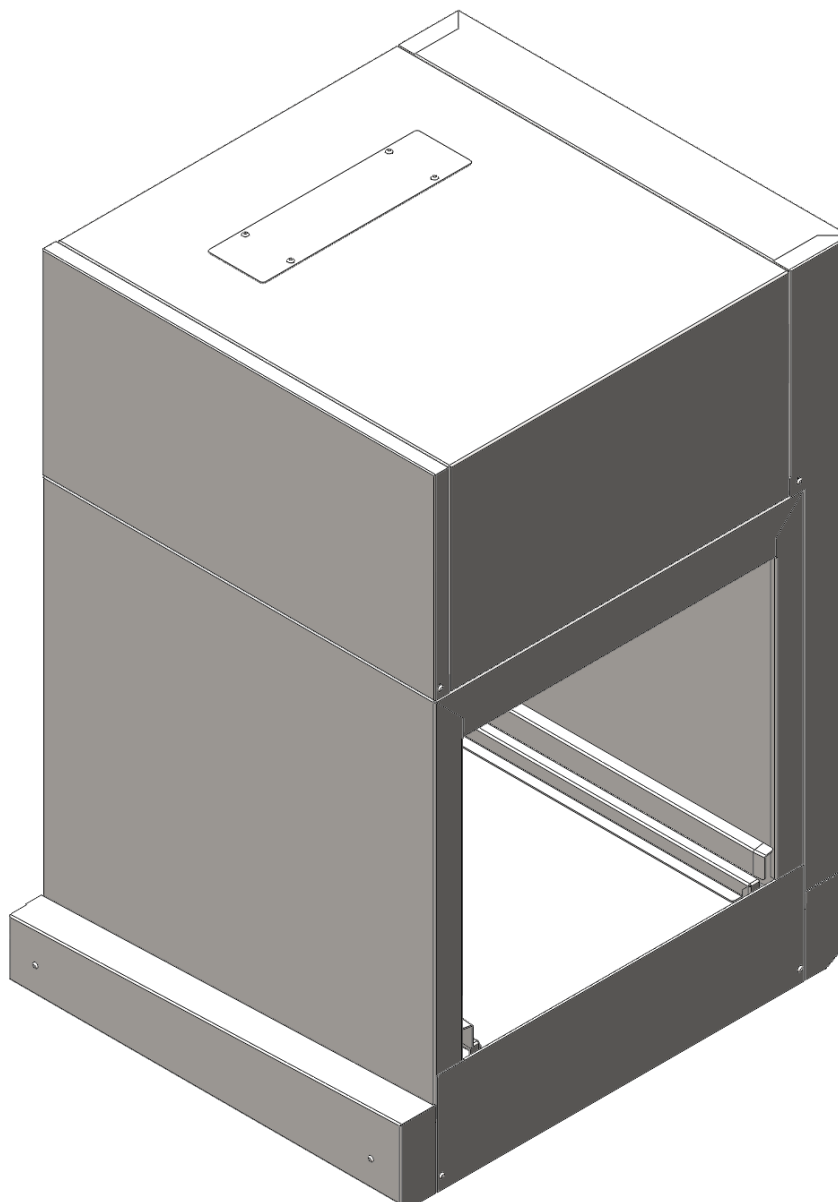


## Fitting dryer unit to CST unit





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# 1. Introduction

CAREFULLY READ THESE INSTRUCTIONS, BEFORE INSTALLING THIS APPLIANCE.

INCORRECT INSTALLATION, ADAPTATIONS OR ALTERATIONS COULD RESULT IN INJURY OR DAMAGE TO PROPERTY.

MALICIOUS DAMAGE, DAMAGE DUE TO NEGLIGENCE, OR FAILURE TO COMPLY WITH THESE INSTRUCTIONS AND LOCAL LEGISLATION, OR UNAUTHORISED TAMPERING WILL INVALIDATE ANY WARRANTY AND RELIEVE THE MANUFACTURER OF ALL LIABILITY

## Installation:

Installation should only be carried out by a **Classeq** approved technician, in accordance with current regulations and within our instructions.

Each section of this instruction is important in achieving a good installation of the dryer unit. DO NOT skip any sections.

Familiarise yourself with **ALL** the instructions before attempting the fitting.





## Repairs and spare parts:

The appliance must only be repaired by a **Classeq** approved technician, using genuine **Classeq** spare parts, failure to do so could invalidate any warranty and relieve the manufacture of all liability.

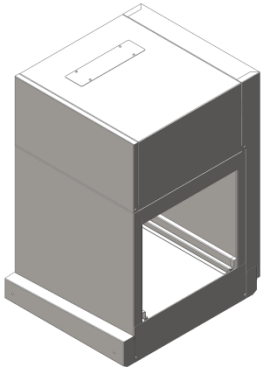

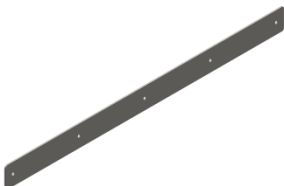



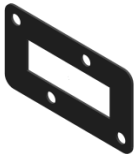

## Modification:

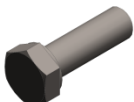
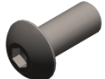


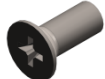


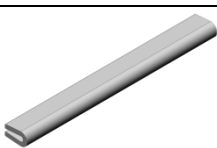
**Classeq** reserves the right to modify either the appliance or the contents of these instructions without notice.

