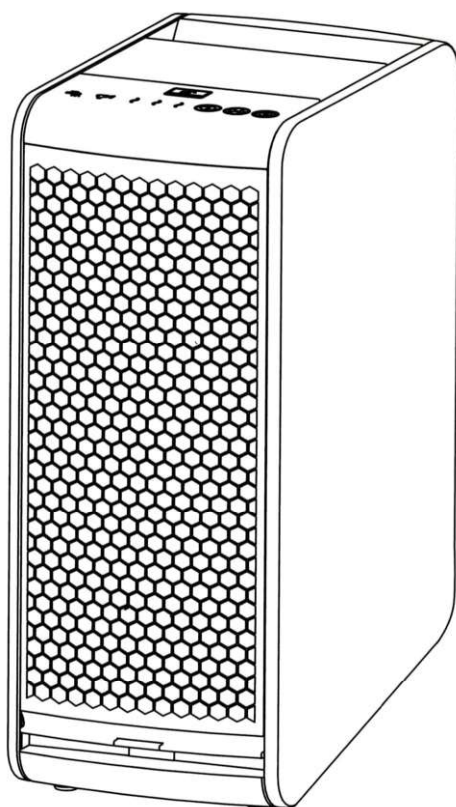




# HexaDuo Smart Electrostatic Air Purifier

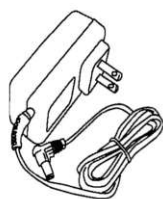
User's Manual  
Please read before using  
the equipment

This air cleaner complies  
with the federal ozone  
emissions limit.  
ARB CERTIFIED



## PACKING LIST

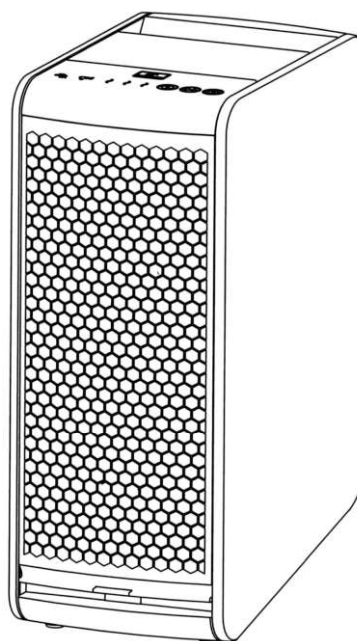
1. Air Purifier – Main unit -----1pc
2. Adaptor – DC1.5V/1.5A -----1pc
3. Cleaning Brush -----1pc
4. Instruction Manual -----1copy



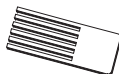
Adaptor



Instruction Manual



Air Purifier



Cleaning Tool

## **WARNING:**

**To reduce the risk of fire, electric shock or injury when using any electrical appliance, basic precautions should always be followed, including:**

Use indoors only.

Use only with the provided AC adaptor.

Unplug the adaptor from outlet when not in use and before servicing.

Do not allow the appliance to be used as a toy. Close attention is necessary when the appliance is operated near children.

Use only as described in this user manual.

Do not use if adaptor or plug appears to be damaged. If the appliance is not working properly, or has been dropped, damaged, left outdoors, or dropped into water, return it to a service center or to the place of purchase.

Do not handle the adaptor or appliance with wet hands.

Do not put any object into openings. Do not continue to use with any opening blocked. Keep all openings free of dust, lint, hair, or anything that may reduce airflow.

Keep hair, loose clothing, fingers, and all parts of the body away from openings.

Do not operate the unit in areas where flammable or combustible products or vapors may be present.

Touching a metal object may give a mild static shock if any part of the body is closer than 200 mm (8in.) from the air inlet of an operating unit.

– RISK OF ELECTRIC SHOCK

These servicing instructions are for use by qualified personnel only.

