area of louvres. Use in conjunction with 24V DC power supply.



RC REMOTE CONTROL

Must be used in conjunction with the CRM control unit and the KP push button.



KP PUSHBUTTON

This component is required if operating two or more areas separately or if using a remote. Must be used in conjunction with the CRM control unit.



CRM CONTROL UNIT

Must be used if the KP Pushbutton, RC Remote Control or RS Rain Sensor is required.

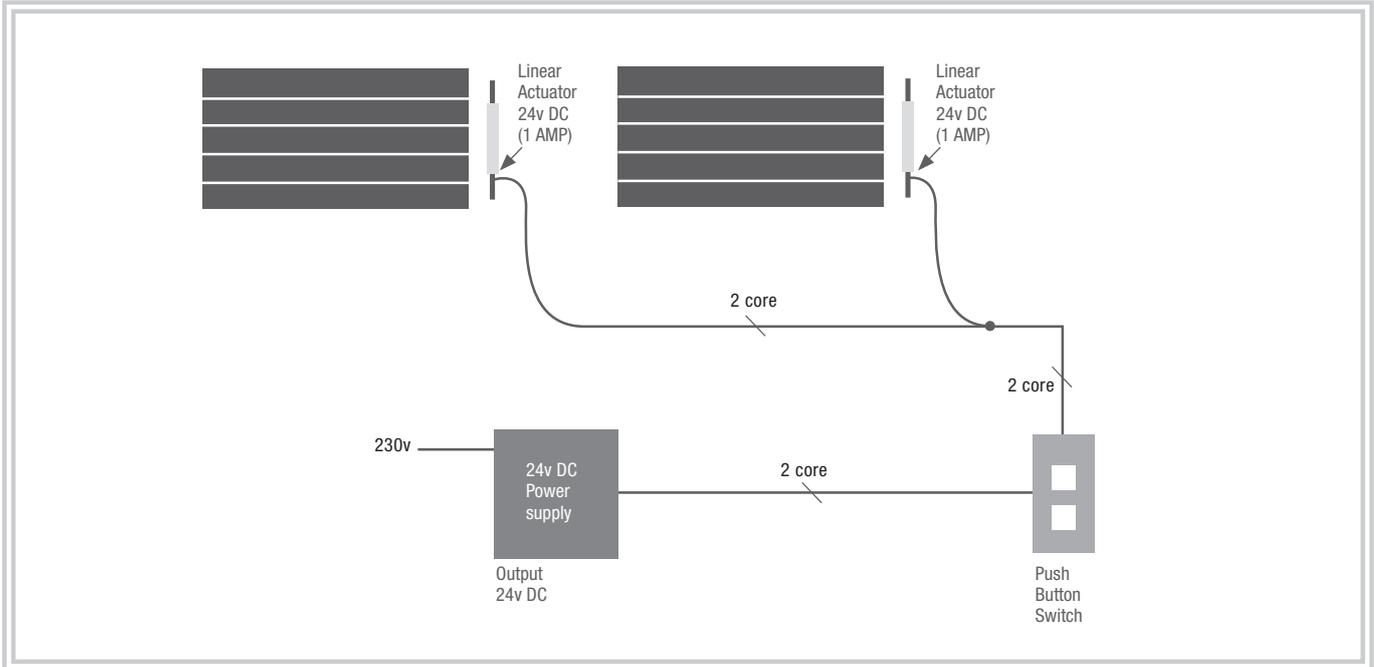


RS RAIN SENSOR

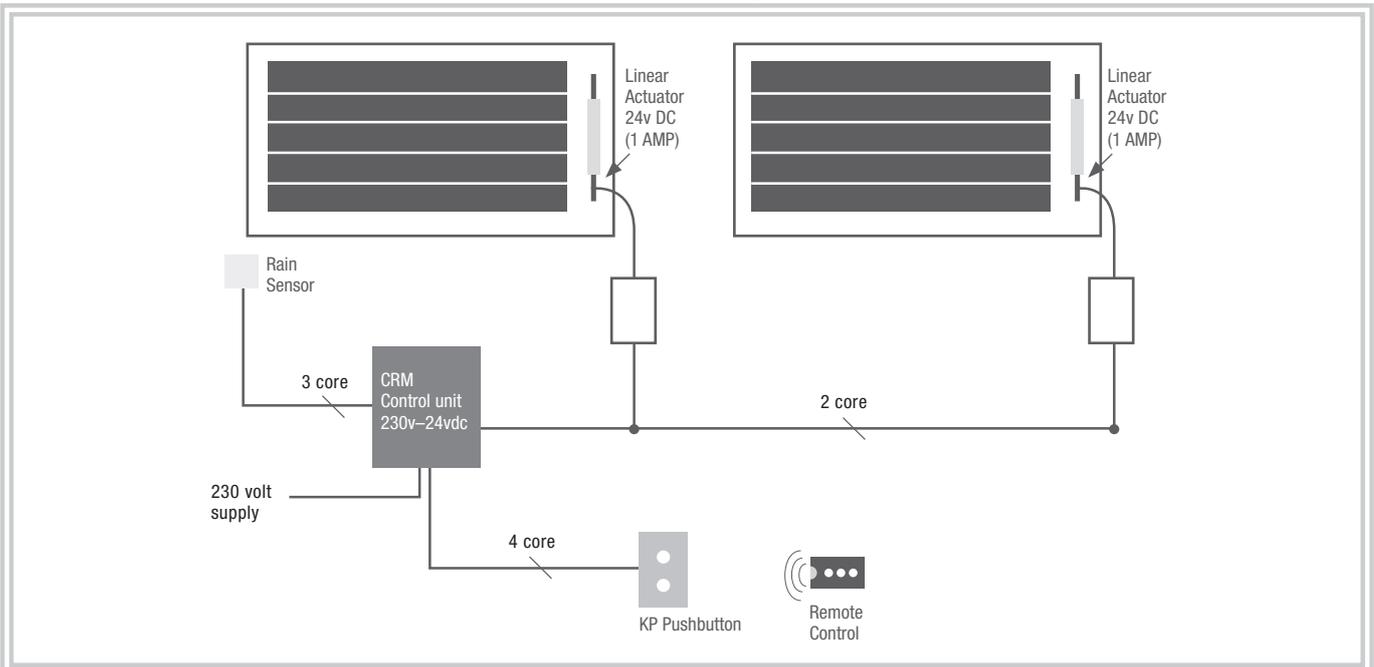
Must be used in conjunction with the CRM control unit.