## 2. Recommended Tool Kit

<u>Recommended hand tools</u>	<u>Specification</u>
	8.0mm - Spanner & nut runner / socket
	10.0mm - Spanner / nut runner / socket
	10mm to 18mm - Adjustable spanner
	3mm Hex key
	No. 2 - Pozi screw driver
	Electric screw driver (small)
	Med flat screwdriver
	Silicone gun with sealant (MS930 preferred)

### 3. In this kit

<u>Picture</u>	<u>Description</u>	<u>Qty</u>
	Dryer unit	1
	Side brace plate (3 holes)	4
	Top brace plate (5 holes)	2
	Cassette	1
	Cassette link plate	2
	Clamping plate (on unit)	2
	Seal (on unit)	2
	Offset	2

	M5x16mm screws	2
	M5x12mm socket button head screws	8
	M5 flange nut	2
	M3 flange nut	2
	M5x10mm socket counter sunk head screw	8
	M5 prevailing torque nut	8
	M6 Washer	8
	Dryer harness lower section	1
	Edge protection (**mm)	1
	120x2.5mm cable ties	25

## 4. Before fitting.

Before fitting the dryer unit to the machine ensure that:

- The unit is setup for the correct machine direction (i.e. Left hand or right hand exit) and alter this as required (►6).
- There is sufficient space for the unit to be installed.
- Be sure to peel back any laser film on the side of the machine on which the unit is to be installed.

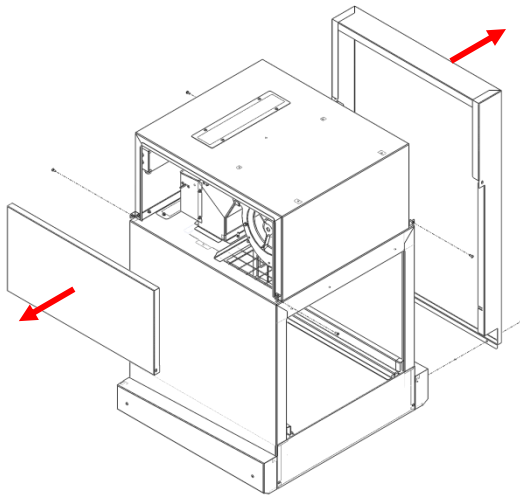
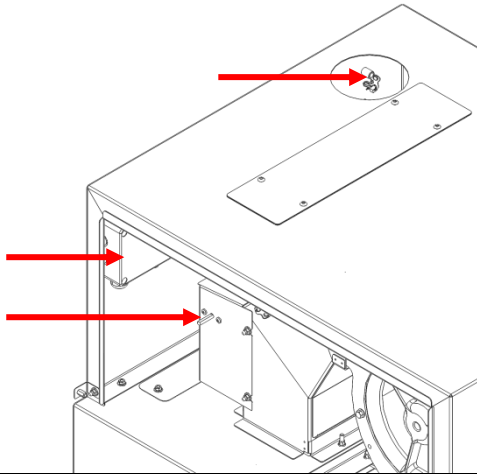
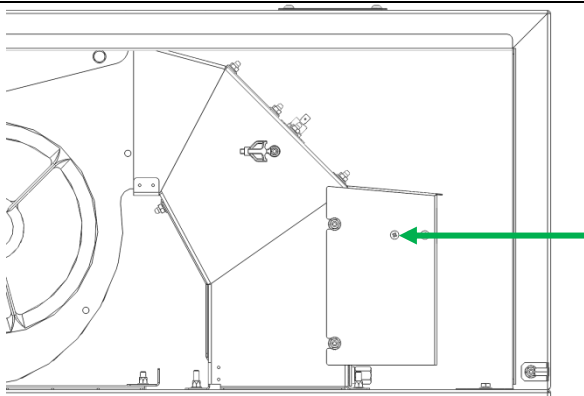
## 5. Warning and safety information

The unit should only be operated at or within the voltage specified on the rating plate on the main machine. The installer and user are responsible for ensuring the installation and operation of this machine are in accordance with local and national regulations.

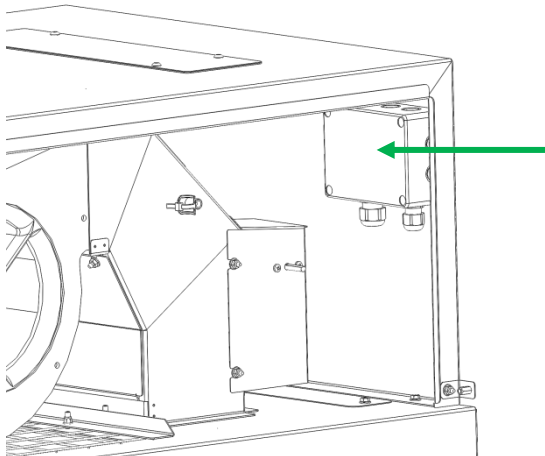
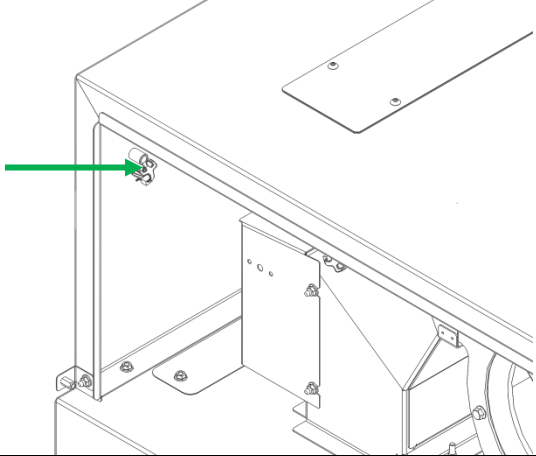
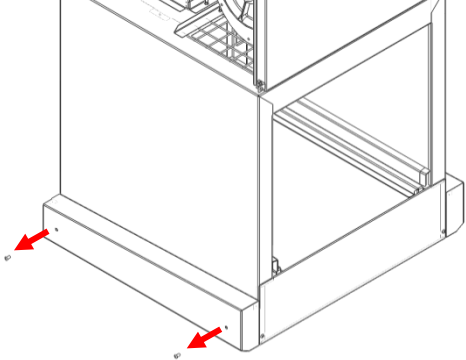
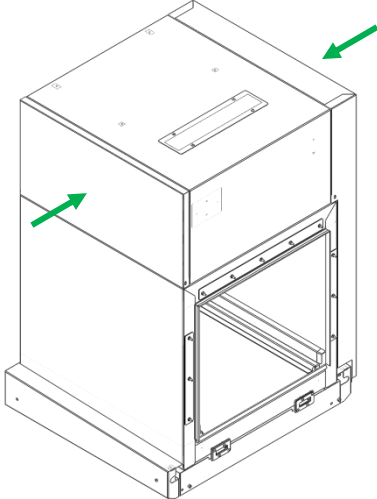
- Do not insert any items or parts of your body between moving components, as this could cause injury.
- Beware of touching or placing items onto the wash tunnel of the machine, as this can get hot during use.
- The dryer unit weighs more than 50kg and should be handled with care. When installing the unit a lifting trolley should be used.

