

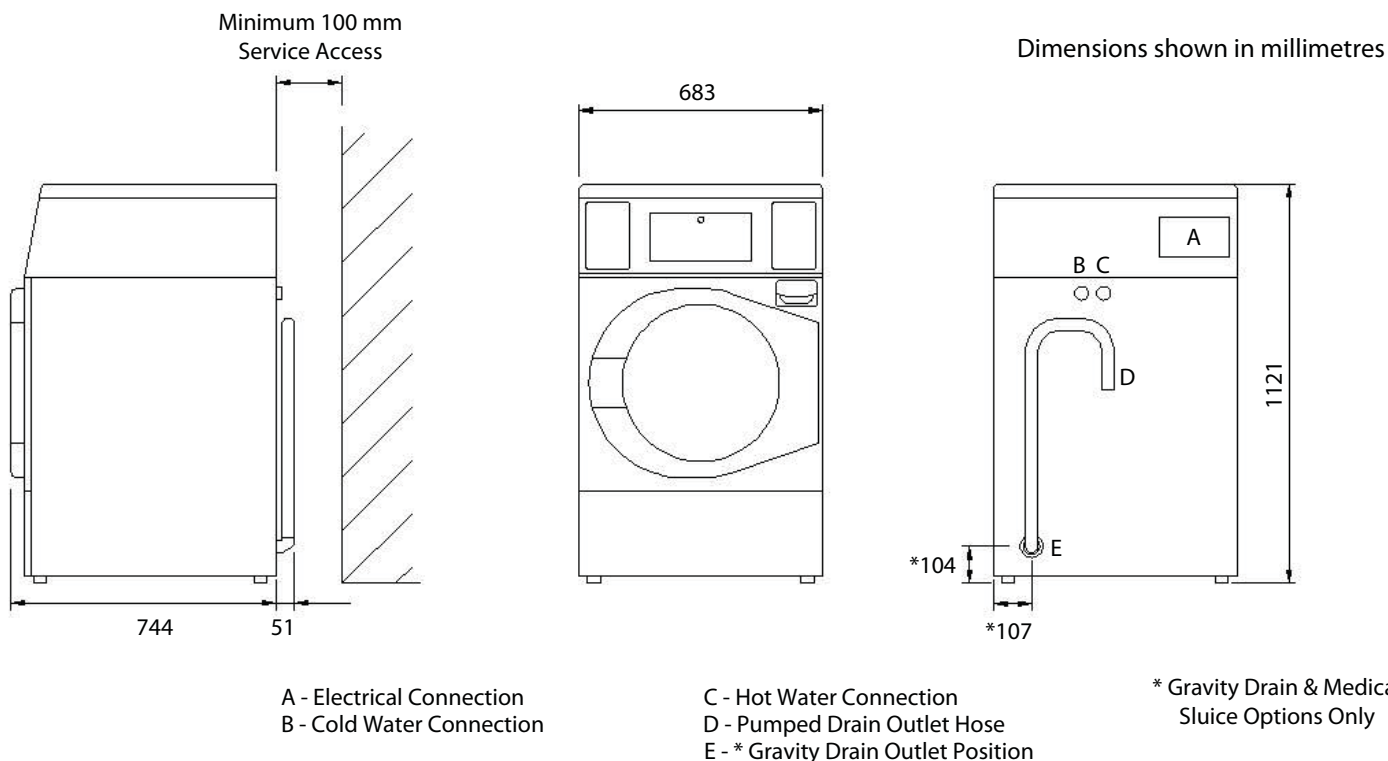
JLA 98 Washer

20lb Capacity



Installation Specification

JLA98 Washer - 02/12/2019 - Issue 1.6



Model		JLA 98 Washer
Dimensions (H x W x D)		1121 x 683 x 744 mm
Weight	Nett	122 kg (268 lb)
Minimum Service Area At Rear		100 mm
Water		
No. of Inlet Valves		1 hot and 1 cold
Recommended Hot Water Temperature		50°C
Water Pressure		Minimum 1.4 bar (20 psi) ; Maximum 8.3 bar (120 psi)
Water Inlet size		3/4" BSP
Flow Rate		10 litres/min per supply
Average Hot Water Consumption		15
Average Total Water Consumption		57
Drain		
Pump Version		35 mm pumped drain outlet (outside dia)
Gravity Drain Valve & Medical Sluice Versions		50 mm gravity drain valve
Electrical		
Single Phase	Standard Boiler Fed	230V/50Hz/1ph - 10A
	Optional Elec Heat - 4.8 kW	230V/50Hz/1ph - 25A
	Optional Elec Heat - 2.4 kW	230V/50Hz/1ph - 13A **
Three Phase	Optional Elec Heat - 4.8 kW	400V/50Hz/3ph - 10A/ph
	Motor Rating	671 W

