

CLEAN WAYU



CW-408Z

AIR PURIFIER MEDICAL GRADE

Eliminates **85%** of PM 2.5, PM 10 in less than 30 minutes*

CLEAN WAYU

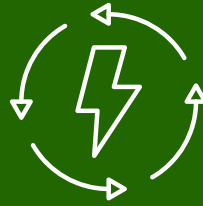
CW-408Z



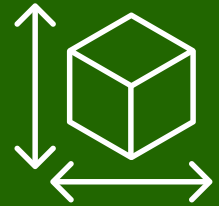
HEPA MARV 12-13
250 x 250 x 50 mm



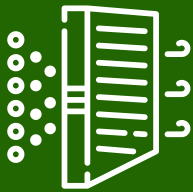
CMH
352 m³ /h



Energy
~0.02 units/h



Dimensions
305 x 210 x 450mm



Activated Carbon Filter
250 x 250 x 10 mm



WEIGHTS

6 kg



WOODEN BODY
ECO-Friendly



Coverage Area
up-to 550 Sq Ft



UV-C Technology
safe range of 253.7 nm



CW-408Z

PROTECTING PATIENTS AND STAFF: THE UNSEEN THREAT OF AIRBORNE PATHOGENS

In clinics and hospital rooms, airborne contaminants pose a significant risk to patient recovery, staff health, and overall infection control. From common allergens and dust to bacteria, viruses, and VOCs, compromised air quality can undermine even the most rigorous hygiene protocols. The Clean Wayu CW-408-Z (Medical Grade) provides an indispensable layer of protection, ensuring a sterile and therapeutic atmosphere.

Key Benefits:

- **Infection Control:** Actively destroys airborne bacteria, viruses, and pathogens while capturing fine particles, significantly reducing the risk of cross-contamination between patients and staff.
- **Rapid Purification:** Quickly and efficiently cycles the air volume in areas up to 310 Sq. Feet, handling the higher contaminant load of fluctuating public traffic while minimizing filter maintenance costs.
- **Chemical & Odor Removal:** Neutralizes lingering VOCs (Volatile Organic Compounds) from new paint, carpets, adhesives, and cleaning products, ensuring a fresh, clean-smelling, and non-irritating workspace.
- **Discreet Operation & Comfort:** Maintains a near-silent environment for focused work, confidential conversations, or patient rest, without the distraction of loud fans, all within an elegant, professional design.
- **The Power of UV-C: Active Pathogen Destruction :**An indispensable layer of defense in medical settings. Our integrated UV-C light actively neutralizes airborne bacteria, viruses, and other microorganisms by disrupting their DNA/RNA, providing active, continuous sterilization and significantly reducing infection risk.

COMPREHENSIVE 4-STAGE MEDICAL-GRADE PURIFICATION & STERILIZATION

ADVANCED FILTRATION FOR A SUPERIOR & HEALTHY ENVIRONMENT

Thoughtful Design for Healthcare Spaces.

- Pure Air, Inside and Out | Non-Toxic Wooden Body: Designed with patient and staff health in mind, our elegant, non-toxic casing ensures no harmful chemicals off-gas into the sensitive healthcare environment, complementing modern clinical aesthetics.

Multi-Stage Filtration Against Airborne Threats.

- Reusable Pre-Filter: Captures larger airborne particles like dust and lint, protecting and extending the lifespan of the more delicate HEPA and carbon filters, crucial for maintaining consistent performance in high-traffic areas.
- True HEPA Filter: Our certified Medical Grade HEPA filter captures an industry-leading 99.5% of airborne particles as small as 0.3 microns, including bacteria, fungal spores, pollen, and fine particulate matter, forming a robust barrier against pathogens.
- Activated Carbon Filter: Essential for healthcare, this filter effectively removes chemical odors from disinfectants, medications, lab reagents, and volatile organic compounds (VOCs), ensuring a fresh and more comfortable environment for patients and staff.
- The Power of UV-C: Active Pathogen Destruction: An indispensable layer of defense in medical settings. Our integrated UV-C light actively neutralizes airborne bacteria, viruses, and other microorganisms by disrupting their DNA/RNA, providing active, continuous sterilization and significantly reducing infection risk.