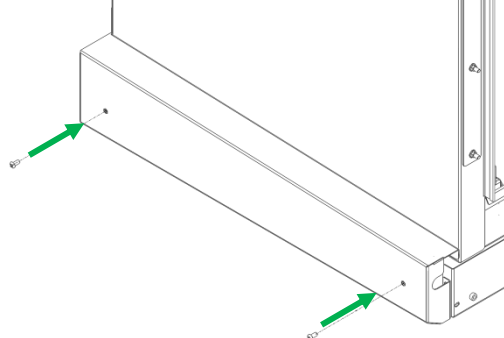
## 6. Changing direction of unit

Images show changing a unit for a left hand entry machine to a right hand entry unit.

Step	Description	Picture
1	Remove the front and back covers on the unit	
2	Open the blower terminal block case	
3	Remove the blower terminal block case, adjustable thermostat and stud mounted cable tie.	
4	Feed items from step 3 and the main trunk of the harness through the top of the unit to the opposite side.	
5	Fit the adjustable thermostat to the thermostat bracket, taking care not to change the temperature setting.	

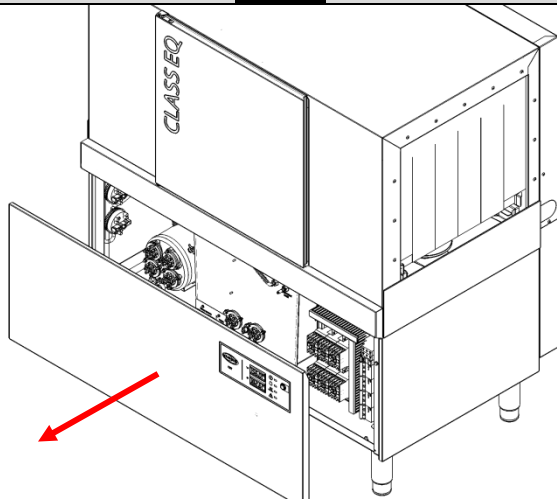
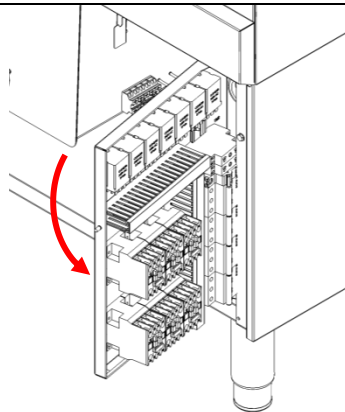


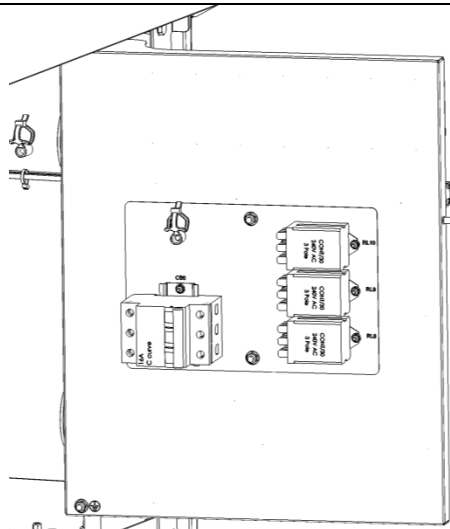
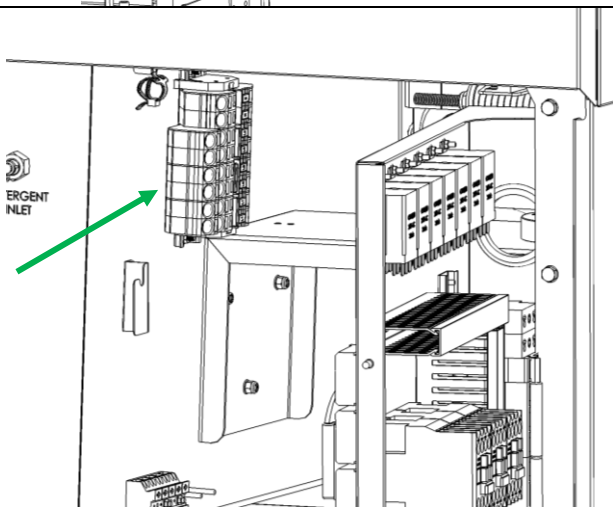
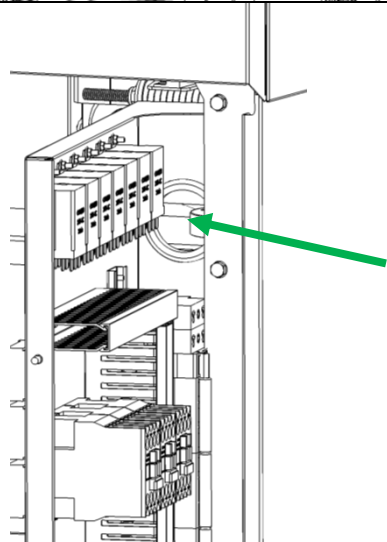
6	Fit the blower terminal block case to the side of the top panel.	
7	Fit the cable tie with the trunk of the harness to the top panel opposite the blower terminal block case.	
8	Close blower terminal block case.	
9	Remove 2x M5x12mm socket button head screws from the skirt currently at the front of the unit.	
10	Refit and fasten the front and rear covers	

