Cleanair[®] Vertical Laminar Airflow Bench (CAV 600)

A Cleanroom work-station or a LAMINAR AIRFLOW is capable maintaining an atmosphere essentially free from air borne particulate maters. These self-contained work stations are used to perform various types operations which demands absolute clean environment & prevention of intrusion of particles from outside and from the uncontrolled atmosphere. High level CLEANLINESS is achieved immediately with the help of using right HEPA filter design.

| Product code | CAV 0600 | Product Code :CAV 0600 |
|-------------------------|--|--|
| Air flow | Vertical – Downflow, Unidirectional | |
| Air Cleanliness | CLASS 100 as per US FED STD 209 E or | |
| | CLASS 5 as per ISO 14644-1 | • |
| Inner working size | W 600 x D 600 x H 600 mm | 4 |
| | (2 x 2 x 2 Feet) | (Chemele). |
| Over all dimension | W 680 x D 800 x H 2000 mm, including | |
| | removable support stand | |
| Top Cabinet Size | W 680 x D 800 x H 1250 MM | |
| Support stand | W 680 x D 800 x H 750mm, made of | |
| | 40x40x1.6mm MS square pipes | |
| Particle Retention | 0.3 Micron & Above | |
| Noise Level | 60 decibel on "A" scale ± 5 | |
| Velocity | 90 Feet / Minute ± 20 | |
| Work table | Made of IS304 Grade SS, satin finish | |
| | polish | Airflow Pattern |
| Front door | 4 mm thick clear polycarbonate - | |
| | Sliding Type | |
| Side Panels | 4 mm thick polycarbonate | |
| U V lamp | 1 ½ Feet, 15 Watts, | D - BLOWER |
| | Make – PHILIPS: 2 Nos | C - SUPPLY HEPA |
| Illumination | 2 Feet, 10 Watts, LED TUBES:1 Nos | FILTER R story |
| Pressure (ΔP) | Inclined Manometer 0 –25 mm range | B SASH |
| | | A - FRONT OPENING |
| Power Supply | 230V, Single phase, 50 Hz | |
| HEPA Filter | H 14 grade, Mini-pleat HEPA filter in | HEPA FILTERED AIR |
| | separator less construction in anodized | CONTAMINATED AIR |
| | aluminum extruded frame with protective | le de la constante de la const |
| | mesh on both side and tubular rubber | |
| | gasket on downstream side. Initial | Vertical Laminar Flow |
| | pressure drop 12 mm, final pressure drop | |
| | 30mm. Particle retention 0.3 micron, | |
| | efficiency 99.97% at rated velocity. | |
| | Size: 610x610x65 mm | |

| PRE Filter | Synthetic, non-woven polyester fibers | Schematic Drawing |
|-----------------------------|--|--|
| | with protective mesh and deep-comb | + |
| | formed into PU coated GI/SS 304 casing. | 680 mm 550 mm |
| | IPD 6mm, Particle Retention: 10 Micron. | |
| | Efficiency: 95 %. | |
| | Size: 500x300x30 mm | |
| Material of | Main cabinet made of galvanized iron | |
| construction | sheet with PU paint coated finish. | 3-0 |
| | (Also available in IS304 grade SS | |
| | construction / Ply lam) | |
| Blower Assembly | Outer rotor type blower, driven by | |
| | 220V, singe phase1440 RPM Motor | |
| Standard | 5/15A power point, power chord with | |
| accessories | 5 amps plug top, floor leveling screws, | |
| | castors & gas inlet | b b |
| Standards | US FED STD 209 E, ISO 14644-1, IEST- | |
| compliance | RP-CC-002-2 | |
| Weight before | | |
| packing | | LEGENDS |
| Weight after | Approximate 300 KG if packed in full | 1 PRE FILTER |
| packing | wooden crate box | 2 SUPPLY MOTOR BLOWER ASSEMBLY 3 SUPPLY HEPA FILTER |
| <i>Optional if required</i> | 1. Differential Pressure gauge | 4 ADDITIONAL POWER POINT |
| optional in required | 2. LCD Display with feather touch | 5 UV LIGTHT 6 DAY LIGHT |
| | switch control displaying following | 7 ON/OFF CONTROLLER |
| | contents ON/OFF, Blower, LED, | 8 P C SHEET DOOR 9 CASTOR WHEEL |
| | UV Plug, Settings, Alarm off | |
| | | |
| | 3. UV Hour meter | |
| | | MAKE IN INDIA |
| | | |
| | | |
| | S is an ISO 9001-2015 certified compan P/253/2011 UAN: TN02B0098373 CE CER | |
| | il Nagar, 100 Feet Road, Arumbakkam, Cher | |
| | 9841074504 Whatsapp: +919551119111 We | |
| | | |
| ISO 9001 : 2008 | | |