To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

## **AVERTISSEMENT:**

- Pour employer seulement à l'intérieur.
- Employez seulement avec l'adaptateur AC fourni.
- Débranchez l'adaptateur quand on ne l'emploie pas et avant l'entretien.
- Cet appareil n'est pas un jouet. Il faut garder les enfants qui sont près de l'appareil.
- Employez comme ce manuel décrit.
- N'employez pas si l'adaptateur ou la prise semble endommagée. Si l'appareil ne fonctionne pas, ou est tombé, a été endommagé, a été employé au dehors, ou est tombé dans l'eau, retournez tout de suite à un centre de service ou l'endroit d'achat.
- Ne touchez pas l'adaptateur ou l'appareil avec les mains humides.
- Ne mettez rien aux ouvertures. Cessez de l'employer si n'importe quelle ouverture est bloquée. Faites certain que tous les ouvertures n'ont pas des particules qui réduisent le flux d'air.
- Gardez les cheveux, les doigts, les vêtements lâches, et toutes les parties du corps loin des ouvertures.
- N'employez pas l'appareil dans les endroits avec les produits ou les vapeurs inflammables ou combustibles.
- Le contact d'un objet de métal peut donner un choc statique doux si une partie du corps est plus près que 200 millimètres de l'entrée d'air d'une unité d'opération.

## INTRODUCTION

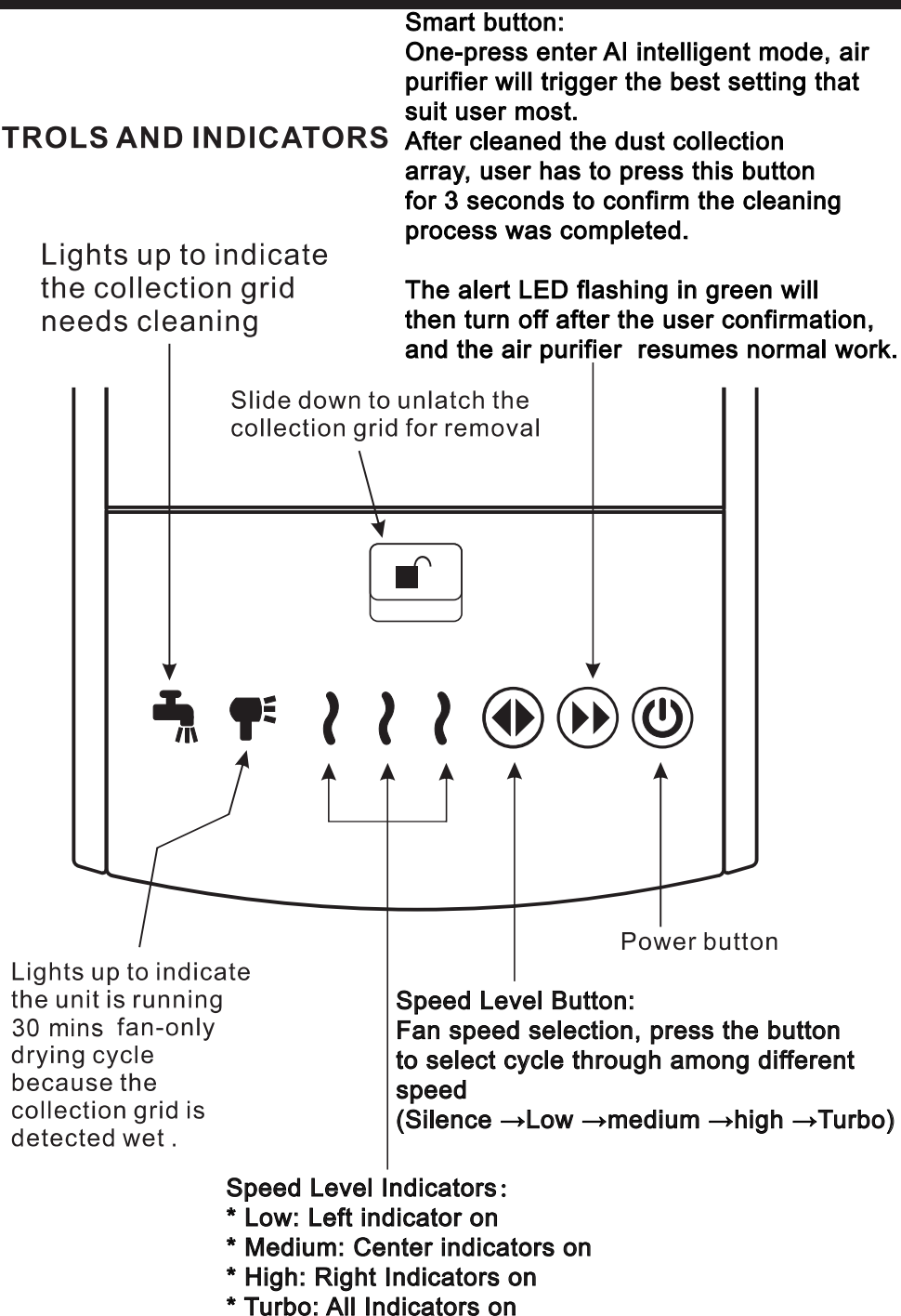
Thank you for your purchase of this energy-efficient high performance air purifier. Using our proprietary state-of-the-art electrostatic air cleaning technology , we have created this powerful yet compact appliance for you to enjoy a comfortable environment of cleaner air. This product is Energy Star compliant , which means it uses electricity efficiently . Its filter cell is permanent and washable. Therefore there is no filter to buy and the total operating cost is very low .