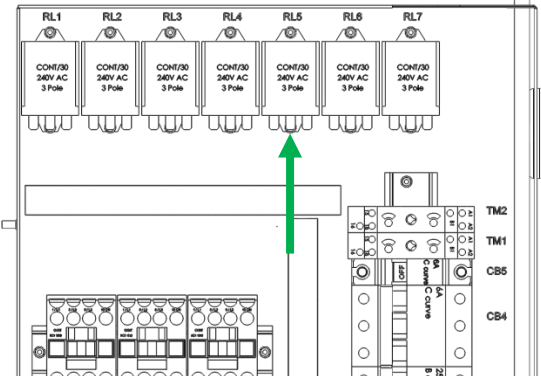
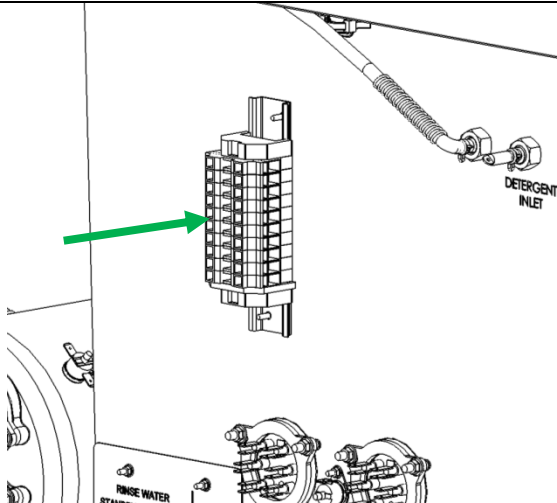
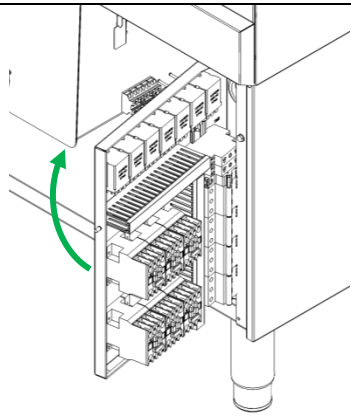
11	Refit 2x M5x12mm socket button head screws to the skirt now at the front of the unit (without the rear panel).	
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## 7. Installing dryer controls to machine

**N.B. Always ensure the machine is isolated from the mains electrical supply before attempting to fit these components.**

Step	Description	Picture
1	Remove the bottom front panel of the machine	
2	Open the control panel box	

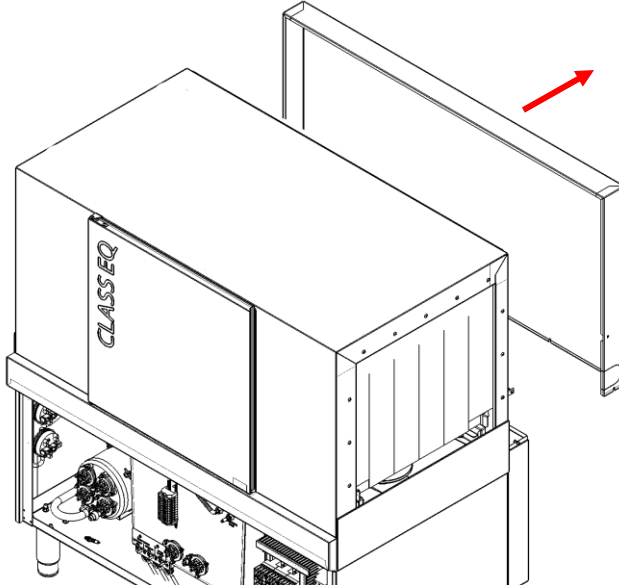
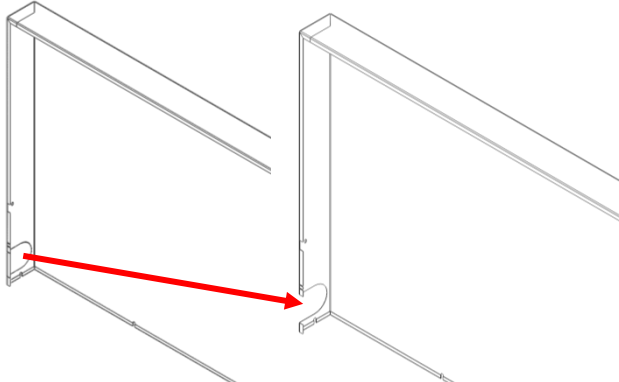
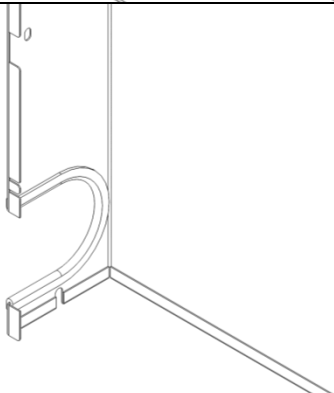
3	<p>Fit the dryer unit control panel to the back using the 2x M5 flange nuts provided</p>	
4	<p>Insert the cables with the bootlace terminals into the open terminal in the main terminal block</p> <ul style="list-style-type: none"> <li>• Brown to L1</li> <li>• Black to L2</li> <li>• Grey to L3</li> </ul>	
5	<p>Route the white and blue wires with male terminals into the front of the control panel.</p>	