Cleanair[®] Vertical Laminar Airflow Bench (CAV 900)

A Cleanroom work-station or a LAMINAR AIRFLOW is capable maintaining an atmosphere essentially free from air borne particulate maters. These self-contained work stations are used to perform various types operations which demands absolute clean environment & prevention of intrusion of particles from outside and from the uncontrolled atmosphere. High level CLEANLINESS is achieved immediately with the help of using right HEPA filter design.

| Product code | CAV 0900 | Product Code: CAV 0900 |
|-------------------------|--|------------------------|
| Air flow | Vertical – Downflow, Unidirectional | |
| Air Cleanliness | CLASS 100 as per US FED STD 209 E or | |
| | CLASS 5 as per ISO 14644-1 | |
| Inner working size | W 900 x D 600 x H 600mm | ٩ |
| | (3 x 2 x 2 Feet) | (Connected as a set |
| Over all dimension | W 980 x D 750 x H 2000mm, including | |
| (Approx.) | removable support stand | |
| Top Cabinet Size | W 980 x D 750 x H 1300mm | |
| Support stand | W 980 x D 750 x H 750mm, made of | |
| | Powder coated MS square pipes | |
| Particle Retention | 0.3 Micron & Above | |
| Noise Level | 60 decibel on "A" scale ± 5 | |
| Velocity | 90 Feet / Minute ± 20 | |
| Work table | Made of IS304 Grade SS, satin finish | |
| | polish | Airflow Pattern |
| Front door | 4 mm thick clear polycarbonate - | |
| | Manual Sliding Type | |
| U V lamp | 1 1/2 Feet, 15 Watts, | |
| | Make – PHILIPS | D - BLOWER |
| Illumination | 2 Feet, 10 Watts, LED TUBES:1 Nos | C - SUPPLY HEPA |
| Pressure (ΔP) | 0-25mm range differential pressure | FILTER R curr |
| | sensor with digital display | |
| Power Supply | 230V, Single phase, 50 Hz | A - FRONT OPENING |
| | | |
| HEPA Filter | H 14 grade, Mini-pleat HEPA filter in | ROOM AIR |
| | separator less construction in anodized | CONTAMINATED AIR |
| | aluminum extruded frame with protective | |
| | mesh on both side and tubular rubber | u u |
| | gasket on downstream side. Initial | Vertical Laminar Flow |
| | pressure drop 12 mm, final pressure drop | |
| | 30mm. Particle retention 0.3 micron, | |
| | efficiency 99.997% at rated velocity. | |

| PRE Filter | Synthetic, non-woven polyester fibers | Schematic Drawing |
|---------------------------------|--|--|
| | with protective mesh and deep-comb formed into PU coated GI/SS 304 casing. IPD 6mm, Particle Retention: 5 Micron. Efficiency: 95 %. | |
| <i>Material of construction</i> | Main cabinet made of galvanized iron sheet with PU paint coated finish. (Also available in IS304 grade SS construction) | |
| Blower Assembly | <i>Outer rotor type blower, driven by</i> <i>230V, singe phase1440 RPM Motor</i> | |
| Standard accessories | 5/15A power point, power chord with 5 amps plug top, floor leveling screws, castors & gas inlet | |
| <i>Standards</i> compliance | US FED STD 209 E, ISO 14644-1, IEST- RP-CC-002-2, EN 12469:2000 & EN 61010-1:2010 | |
| Weight before packing | Approximate 130 KG | LEGENDS I PRE FILTER 2 SUPPLY MOTOR BLOWER ASSEMBLY |
| Weight after packing | Approximate 170 KG | 3 SUPPLY HEPA FILTER 4 ADDITIONAL POWER POINT 5 UV LIGTHT |
| <i>Optional if required</i> | 4. Motorized Front Door | 6 DAY LIGHT 7 ON/OFF CONTROLLER 8 P C SHEET DOOR 9 CASTOR WHEEL |
| | | MAKE IN INDIA |
| | S is an ISO 9001-2015 certified compan | |
| | P/253/2011 UAN: TN02B0098373 CE CER | |
| | iil Nagar, 100 Feet Road, Arumbakkam, Cher 9841074504 Whatsapp: +919551119111 We | |
| 150 9001 : 2008 | Reconstantinumental CCC | |