## FEATURES

1. Simple to use .
2. Energy Star compliance – highly efficient air cleaning with low operating cost.
3. Twin turbo fans for quiet but high performance operation.
4. Remove 95% of air-borne dust or particles for a 100 sq. ft. room in about 30 minutes .
5. Remove more than 99% of dust in the air in one pass.
6. Sophisticated measures to ensure safe operations; unit will not operate if the front or rear grill is opened; if the dust collection array is not installed ; or if the unit is too dirty . If the collection array is not properly dried after washing , the unit will run a fan-only drying cycle for 2 hours before energizing the electrostatic filtering .
7. Indicator to prompt user when cleaning is needed .
8. No filter to buy .
9. Specially-designed cleaning tool is included for easy cleaning of the collection array .
10. Legs extendable for floor standing or foldable for desk-top use .
11. Excessive power cord can be stored in the base .
12. Twenty-minute Turbo Cleaning cycle to temporarily boost the cleaning power for situational cleaning needs .
13. Different power levels to suit rooms with different sizes .

## NAMES OF PARTS AND THEIR FUNCTIONS

### CONTROLS AND INDICATORS



## IMPORTANT NOTE

Candles , gas heaters and other oil-burning products create soot . This soot can be distributed through a ventilation system and cause a sudden overload of soot to build up on and around the air purifier . For better air quality and less frequent cleaning , avoid burning candles indoors and have gas appliances checked on a regular basis .

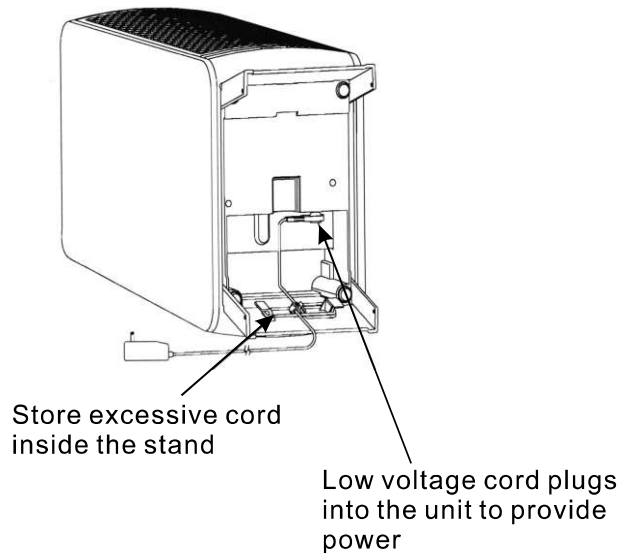
The collection grid has many edges and areas that can trap water . If running water is used to clean the grid , allow the collection grid to dry completely .

This air purifier complies with current U.S. safety requirements for low ozone emissions for consumer products . We recommend that individuals with a history of respiratory disease consult with their doctor about possible heightened sensitivity to very low ozone .

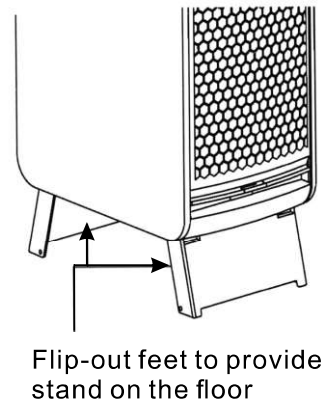
## INSTALLATION

1. Remove the piece of black foam which secures the inlet and outlet grill during transportation .
2. Plug the AC power adaptor to an electrical wall outlet .
3. Insert the plug of the power adaptor into the jack underneath the base of the unit .
4. If the cord is too long , wind the excessive cord around the hooks on the inside of the foldable stand .
5. Extend the foldable legs to let the unit stand on the carpet or hard floor ; or fold back the legs to let the unit stand on a desk .
6. Leave about(0.3m)1 foot behind and a free pathway in the front to allow unobstructed air flow for best performance .