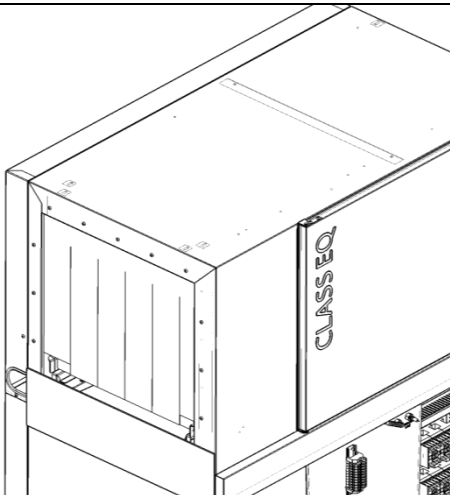
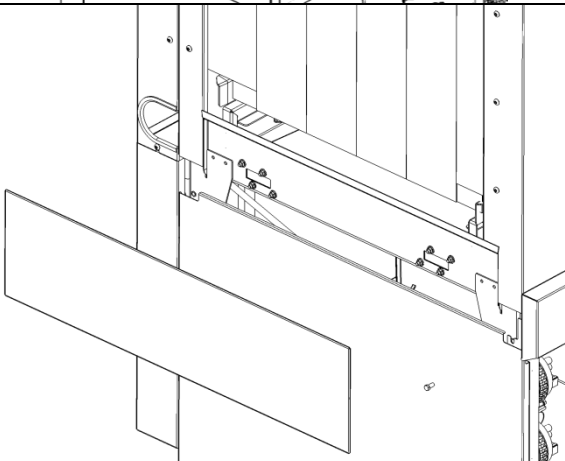
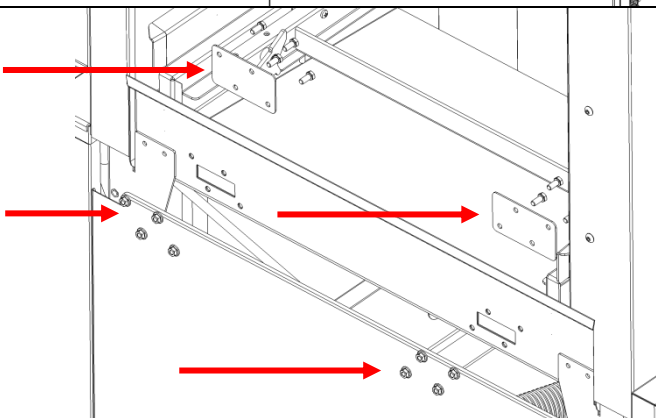
6	Locate RL5 (drive motor relay)	
7	Remove the wires with the green insulators from the coil and replace them with the new wires. Fit the wires from the machine harness in the male terminals	
8	Fit the dryer harness terminal block to the front of the wash tank and fasten using the 2x M3 flange nuts provided	
9	Route dryer harness along the machine harness and cable tie in place.	
10	Close the control panel <b>DO NOT</b> refit the front panel <b>DO NOT</b> turn on power to the machine.	

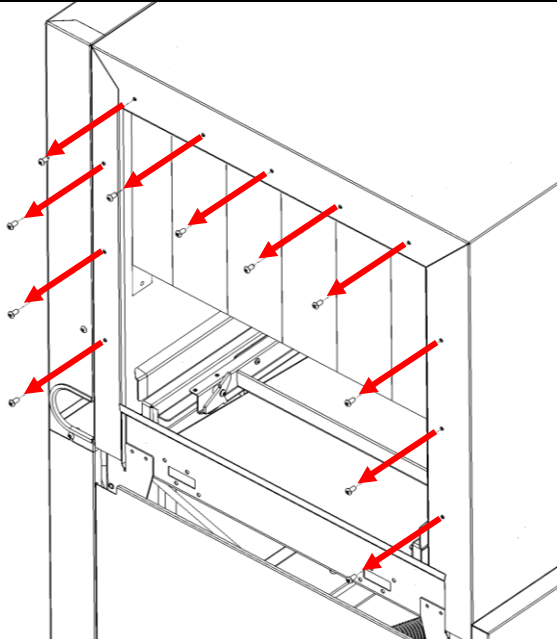
## 8. Preparing the machine

The following steps should be carried out on the exit side of the machine in order to prepare it for the installation of the dryer unit.

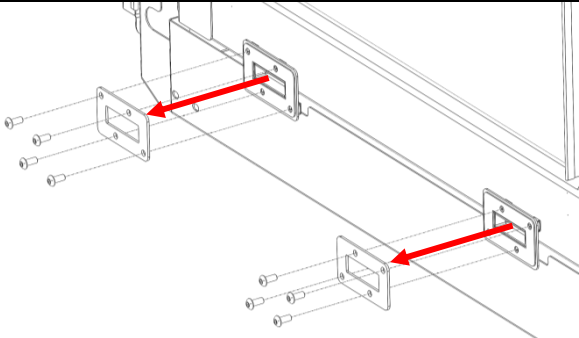
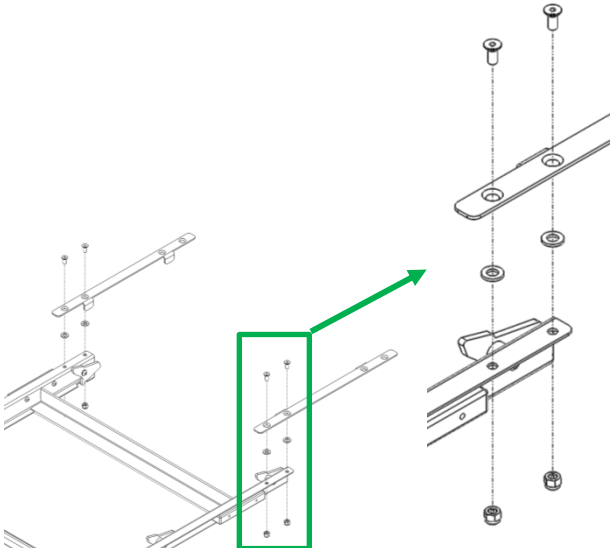
Images shown are of a machine with a left hand exit.