Cleanair[®] Vertical Laminar Airflow Bench (CAV 1200)

A Cleanroom work-station or a LAMINAR AIRFLOW is capable maintaining an atmosphere essentially free from air borne particulate maters. These self-contained work stations are used to perform various types operations which demands absolute clean environment & prevention of intrusion of particles from outside and from the uncontrolled atmosphere. High level CLEANLINESS is achieved immediately with the help of using right HEPA filter design.

| Product code | CAV 1200 | Product Code : CAV 1200 |
|--------------------|--|--|
| Air flow | Vertical – Downflow, Unidirectional | |
| Air Cleanliness | CLASS 100 as per US FED STD 209 E or | |
| | CLASS 5 as per ISO 14644-1 | |
| Inner working size | W 1200 x D 600 x H 600mm | Comments of the second s |
| | (4 x 2 x 2 Feet) | |
| Over all dimension | W 1280 x D 750 x H 2000mm, including | |
| | removable support stand | Annual Research Contraction |
| Top Cabinet Size | W 1280 x D 750 x H 1200mm | |
| Support stand | W 1280 x D 800 x H 750mm, made of | |
| | MS/SS square pipes | |
| Particle Retention | 0.3 Micron & Above | |
| Noise Level | 60 decibel on "A" scale ± 5 | |
| Velocity | 90 Feet / Minute ± 20 | Airflow Pattern |
| Work table | Made of IS304 Grade SS, satin finish | Annow Fattern |
| | polish | |
| Front door | 5 mm thick clear polycarbonate – | |
| | Manual Sliding Type | |
| Side Panels | By IS 304 Grade Stainless Steel | |
| | surface | D - BLOWER |
| U V lamp | 3 Feet, 30 Watts, Make – PHILIPS: 1 No | |
| Illumination | 2 Feet, 10 Watts LED tubes | FILTER |
| Pressure (ΔP) | 0-25mm range differential pressure | B SASH |
| | sensor with digital display | - A - FRONT OPENING |
| Power Supply | 230V, Single phase, 50 Hz | |
| HEPA Filter | H 14 grade, Mini-pleat HEPA filter in | ROOM AIR HEPA FILTERED AIR |
| | separator less construction in anodized | CONTAMINATED AIR |
| | aluminum extruded frame with protective | |
| | mesh on both side and tubular rubber | , and the second s |
| | gasket on downstream side. Initial | Vertical Laminar Flow |
| | pressure drop 12 mm, final pressure drop | |
| | 30mm. Particle retention 0.3 micron, | |
| | efficiency 99.997% at rated velocity. | |
| | Size: 1220x610x75 mm | |

| PRE Filter | Synthetic, non-woven polyester fibers with protective mesh and deep-comb formed into PU coated GI/SS 304 casing. IPD 6mm, Particle Retention: 5 Micron. Efficiency: 95 % | Schematic Drawing |
|---------------------------------------|--|---|
| Material of construction | Main cabinet made of galvanized iron sheet with PU paint coated finish. (Also available in IS304 grade SS construction) | |
| Blower Assembly | <i>Outer rotor type blower, driven by</i> 230V, singe phase1440 RPM Motor | 3000 L |
| Standard accessories | <i>5/15A power point, power chord with</i> <i>5 amps plug top, floor leveling screws,</i> <i>castors & gas inlet</i> | |
| <i>Standards</i> <i>compliance</i> | US FED STD 209 E, ISO 14644-1, IEST- RP-CC-002-2, , EN 12469:2000 & EN 61010-1:2010 | LEGENDS 1 PRE FILTER |
| Weight before packing | Approximate 200 KG | |
| Weight after packing | Approximate 240 KG if packed | 2 SUPPLY MOTOR BLOWER ASSEMBLY 3 SUPPLY HEPA FILTER 4 ADDITIONAL POWER POINT |
| Optional if required | 5. Motorized Front Door | 5 UV LIGTHT 6 DAY LIGHT 7 ON/OFF CONTROLLER 8 P C SHEET DOOR 9 CASTOR WHEEL 9 CASTOR WHEEL |
| CLEAN AID SYSTEM | S is an ISO 9001-2015 certified compan | v & our products are CE certified |
| | P/253/2011 UAN: TN02B0098373 CE CER | |
| Contact: No 4, Senth | il Nagar, 100 Feet Road, Arumbakkam, Cher | nnai – 600 106 Ph: 044-2362 1476 |
| Mob: +91 9 | 0841074504 Whatsapp: +919551119111 We Image: Hard Weight and State Image: Hard Weight and State | |