## POWER CONNECTION



## FOLDABLE LEGS

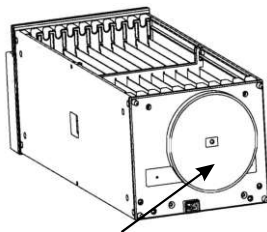


## BASIC OPERATION

1. Press the Power button  to turn on the unit. If the unit is powered up the first time, it will turn on at the Silent Mode. Otherwise it will turn on to the previous power level before it was shut down. Crackling sound coming from the unit in the first few minutes of power up is normal.
2. Press the Power level button  repeatedly to cycle through power levels: low, medium, high and silent. The indicators , , ,  will light up or turn off respectively. Use Low power for small rooms below 150 sq. ft. Use higher power for larger rooms or rooms with lots of air circulation.
3. Press the Boost button  to start the Turbo mode which boost the power level for 20 minutes. After which the unit will resume its previous power level. Use this mode for situations which require high power cleaning for a short period of time. Press this button again anytime to end the Turbo mode and resume the previous power level.

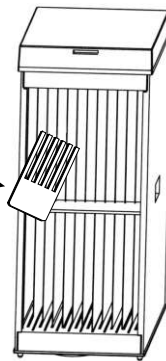
## CLEANING AND MAINTENANCE

1. The dust collection array traps the smoke and air-borne particles effectively and should be checked and cleaned frequently. If it has not been checked for two weeks, the indicator  will light up to prompt the user to do so. To keep the unit at its optimal performance, please clean it periodically. If the array is too dirty, the unit will shut down automatically and flash the indicator  for a warning.
2. To remove the collection array, slide down the latch button  while gripping the handle and pulling out the array. Wet the array with a household cleaner and brush its collector plates with the provided cleaning tool. Then rinse it under warm running water. It is normal that the collector plates get tarnished after operating for some time, but this will not affect the effectiveness of the unit. Dry the array thoroughly before inserting it back into the unit. If the array is still wet, the unit detects it and will run a fan-only drying cycle for two hours before energizing the electrostatic filtering. Indicator  will light up during the drying cycle.



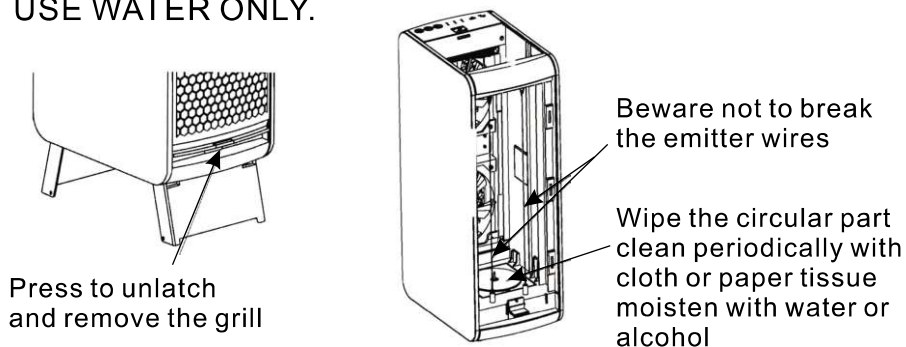
It is also important to clean the bottom part of the collector array and rinse thoroughly with water.

Brush the collection grid using the cleaning tool. This can be done under running water



(Note: to avoid static discharge, do not touch any metal parts of the collector grid when handling it. The discharge is not harmful but is unpleasant. To minimize the chance of static discharge, power down the unit using the power button on its control panel and wait for 30 seconds before handling the collector grid. )

3. To clean the unit, UNPLUG THE POWER ADAPTOR AND REMOVE THE COLLECTION ARRAY FIRST. Use a moistened cloth to clean the outside of the unit.
4. The front and back grill can be unlatched and removed from the unit to facilitate cleaning inside. Care should be taken not to damage the ionization emitters. Periodically, use a moistened cloth to clean the ionization emitters and the internal walls especially those beside the ionization emitters. NO SOAP OR DETERGENT SHOULD BE USED; USE WATER ONLY.



## TROUBLE SHOOTING

### NOT OPERATING, NO LIGHT INDICATION

- Ensure the AC adaptor is fully inserted into the AC outlet and its plug is connected to the dc jack of the air cleaner.
- Press the Power button momentarily to observe that it lights up.