Step	Description	Picture
1	Remove top rear panel from machine	
2	Remove the “knockout” section in the rear panel on the side that will have the dryer fitted.	
2	Fit the edge protection strip around the exposed edge	

3	Refit the top rear panel	
4	Remove the side skirt and hex head screws from the machine on the side that will have the dryer fitted.	
5	Remove the cover plate and seals from the drain holes in the tank of the machine on the side that will have the dryer fitted.	
6	Peel back the laser film to expose steel on the side of the machine on the side that will have the dryer fitted.	

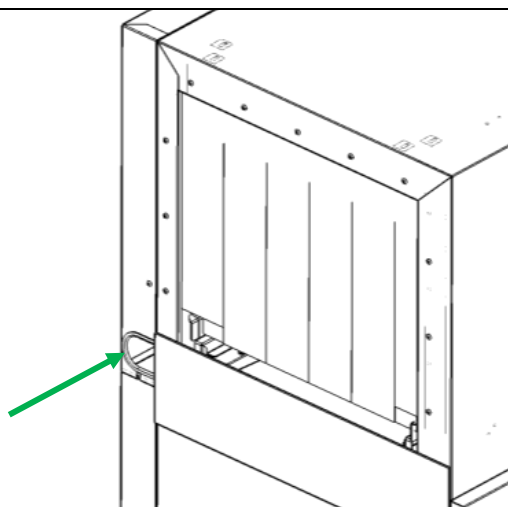
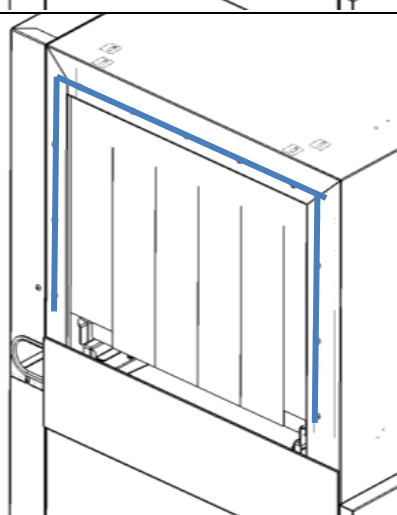
7	<p>Remove and retain 11x M5x12mm socket button head screws and flange nuts on the side that will have the dryer fitted. These will be used later to fasten the unit in place.</p>	
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## 9. Preparing the dryer unit

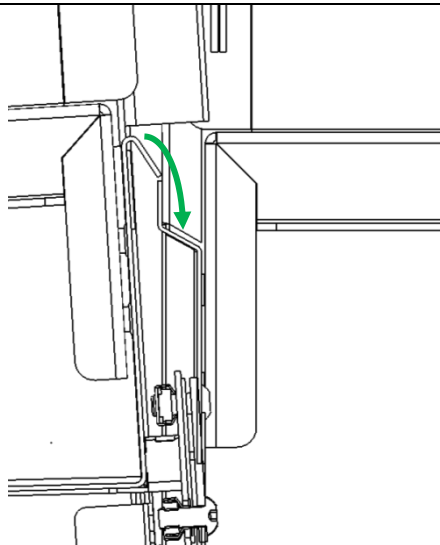
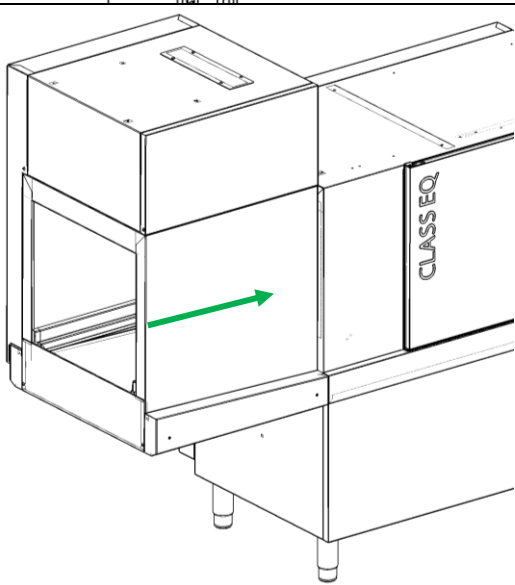
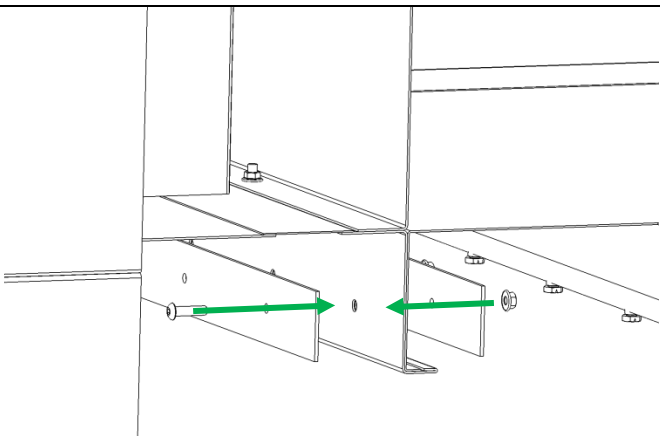
Step	Description	Picture
1	<p>Remove and retain the clamping plates</p>	
2	<p>Peel back all laser film on the mating face to expose steelwork.</p>	
3	<p>Fit the cassette link plates to the dryer cassette and fasten in place with 4 x M5x10mm socket counter sunk head screw, M6 washers and M5 prevailing torque nut.</p> <p>Take note of washer placement</p>	