Optimized Performance for Critical Environments.

- 352 CMH / 237 CMH CADR (Clean Air Delivery Rate): Ensures rapid and thorough air purification and sterilization in patient rooms, examination rooms, waiting areas, or small treatment rooms.
- Noise Range 45-60 dB & Backward Curved Fan: Engineered for powerful yet discreet operation, maintaining a quiet, healing, and professional environment, crucial for patient rest and focused medical work.

NABL ACCREDITATION | CW-408 | HEPA FILTER

National Accreditation Board for Testing and Calibration Laboratories, Department of Science and Technology, Government of India.



Parashar Micro Measurement Pvt. Ltd.
B-59, SECTOR-64, NODA (U.P.) 201 307
PH: 0120-4352360-65, Email: pmmppl.in@gmail.com
Website: www.pmmppl.in, www.parashar.info

Calibration Certificate

Certificate Number: PMM/231124/11-2
Date of Request: 23.11.2024
Calibrated on: 23.11.2024
Suggested Due Date: 22.11.2025
Cert. Issue Date: 27.11.2024

Calibrated For: M/s. Antix Academy Of Data Sciences.
(Froyo Technologies)
102, 1st Floor Bhagmal Complex Naya Bana,
Sector - 15, Noda, U.P. - 201301

Description of Equipments:
Hepa Filter (Portable)
Accuracy Class: Not Mentioned
Condition of UUC: Physically OK
Serial No.: 408
Primary ID Mark No.: CN - 408
Location: ---

Master Equipment / Standard Used:
Sr. No. Nomenclature Make & Model ID Mark Calibrated From Certificate No. Due Date of Calibration
1 Airborne Particle Counter SPM Lab Solution SPM/2024/093 26.05.2025
2 Aerosoliser PMMS/AM02 Adcon Gurgleon ATCL24-254.0020 17.02.2025

Standard used for calibration was traceable to Accredited Lab. for Standard (ISO/IEC: 17025-2017 or National Standards) through unbroken chain of calibration.

Calibration Performed at: Site
Reference Standard / Guideline: PMM/TCP/01
Environmental Condition(s): Temperature = 23 ± 0.5 °C
Humidity = 30 to 75 % RH

ACCEPTANCE CRITERIA:
ISO Cleanroom Classes: Particle Counter per m³ as per ISO: 14644-1
ISO CLASS 2: ≥ 0.3 µm 102 35 ≥ 5.0 µm ≥ 5.0 µm
ISO CLASS 3: 102 35 8
ISO CLASS 4: 1020 352 83
ISO CLASS 5: 10200 3520 29
ISO CLASS 6: 102000 35200 293
ISO CLASS 7: 1020000 352000 2900
ISO CLASS 8: 10200000 3520000 29000

Calibrated By: Suraj Maurya
Designation: Calibration Engineer
Approved By: Jai Prakash
Designation: Tech Manager / Auth. Sign.

Conditions: 1. This certificate refers only to the particular item submitted for calibration.
2. The calibration results reported in this certificate are valid at the time of and under the stated conditions of measurement.
3. This particular certificate can not be reproduced except in full, without prior permission of Chief Executive Officer of the Lab.

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PH: 0120-4352360-65, Email: pmmppl.in@gmail.com
Website: www.pmmppl.in, www.parashar.info

Calibration Certificate

Certificate Number: PMM/231124/11-2
Page 2 of 2

Dust Particle Count & Hepa Filter Integrity (Status Report)
S. No. Outlet Particle Count at m³ (Corner A) TIME: 17:35:42 PERIOD: 60 Sec VOLUME: 1 m³ CLIMU 5246 5597 1634 238 0 0 0 0
SIZE: 0.3 µm 0.5 µm 1.0 µm 3.0 µm 5.0 µm 10.0 µm
Outlet Particle Count at m³ (Corner B) TIME: 17:45:43 PERIOD: 60 Sec VOLUME: 1 m³ CLIMU 5246 5597 1634 238 0 0 0 0
SIZE: 0.3 µm 0.5 µm 1.0 µm 3.0 µm 5.0 µm 10.0 µm
Outlet Particle Count at m³ (Corner C) TIME: 17:55:44 PERIOD: 60 Sec VOLUME: 1 m³ CLIMU 5246 5597 1634 238 0 0 0 0
SIZE: 0.3 µm 0.5 µm 1.0 µm 3.0 µm 5.0 µm 10.0 µm