### NOT OPERATING, INDICATOR FLASHING

- Check the collection array for dirt or any clotting by hairs or fibers.
- Clean the collection array as needed and install back in the air cleaner.
- Clean the internal wall of the unit especially those beside the ionization emitters. NO SOAP OR DETERGENT SHOULD BE USED; USE WATER ONLY.

## TECHNICAL SPECIFICATIONS

Power adaptor input : 100 -- 240V 50/60 Hz

Power adaptor output : 15V dc 1.5A center positive

Clean air Delivery rate (CADR) : 138(Dust),  
124(Tobacco smoke),  
124(Pollen)

Energy Star rating : 11.2 CADR / Watt for dust

Suggested Room Area : 100-400sq.ft

Virus removal : Remove more than 90% of MS2  
(a virus similar to cold virus) in the air  
in 2 hours.

Operating temperature : 0 to 40 deg.C

Storage temperature : -10 to 60 deg.C

Operating humidity : less than 90%, non condensing

[Specification may change due to our continuous effort in  
engineering development]

## **WARNING**

Changes or modifications, to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This product complies with the maximum allowable concentration of ozone of 0.050 parts per million by volume (ppmv) in a 24-hour period. The Health Canada Guideline 2010 recommends that the maximum exposure limit, based on an averaging time of 8 hours, is 0.020 ppmv or less when tested in a sealed, controlled room approximately 30 m<sup>3</sup>.

Ce produit est conforme avec la concentration maximale permise d'ozone de 0.050 parties par million par volume (ppmv) pendant une période de 24 heures. La Ligne directrice (2010) de Santé Canada recommande un niveau maximal d'exposition, basé sur un moyen de 8 heures, soit 0,020 ppmv ou moins dans une chambre de teste étanchée et contrôlée de 30 m<sup>3</sup>.

## **RENSEIGNEMENTS RELATIFS AUX RÈGLEMENTS DE LA COMMISSION FÉDÉRALE DES COMMUNICATIONS 'FCC' ,ET D'INDUSTRIE Canada 'IC' Article 15 des règlements du FCC**

AVIS: Cet équipement a été testé et s'est révélé conforme aux limites d'un appareil numérique de classe B, conformément à la Section 15 du règlement de la Federal Communications Commission (FCC). Ces limites sont conçues pour offrir une protection raisonnable contre toute interférence nuisible sur une installation résidentielle. Cet appareil génère, utilise et peut émettre des fréquences radio et s'il n'est pas installé selon Les instructions, peut nuire aux radiocommunications. Toutefois, rien ne garantit que des parasites ne surviendront pas dans une installation particulière. Si cet appareil cause des interférences nuisibles à la réception du téléviseur ou de la radio, ce que vous pouvez déterminer en mettant votre appareil en et hors fonction, nous vous invitons à essayer l'une des mesures correctives suivantes: ' Réorientez l'antenne de réception. ' Eloignez l'appareil du composant qui reçoit les ondes. . Branchez l'appareil dans une prise de courant CA différente de celle du composant qui reçoit les ondes. ' Au besoin, consultez votre marchand électronique ou un technicien spécialisé dans le service des radios/téléviseurs pour des suggestions supplémentaires.

Toute modification ou changement effectué à cet appareil sans l'accord des parties responsables de l'homologation peut retirer à l'utilisateur son droit d'utiliser l'appareil. Cet appareil est conforme à l'article 15 de la FCC.

Le fonctionnement est soumis aux deux conditions suivantes:

- (1) Cet appareil ne doit pas causer d'interférences nuisibles et;
- (2) Il doit pouvoir supporter les parasites qu'il reçoit, incluant les parasites pouvant nuire à son fonctionnement. La confidentialité des communications peut ne pas être assurée avec cet appareil. Afin de garantir la sécurité des utilisateurs, la FCC a établi les critères relatifs à l'énergie générée par les fréquences radio pouvant être absorbée en toute sécurité par un utilisateur ou par quelqu'un se trouvant à proximité, dépendamment de l'utilisation prévue du produit. Ce produit a été testé et s'avère conforme aux normes de la FCC.

## AVERTISSEMENT

Tout changement ou modification de cet équipement, non expressément autorisé par la partie responsable de la conformité, pourrait annuler l'autorisation donnée à l'utilisateur d'utiliser cet équipement.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada.

Le fonctionnement est soumis aux deux conditions suivantes:

- (1) Cet dispositif ne peut causer des interférences; et
- (2) Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.



V2.2

