



RETRACT ROOFS CONFIGURATION

TWO MOTORS FOR TWO FUNCTIONS

Louvretec's Retract Roofs have two operating functions, each controlled by separate Somfy 25Nm motors

Motor 1 - Retract Motor

This Motor Retracts | Extends the Louvre Blades

Motor 2 - Rotate motor

This Motor functions like a standard Opening Roof - rotating the Louvre Blades between 0 to 135°

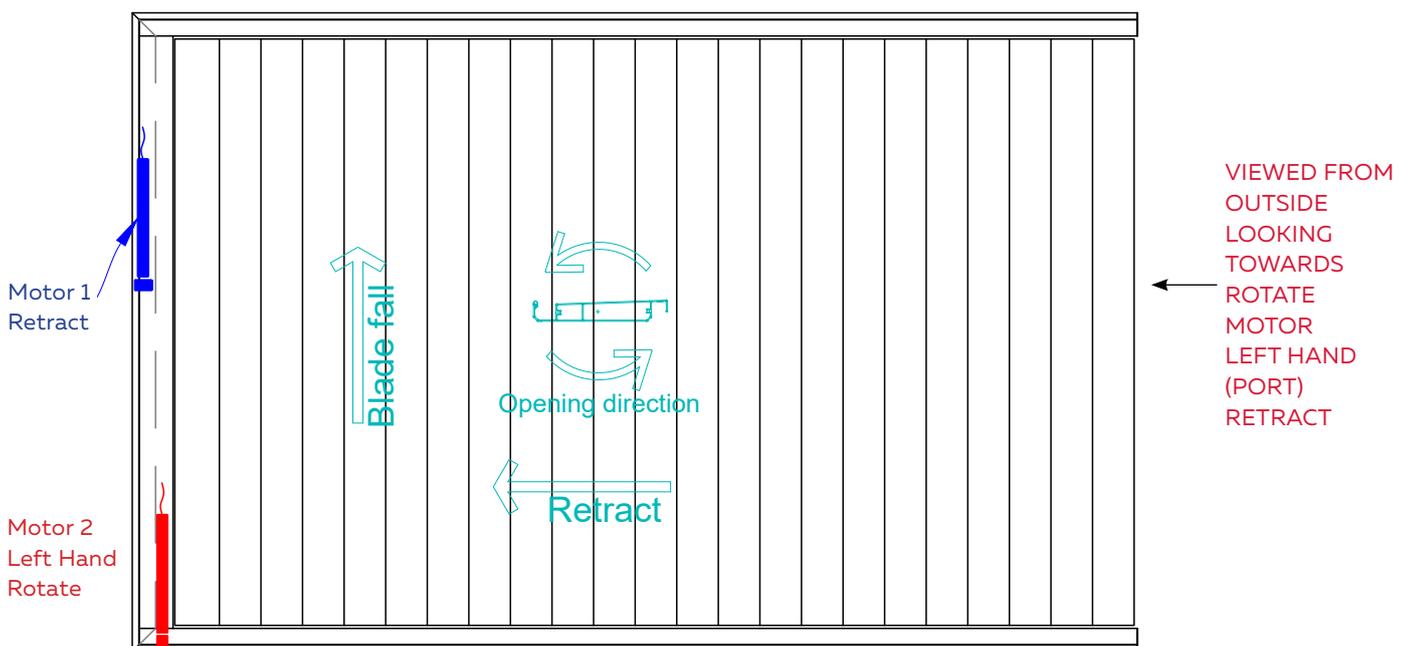
Fall on blades

This is determined by the location of the **Rotate Motor** which is always located on the high side of the Blade. Fall on Blades is always 60mm from Drive Side down to Passive Side.



