



jla.com

Air filtration

Safer air for care homes.

We'll take **care** of it.

JLA

Infection control

JLA has been providing care homes with infection control solutions since 1973. With our state-of-the-art equipment, you can rely on us to prevent cross-contamination, meet disinfection standards, and remediate mould.

Whatever health and safety challenges your care home faces, commercial infection prevention and control equipment from JLA can help reduce the risk of cross-contamination and ensure your business retains full regulatory compliance.

Our expertise and equipment covers air, surface and laundry disinfection solutions, helping you to maintain the highest standards of hygiene and compliance across your premises.



Trusted by **health and social care** bodies like the NHS, JLA infection control solutions are designed to **protect and reassure** residents, patients, staff and visitors.

The JLA air filtration unit

Protect and reassure your residents, staff and visitors with air purifying technology from JLA.

Our discreet but powerful units are designed to reduce airborne infection transmission, using medical-grade H14 HEPA filters to remove viruses, fungi, bacteria and other harmful pollutants from the air.

Ideal for care homes, air filtration systems enhance your infection control strategy and maximise reassurance.



Key features

- ✓

Protect residents, staff and visitors
- ✓

Reduce staff absence and costly agency fees
- ✓

Reduce the spread of viruses, fungi and bacteria
- ✓

Quickly eliminate odours

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Regulation 9A: Visitors' rights in care

From 8th April 2024 a new UK law, set by the CQC, ensures residents in care homes have the right to visitors, even if the home has an infection outbreak.

To follow this law, care homes must let people visit while staying safe. The JLA medical grade air filtration unit helps create a safer environment and allows residents to maintain social connections.

Product specifications

Technical Specifications		
	City M Connect	City L Connect
Height (mm)	720	960
Width (mm)	340	495
Depth (mm)	345	410
Weight (kg)	15.0 kg (including new filters)	25.0 kg (including new filters)
Filter weight (kg)	2.0 kg (2 filters are needed)	4.1 kg (including new filters)

Fan Specifications		
Phase		1-
Nominal voltage	VAC	960
Nominal voltage range	VAC	495
Frequency	Hz	410
Type of data definition*		ml
Speed	min~1	4.1 kg (including new filters)
Power input	W	83 (110 US)
Current draw	A	0.75 (2-1.55 US)
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	+60

*ml=max.load; subject to alterations

Air Flow (with filter H14 with odour, VOC & ozone removal)						
	City M Connect			City L Connect		
Step	Qv [m3/h]	Pe [W]	LpA* [dBA]	Qv [m3/h]	Pe [W]	LpA* [dBA]
1	37	9	16	150	9	26
2	67	10	21	250	16	34
3	94	11	28	350	25	39
4	127	12	35	430	37	43
5	251	24	45	500	47	46
6 Max.	430	60	54	650	83	52

*Tolerance +/- 10% (Measurement performed at 1 m from the source)

Cleaner air for residents, staff and visitors

Preventing airborne infections has become a priority for many settings, including care homes.

Thanks to clean-room-standard HEPA14 filters, which work to quickly remove germs from the air, our filtration units are highly effective against all airborne viruses and bacteria, including coronavirus.

By demonstrating a commitment to your staff's health and wellbeing, you're likely to save money on agency fees, and will likely face fewer resource challenges.

Vivaldi Social Care Pilot study

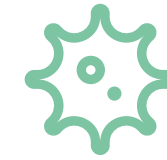
Commissioned by the UK Health Security Agency (UKHSA) the aim of the study is to improve the understanding of infections in care homes and similar environments beyond COVID-19. It will look at tackling the problem of infections and outbreaks to find new, better ways to protect residents that do not negatively impact their quality of life.

AFRI-C study

While we know air filtration systems can remove viruses and other germs from the air, can portable air filters prevent respiratory infections and Covid-19 in care homes? The AFRI-C study, which kicked off in 2021, is the first study of its kind to explore the health and financial benefits of portable air filters in care homes. Results are due in mid-2024.



Talk to our experts: **0800 591 903**



removes

99.9%
of all harmful
particles



uses

50%
less energy*

*than comparable units



3x
more effective

than standard
ventilation units

Verified testing, proven results

In real-world testing, JLA air filtration units have been proven to start cleaning the air immediately, removing the smallest and most harmful particles such as viruses, to larger particles like respiratory droplets and dust

The readings in the below image show a reduction of airborne particles after a unit was used in a care home after just twenty minutes. This demonstrates how particle counts were reduced by up to 99.6%, with even the smallest particle count dropping by 96%.

Harmful particles are significantly reduced almost immediately due to the use of medical-grade H14 HEPA filters, plus the unit's built-in carbon layer helps to remove unwelcome odours and other volatile organic compounds (VOCs).

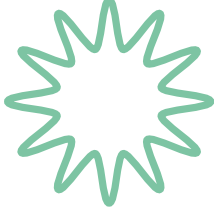
Designed for continuous operation, JLA air filtration units keep working quietly and discreetly in the background to maintain cleaner, safer air and reduce the transmission of infections, keeping your residents, staff and visitors protected



*Before count was carried out as a back-ground check within the room, after count is based on the discharge of the machine.

The relative size of particles

From bottom to top, you can see the measurement of larger particles, like dust and pollen, down to those under one micron in size, such as illness-causing viruses.