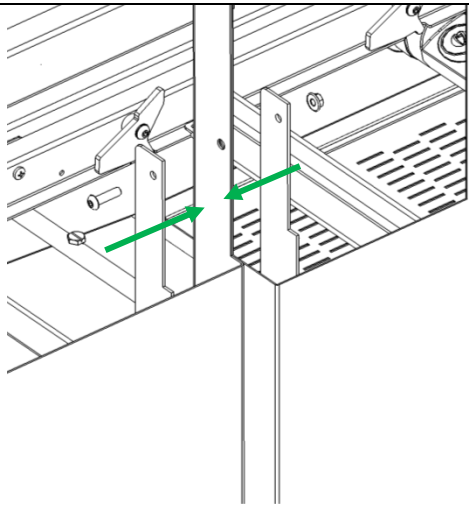
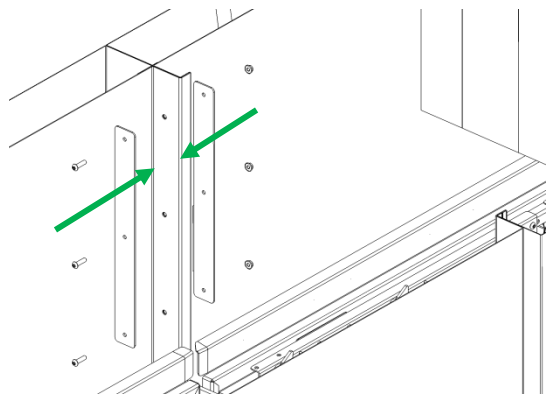
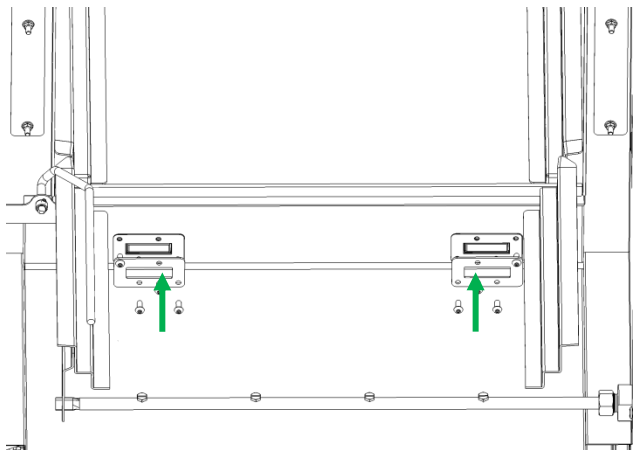
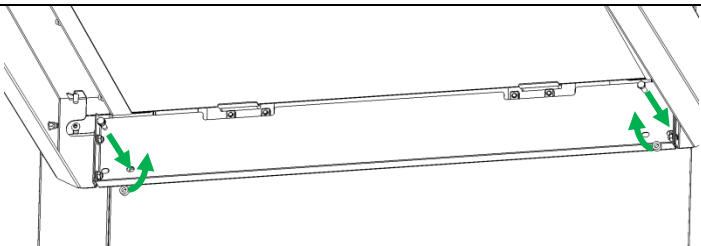
## 10. Fitting the dryer unit

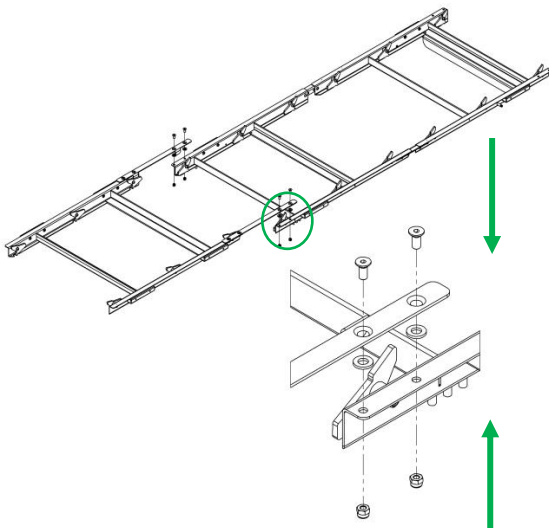
Images shown are of a machine with a left hand exit unless stated otherwise.

Step	Description	Picture
1	Using a lifting trolley bring the unit to the exit of the machine so that the tunnels align. <b>DO NOT marry them up yet.</b>	
2	Put the dryer harness through the hole in the rear panel of the machine.	
3	Add sealant to the machine face so as to create a seal when the unit is fitted.	