ROTATE MOTOR & RETRACT DRIVE SHAFT

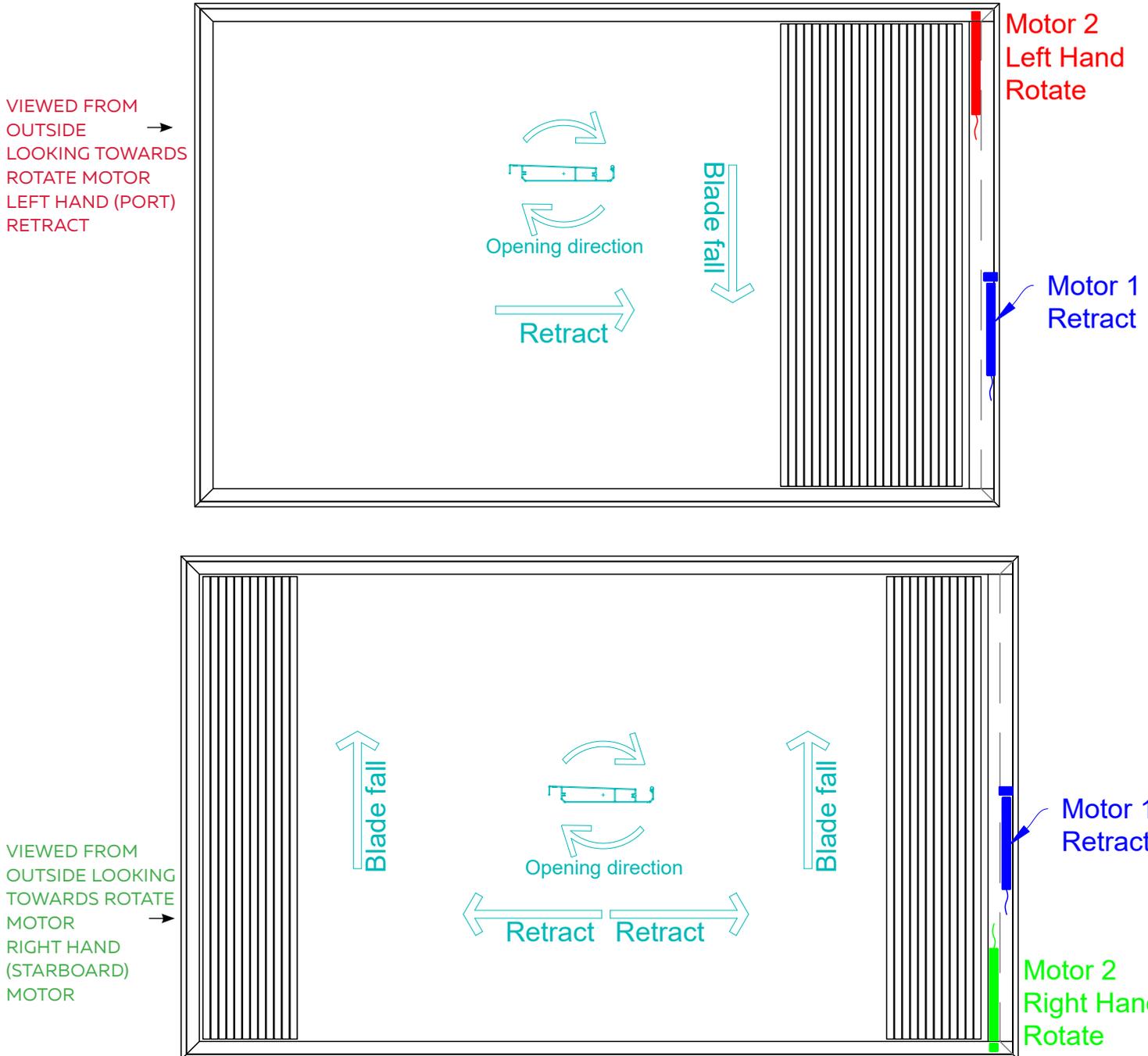
TECHNICAL DETAILS RETRACT & ROTATE TWIN MOTORS - 3 SIDED FRAME



RETRACT ROOFS MOTORS

TECHNICAL DETAILS RETRACT & ROTATE TWIN MOTORS - 4 SIDED FRAME

4 SIDED FRAME



Fall on blades

This is determined by the location of the Rotate Motor which is always located on the high side of the blade.

REFER TO ILLUSTRATIONS ON THIS PAGE

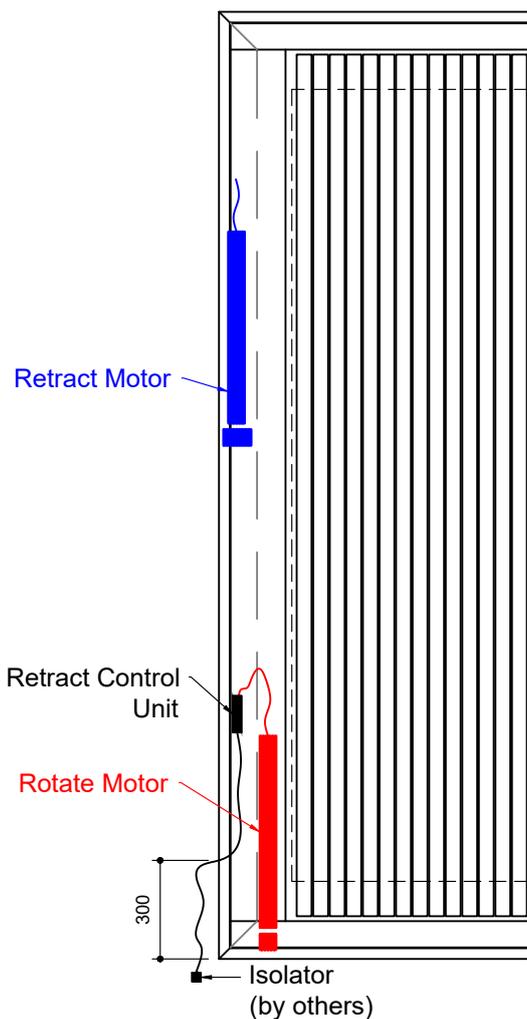
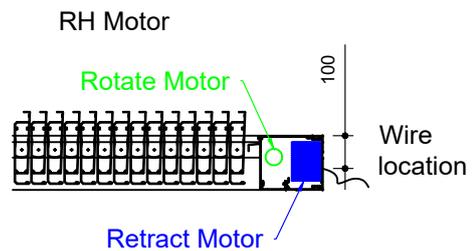
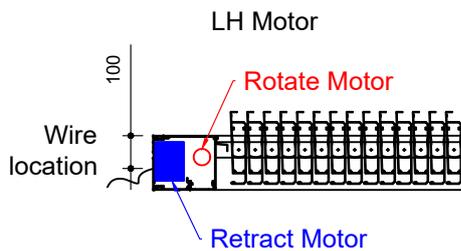
(LEFT HAND - PORT) or

(RIGHT HAND - STARBOARD)

as viewed from outside looking towards the motor.

TECHNICAL DETAILS WIRE POSITIONS FOR RUNNING POWER TO CONTROLLER

- When preparing to run power to the Retract, plan to enter the frame approximately 300mm away from the motor corner (the controller side) and 100mm down from the top.
- Leave enough excess cable to reach the middle of the frame.
- Protect the wire from sharp metal edges by using flex conduit or other suitable sheathing.
- A local isolation switch is required.



Viewing Direction