Dust Particle Count & Hepa Filter Integrity (Status Report)
S. No. Outlet Particle Count at m³ (Corner D) TIME: 18:05:45 PERIOD: 60 Sec VOLUME: 1 m³ CLIMU 5423 5937 1482 212 0 0 0 0
SIZE: 0.3 µm 0.5 µm 1.0 µm 3.0 µm 5.0 µm 10.0 µm
Outlet Particle Count at m³ (Corner E) TIME: 18:20:46 PERIOD: 60 Sec VOLUME: 1 m³ CLIMU 5423 5937 1482 212 0 0 0 0
SIZE: 0.3 µm 0.5 µm 1.0 µm 3.0 µm 5.0 µm 10.0 µm

Note: Results within ISO CLASS 5 as per ISO 14644-1 STANDARD

RESULTS OF AIR FLOW
S.N. Air Flow in FPM Mean
1 104
2 109
3 114
4 111
5 109

UUC Unit Under Calibration
Std. - Standard Instrument
Uncertainty of Measurement (at approx 95% Confidence Level with Coverage Factor k = 2) = ± 2% of FSD

Calibrated By: Suraj Maurya
Designation: Calibration Engineer
Approved By: Jai Prakash
Designation: Tech Manager / Auth. Sign.

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ISO 14644-1:2015 specifies the classification of air cleanliness in terms of concentration of airborne particles in cleanrooms and clean zones; and separative devices as defined in ISO 14644-7.

NABL ACCREDITATION | CW-800 | UV-C SAFETY

National Accreditation Board for Testing and Calibration Laboratories, Department of Science and Technology, Government of India.



Parashar Micro Measurement Pvt. Ltd.
B-59, SECTOR-64, NOIDA (U.P.) 201 307
PH.: 0120-4252360-65, Email : pmmp.inde@gmail.com
Website : www.pmmpln, www.parashar.in

Calibration Certificate

Certificate Number : PMM/231124/11-3

Date of Request
Calibrated on : 23.11.2024
Suggested Due Date : 23.11.2025
Cert. Issue Date : 27.11.2024

Calibrated For
M/s. Antrix Academy Of Data Sciences.
(Froyo Technologies)
102, 1st Floor Bhagmal Complex Naya Bans,
Sector - 15, Noida, U.P. - 201301

Description of Equipments
Accuracy/Class : Not Mentioned
Condition of UUC : Physically Ok
Serial No. :
Party ID Mark No. : CW - 800
Location :
Master Equipment / Standard Used

Nomenclature
Range : Hepa Filter (Portable)
Resolution / Least Count : Refer to Result
Make & Model No. :
Material / Type :
Sr.No. : 1
Nomenculture : UV Light
Make & Model : Lutron
ID Mark : PMMUVM02
Calibrated From : PMMPL, Noida
Certificate No. : PMM/030224/32-1
Due Date of Calibration : 02.02.2025

Calibration Procedure No.
Reference Standard / Guideline : ISO 14644-1

Calibration Performed at
Site : PMMT/CP/01
Environmental Condition(s) : Temperature = 23 ± 5° C
Humidity = 30 to 75 % RH

RESULTS OF UV LIGHT

S.N.	UV Light in µW/cm²	Mean
1	2	
2	3	
3	2	
4	3	
5	2	2.40

UUC - Unit Under Calibration
Std. - Standard Instrument
Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) = ± 2% of FSD

Calibrated By : Suraj Maurya
Designation : Calibration Engineer

Approved By : Jai Prakash
Designation : Tech Manager / Auth. Sign.

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