** Whilst the washer can be downrated to 2.4kW heating, you must be aware that cycle times will significantly increase

Note ! All installations must comply with any Local or national codes of practice or regulations in force at the time.

Foundations & Positioning

The machine should be sited on a firm and level floor, capable of withstanding its loaded weight.

There should be 100mm clearance at the rear of the machine for service access and room for the necessary utilities.

Where required for adequate drainage, raising plinths can be used, and are available in heights of 6", 9", 12" and 18". The machine must be securely bolted to the plinth. The machine feet should be attached to the underside of the plinth - where this is not possible, the plinth should be securely bolted to the floor.

Water Supply

The washer is supplied with two water inlet valves - 1 hot and 1 cold. Separate 15mm hot and cold supplies are required.

If more than one washer is to be installed, then the pipe sizes should be increased accordingly. These supplies should terminate in 3/4" BSP shut off valves with male threaded ends.

If the hot water supply is insufficient in temperature, pressure or flow, the machine can then be connected solely to a cold water supply. This can however increase cycle times and running costs due to additional heating.

A minimum water supply pressure of 20 psi is required for each supply. If this is not available cycle times can increase considerably. To overcome insufficient pressure, a booster pump can be fitted.

PLEASE SEE SPECIFICATION FOR FLOW RATE REQUIRED.

The hot and cold supplies should be equal to within 25psi of each other. In hard water areas it is recommended that the water supply is fitted with a water softener. Failure to do so will result in detrimental effect on some component parts and may effect the standard warranty.

NOTE! ALL INSTALLATIONS MUST COMPLY WITH THE NATIONAL WATER REGULATIONS.

Drainage - Pumped Drain Version

The washer has a 35mm (outside diameter) pumped drain outlet, which must be connected to a 2" diameter standpipe drain. The recommended height of the standpipe is between 610mm and 910mm.

Drainage - Gravity Drain & Medical Sluice Versions

The machine is equipped with a gravity drain outlet, which must be positioned higher than the main drain. The drain outlet must be fitted with a 'trap', removable for cleaning purposes - this is to ensure against odour recirculation.

To meet Health & Safety guidelines, the drain must be sealed inside the building. Where a foul water supply discharges to an outside foul drain or gully, there is no requirement to seal the system, as it must be ventilated and accessible for cleaning.

The underlying trap will prevent foul air from rising from the sewer. External gullies may be so placed for the displacement of surface water or rainwater. The only exception to this rule is where the foul water discharge from the machines is under high pressure, thus rendering the water seal within the gully ineffective.

Electrical Supply

Each washer must be correctly earthed.

Each washer must be provided with an individual point of isolation, which should be in a readily accessible position for use in an emergency.

All cabling (not provided) to the machine must be sufficiently protected against mechanical damage and other external influences. Cabling shall be correctly sized to the current rating of the machine. It should be connected to the machine using a suitable cable entry fixing/gland.

It is recommended that an earth leakage device (eg RCD is adopted). Circuit breakers or fuses can be used to protect the power supply.

If fuses are used then they must be of the motor rated variety.

A responsible and competent operative must carry out all electrical works and ensure that all local and national regulations and codes of practice are adhered to.

** Please note that whilst the machine can be downrated to 2.4kW heating, you must be aware that cycle times will significantly increase.

NOTES

1) Where existing services are to be connected to, the installer must ensure, that these are adequately sized and that they are in good working order. For example, if a washer is to be connected to an existing drain, it must be checked for any blockages during installation

2) For multiple machine installations services must be increased in size accordingly. i.e water pipes, drainage pipes, etc.

All specifications subject to change without notice