

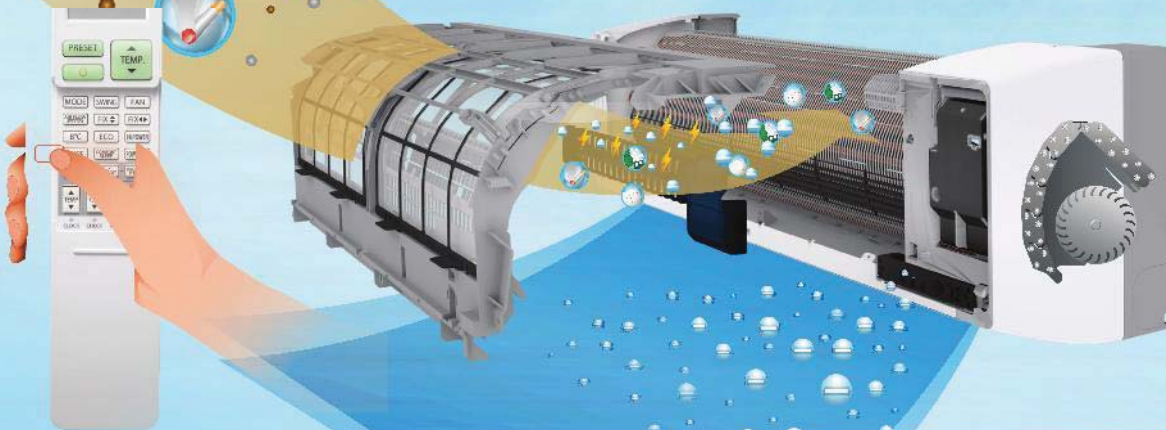
TOSHIBA

HEAT PUMPS

Think Toshiba. Think reliability.

Plasma Ion Purifier system >>>

A complete filtration system that deodorises air and provides a pure and healthy environment. The Plasma Ion Purifier System is a combination of a Plasma Ion Charger and a New Ionizer system. The system has been developed to provide maximum IAQ quality to every user. User can activate this feature by pressing the "PURE" button.



Plasma Ion Purifier system indicator on the indoor unit

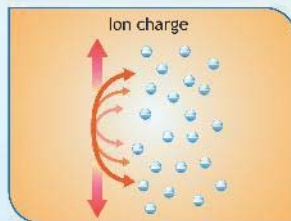
Indicator displays when the Plasma Ion Purifier system is active.



Plasma Ion Charger >>>

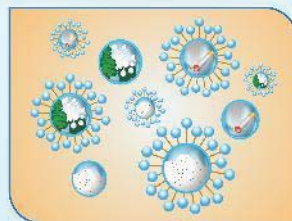
The Plasma Ion charger operates in these 3 following steps :

CHARGE



An ionized circuit forces pollutants to adopt positive electrical charge.

STEP 1

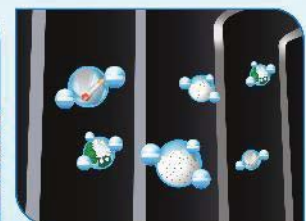


Negative electrons in the collection board attract large positive pollutants.

STEP 2

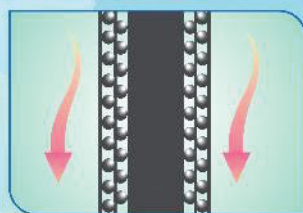


Remaining particles are forced towards the second collection board by a positive charge.



Impurities are ionized by an Ion Charger and absorbed by new heat exchanger with aqua resin coating which removes small contaminants that are unable to be caught by filters, then discharged by drain water. Drain water will occur during cooling and defrosting.

ABSORBED BY NEW HEAT EXCHANGER STEP 3



DISCHARGE
BY DRAIN WATER