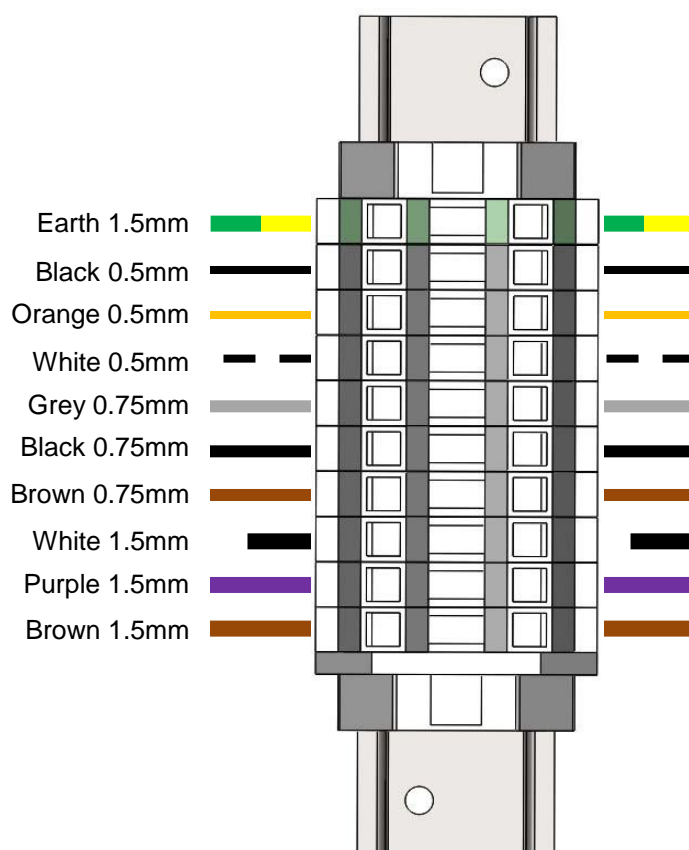
4	<p>Bring the dryer unit towards the machine and hook the lip on the sump of the dryer onto the edge of the machine.</p>	
5	<p>Lift the dryer unit into place so that both units meet, the dryer unit should lock into place in the machine.</p> <p>This is designed as a push fit and will lock the dryer to the machine.</p> <p><b>N.B. Once the unit is locked in place it cannot be removed.</b></p>	
6	<p>Fit one of the top brace plates to either side of the mated faces and fasten into place with the M5x12mm socket button head screws and flange nuts removed in 8.7</p>	

7	<p>Fit one of the side brace plates to either side of the mated faces toward the front of the unit and fasten into place with the M5x12mm socket button head screws and flange nuts removed in 8.7</p>	
8	<p>Repeat step 7 on the rear mated faces.</p>	
9	<p>Ensure the seals line up to the drain holes. Fasten the clamping plates into place over the seals inside the machine using the M5x12mm socket button head screws.</p>	
10	<p>Align the offsets to the holes in the base of the machine and fasten in place with the M5x20 screws</p>	

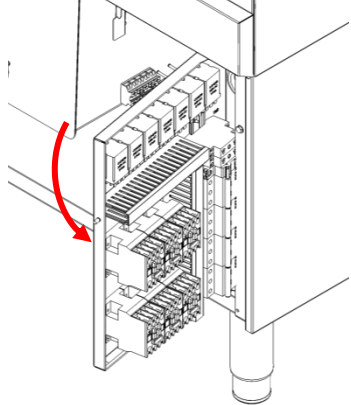
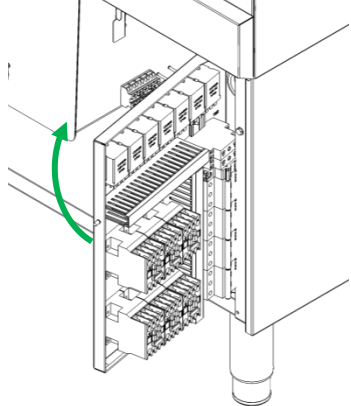
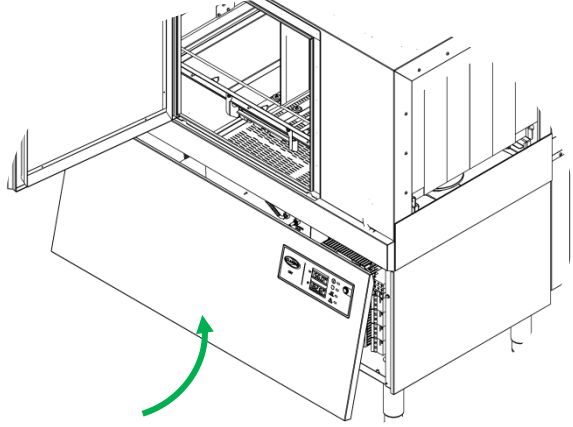
11	Align the dryer cassette and link brackets with the machine cassette and fasten in place with M5x10mm socket counter sunk head screw and M5 prevailing torque nut.	
12	Pull the harness through to the front of the machine using the route shown. Dress it to the machine harness using the cable ties where possible.	

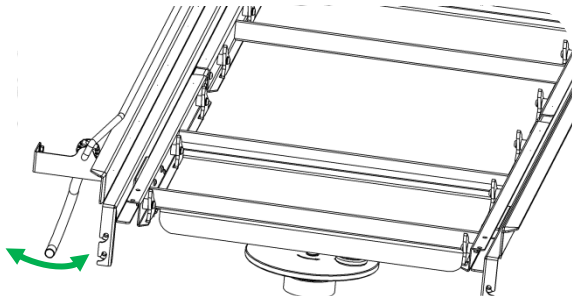
## 11. Wiring the dryer unit

The dryer unit harness should be wired into the dryer unit terminal block as shown.



## 12. Testing the unit

Step	Description	Picture
1	Follow commissioning instructions for the machine as outlined in the installation and operation manual supplied.	
2	Allow machine to fill and heat.	
3	Isolate the machine and open the control panel	
4	Turn on the dryer unit breaker (CB6)	
5	Close the control panel	
6	Refit the bottom front panel to the machine.	
7	Turn on power to the machine	

8	Activate the basket arm and check that the blower unit blows air into the dryer	
9	<p>Insert a basket into the machine and allow this to feed through completely.</p> <p>Check that the air being blown into the dryer is warming.</p>	