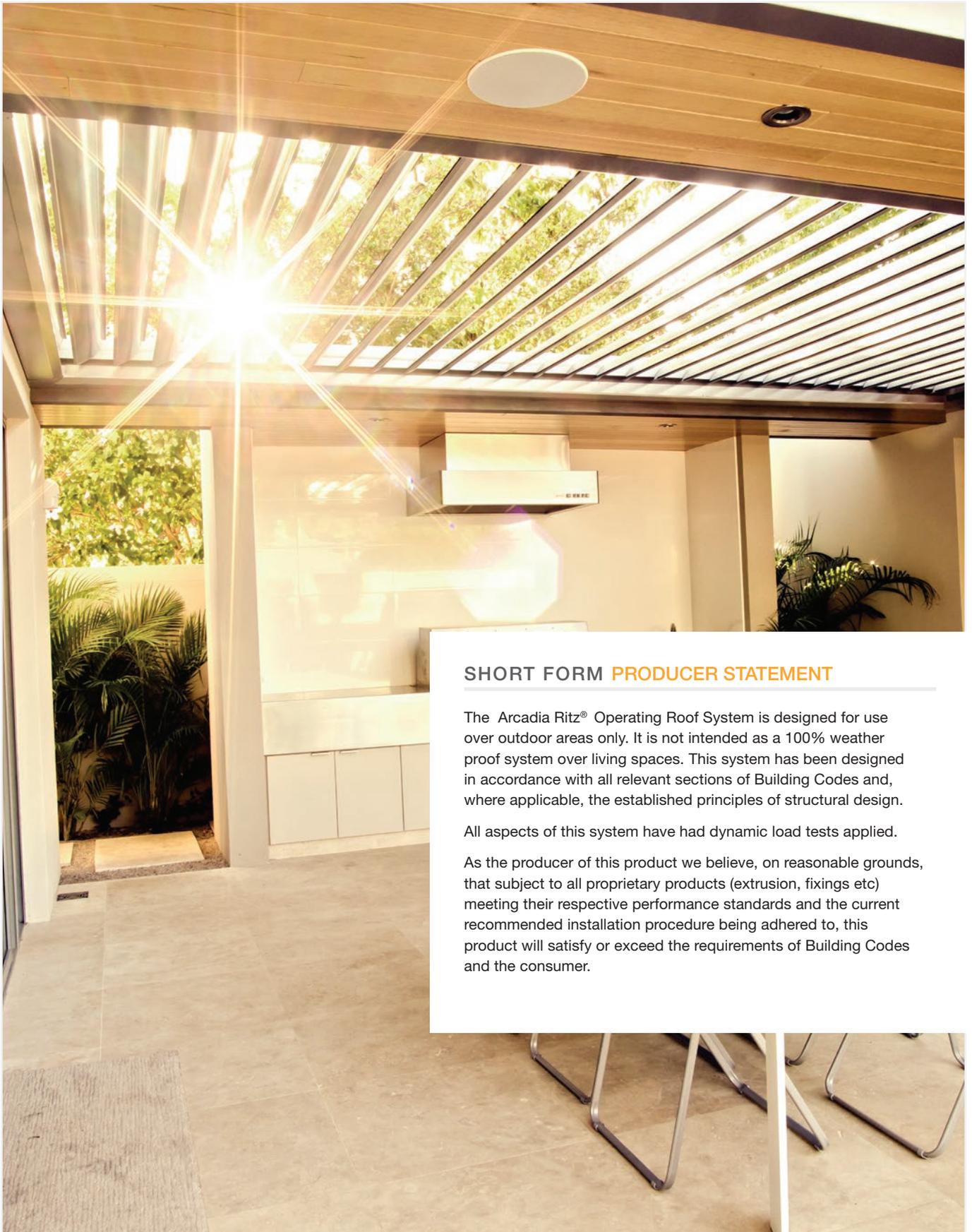
RITZ® ELECTRIC WIRING DETAILS

WIRING DIAGRAM USING PUSH BUTTON SWITCH



WIRING DIAGRAM USING CRM CONTROL UNIT, RAIN SENSOR AND REMOTE CONTROL





SHORT FORM PRODUCER STATEMENT

The Arcadia Ritz® Operating Roof System is designed for use over outdoor areas only. It is not intended as a 100% weather proof system over living spaces. This system has been designed in accordance with all relevant sections of Building Codes and, where applicable, the established principles of structural design.

All aspects of this system have had dynamic load tests applied.

As the producer of this product we believe, on reasonable grounds, that subject to all proprietary products (extrusion, fixings etc) meeting their respective performance standards and the current recommended installation procedure being adhered to, this product will satisfy or exceed the requirements of Building Codes and the consumer.

RITZ® | OPERATING ROOF SPECIFICATION

RITZ® OPERATING ROOF

Operating roof shall be Ritz® Series, designed to protect from direct sunlight and rain, manufactured from extruded aluminium base material as standard with the manufacturer and finished using (select from **A** below).

Ritz® Operating roof shall be fitted with the (select from **B** below) type louvre blades.

LOUVRE CONTROLS

The Ritz® Operating roof shall be fitted with (select from **C** below). The Ritz® Operating roof shall be fitted (select from **D** below).

INSTALLATION AND MOUNTING

Installation and mounting details will be designed to satisfy wind actions for Region (select from **E** below) and Terrain Category (select from **F** below) in accordance with AS 1170.2 structural design actions to suit Arcadia proprietary systems and manufacturers recommendations.