Real life testing results			
		Before	After
Viruses: 0.2 - 0.3µm ²⁵		524504	19996
Respiratory aerosols & droplet nuclei: 0.4 - 5µm ^{82.23.24} Aerosols and droplet nuclei can carry viruses and bacterial pathogens.		172679	4785
Bacteria: 1 - 3µm ²⁵		54993	1295
Fine particles: (PM2.5) <2.5µm		7849	71
Respiratory droplets: >5µm ²⁵		3279	18
Dust particles: (PM10) <10µm		1355	6



Technology that protects vulnerable residents

Research studies prove that HEPA14 filters greatly reduce levels of airborne microorganisms, and that filter-based purifiers will reduce the infection transmission rates.

JLA units use performance filters classified as high efficiency particulate air filters (HEPA) under BS EN 1822-1 or ISO 29463-1, suitable for high-care environments with vulnerable patients. All JLA products contain HEPA14 filters, plus a carbon filter to capture odours. Our HEPA filter is also EN1822:2019 certified for optimal performance, while the molecular filter is tested to ISO 10121.

Meet your obligations

For total peace of mind, JLA air purifiers meet all relevant standards for HEPA filter devices used to clean air in healthcare environments, along with Health Technical Memorandum 03-01 (HTM-03-01), which covers the ventilation of higher-risk clinical spaces. Our purifiers also help in situations where poor weather, noise, air pollution or restricted window openings affect our customers' ability to open their windows.

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Why choose JLA

Over five decades, hundreds of UK care providers have trusted JLA to take care of the equipment they depend on. When you partner with us, you tap straight into that experience – and a team that's here to support you, 24/7.

To help improve air quality in your care home, and support your ongoing compliance, we apply 25 years of industry experience in air filtration, decontamination and microbiological safety cabinets.

Beyond design and install, our experts can also manage annual servicing and testing. This includes particulate, temperature and humidity monitoring, so you can maintain air quality data and demonstrate that you're going above and beyond when it comes to infection control and prevention.

And we'll keep innovating, too. We continually invest in research and development, seeking new technologies and solutions to meet our customers' ever-changing needs.

So how can we take **care** of it for you?

“

We've noticed how the air feels and smells cleaner, and have seen a reduction in influenza, colds & Covid-19 cases following the installation.

Julie Beverley, Registered Manager
Curo Care Group Valley View Ltd

jla.com

Solutions tailored to your business

New equipment. No hidden charges.



This is JLA Total Care

With Total Care, our unique, all-inclusive package, you enjoy complete peace of mind.

In one monthly payment, we'll provide brand new equipment, manage call-out costs and take care of maintenance, with no hidden surprises. And if things go wrong, one of our 450 local engineers will be on your doorstep within 8 working hours.

- ✓ Market-leading equipment for no capital outlay
- ✓ Fully inclusive breakdown cover with no wear and tear clause
- ✓ Access to myJLA - Your 24/7 support portal with all essential documents in one place
- ✓ 7-day call-out service including bank holidays
- ✓ No repair bills or call-out charges, ever!
- ✓ Industry-leading engineer response times, wherever you are

“Total Care provides us with **total peace of mind** – I know that if something goes wrong, JLA will sort it for us, and quickly.

David Macdonald, JLA Total Care Customer

Accreditations

JLA is accredited by more than 20 bodies, including:



Take control with **myJLA**

24/7 online account access

Manage your JLA account from anywhere, anytime, with key information and support right at your fingertips.

Simplified accounts and billing

With instant access to invoices and online payments, you'll never have to search your emails to stay on top of your account.

Instant support when it matters

Get engineer support fast, plus easy access to our friendly support team with no need to call or wait around on critical issues.

View all sites and equipment in **one place**

Access essential documents, including contracts, job sheets, invoices, compliance and safety records, for every site and appliance.

Order your **JLA detergents direct**

Never run out of our specially formulated detergents again with easy online purchasing and flexible subscriptions.

myJLA

Home > Equipment > JLA 98 washing machine

JLA 98 Washing Machine
Serial number: 04r5HG663X1

Site: Green Acres Care Home
Installation date: 01/06/2021
Live call outs: 1

Book an engineer

JLA connect

Online

Checked 145 times
In the last 48 hours

JLA Insights

JLA Connect allows our experts to remotely monitor and care for your compatible equipment - spotting issues before you even know about them, and sorting them quickly. And with real-time energy usage and CO₂ emissions estimates, JLA Connect can also help you improve efficiency while reducing your costs.

JLA Insights works with JLA Connect and myJLA, so you can see which laundry machines are used most, allocate resources for busier periods, ensure correct wash cycles are used to maintain compliance and run more cycles during off-peak times to reduce your carbon footprint, all without you having to be on site.

Wash Cycle	Number of Cycles
Total	90 Cycles
Hot + prewash 60°C	47
Fast hot 60°C	21
Warm-prewash	20
Thermal Disinfection	10
Extra hot 90°C	2

National coverage. Local support.

With 450 engineers based all over the UK and Ireland, we're on hand to keep you up and running.

Local engineers, nationwide

With the industry's largest distribution of engineers, we're always just around the corner.

A team you can trust

JLA engineers are trained, trusted and managed by us. The JLA logo on our workwear isn't just a promise of quality, but accountability. It says, from installation to maintenance, we'll take care of it.

Smart diagnostics with thousands of parts in stock

We know there's no time for downtime. Thanks to 350,000 parts held in stock and a powerful diagnostic system that finds faults quickly, we fix most problems on our first visit.

Hub locations

- Bellshill
- Bristol
- Congleton
- Frimley
- Galway
- Nottingham
- Preston
- Ripponden
- Salford
- Sheffield
- Southampton
- Stafford
- Sunderland

Talk to our experts.

We'll take care of it.

22,000 organisations trust JLA to supply and look after their laundry, catering, heating, and fire safety equipment.

Contact us today, and see how we can take care of it for you.

0800 591 903
sales@jla.com

JLA