Cleanair[®] Vertical Laminar Airflow Bench (CAV 1800)

A Cleanroom work-station or a LAMINAR AIRFLOW is capable maintaining an atmosphere essentially free from air borne particulate maters. These self-contained work stations are used to perform various types operations which demands absolute clean environment & prevention of intrusion of particles from outside and from the uncontrolled atmosphere. High level CLEANLINESS is achieved immediately with the help of using right HEPA filter design.

| Product code | CAV 1800 | Product Code : CAV 1800 |
|--------------------|--|--|
| Air flow | Vertical – Downflow, Unidirectional | |
| Air Cleanliness | CLASS 100 as per US FED STD 209 E or | |
| | CLASS 5 as per ISO 14644-1 | |
| Inner working size | W 1800 x D 600 x H 600 mm | Comment of the local data and th |
| | (6 x 2 x 2 Feet) | |
| Over all dimension | W 1880 x D 700 x H 2000 mm, including | |
| | removable type support stand | |
| Top Cabinet Size | W 1880 x D 700 x H 1250 MM Approx | |
| Support stand | W 1880 x D 700 x H 750 mm, made of | |
| | 40x40.12mm MS(or) SS square pipes | |
| Particle Retention | 0.3 Micron & Above | |
| Noise Level | 60 decibel on "A" scale ± 5 | |
| Velocity | 90 Feet / Minute ± 20 | Airflow Pattern |
| Work table | Made of IS304 Grade SS, satin finish | Annow Pattern |
| | polish | |
| Front door | 5 mm thick clear polycarbonate – | EN . |
| | Sliding Type | |
| Side Panels | By IS 304 Grade Stainless Steel | D - BLOWER |
| | surface | |
| U V lamp | 3 Feet, 30 Watts, Make – PHILIPS: 1 Nos | C - SUPPLY HEPA FILTER |
| Illumination | 2 Feet, 20 Watts LED tubes : 1 Nos | B SASH |
| Pressure (ΔP) | 0-25mm range differential pressure | |
| | sensor with digital display | |
| Power Supply | 230V, Single phase, 50 Hz | ROOM AIR |
| HEPA Filter | H 14 grade, Mini-pleat HEPA filter in | |
| | separator less construction in anodized | |
| | aluminum extruded frame with protective | <u>v</u> |
| | mesh on both side and tubular rubber | Vertical Laminar Flow |
| | gasket on downstream side. Initial | |
| | pressure drop 12 mm, final pressure drop | |
| | 30mm. Particle retention 0.3 micron, | |
| | efficiency 99.99% at rated velocity. | |
| | Size: 915x610x75 mm(approx.) 2 Nos | |

| PRE Filter | Synthetic, non-woven polyester fibers | Schematic Drawing |
|----------------------|--|--|
| | with protective mesh and deep-comb | |
| | formed into PU coated GI/SS 304 casing. | |
| | IPD 6mm, Particle Retention: 5 Micron. | 1 20 mm |
| | Efficiency: 95 %. | 1980.000 |
| | | |
| Material of | Main cabinet made of galvanized iron | |
| construction | sheet with PU paint coated finish. | |
| | (Also available in IS304 grade SS | |
| | construction) | |
| Blower Assembly | Outer rotor type blower, driven by | |
| | 220V, singe phase1440 RPM Motor | |
| Standard | 5/15A power point, power chord with | |
| accessories | 5 amps plug top, floor leveling screws, | |
| | castors & gas inlet | |
| Standards | US FED STD 209 E, ISO 14644-1, IEST- | |
| compliance | RP-CC-002-2, EN12469:2000 | |
| Weight before | Approximate 250 KG | |
| packing | | LEGENDS |
| Weight after | Approximate 400 KG if packed in full | 1 PRE FILTER 2 SUPPLY MOTOR BLOWER ASSEMBLY |
| packing | wooden crate box/ carton box | 3 SUPPLY HEPA FILTER |
| Optional if required | 6. Motorized Door | 4 ADDITIONAL POWER POINT 5 UV LIGTHT |
| | | 6 DAY LIGHT 7 ON/OFF CONTROLLER |
| | | 8 P C SHEET DOOR |
| | | 9 CASTOR WHEEL |
| | | |
| | | |
| | | |
| | | MAKE IN INDIA |
| | | |
| CLEAN AIR SYSTEM | S is an ISO 9001-2015 certified compan | y & our products are CE certified |
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| Mob: +91 9 | 9841074504 Whatsapp: +919551119111 We | ebsite: www.cleanairindia.com |
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