A RITZ® COLOUR

- Powdercoat range
- Anodising range
- Specialised finishes available upon request

B RITZ® LOUVRE BLADE

- Standard Profile
- Piazza Profile

C LOUVRE CONTROLS

- Standard Push Button Controller
- KP Push Button Controller and the CRM Control Unit
- KP Push Button Controller, the CRM Control Unit and a RC Remote Control

D RAIN SENSOR

- With a rain sensor
- Without a rain sensor

E REGION

- Region A
- Region B
- Region C
- Region D

F TERRAIN CATEGORY

- 1
- 2
- 2.5
- 3
- 4

G SIZE RANGE

- Maximum louvre length with one motor shall be 5000mm

Arcadia reserves the right to use alternative similar products to Zinalume® and Colorbond® materials.

ARCADIA IS A COMPANY THAT OFFERS A PROFESSIONAL TEAM WITH DIVERSE EXPERTISE.



DESIGN



MANUFACTURE



PROJECT MANAGEMENT



MAINTENANCE

PROVIDING A FULL SPECTRUM OF SERVICES FROM CONCEPT TO COMPLETION FOR EVERY ASPECT OF YOUR PROJECT.

COMPANY NAME

Arcadia Global Pty. Ltd.

ABN No 62 008 668 291

FOUNDED

1927

EMAIL

admin@grouparcadia.com.au

WEBSITE

WWW.GROUPARCADIA.COM.AU



SYDNEY - MELBOURNE - BRISBANE - ADELAIDE - PERTH - DARWIN

PHONE 1300 458 458

EMAIL sales@grouparcadia.com.au

©2017 Arcadia Global Pty. Ltd.

This document is protected by copyright and all rights are reserved. No part of it may be reproduced, stored in a retrieval system or transmitted in any form by any means electronic, mechanical, photocopying, recording or otherwise without the prior written permission of the owner of the Copyright, or pursuant to the terms of a licence granted by behalf of the Copyright owner.