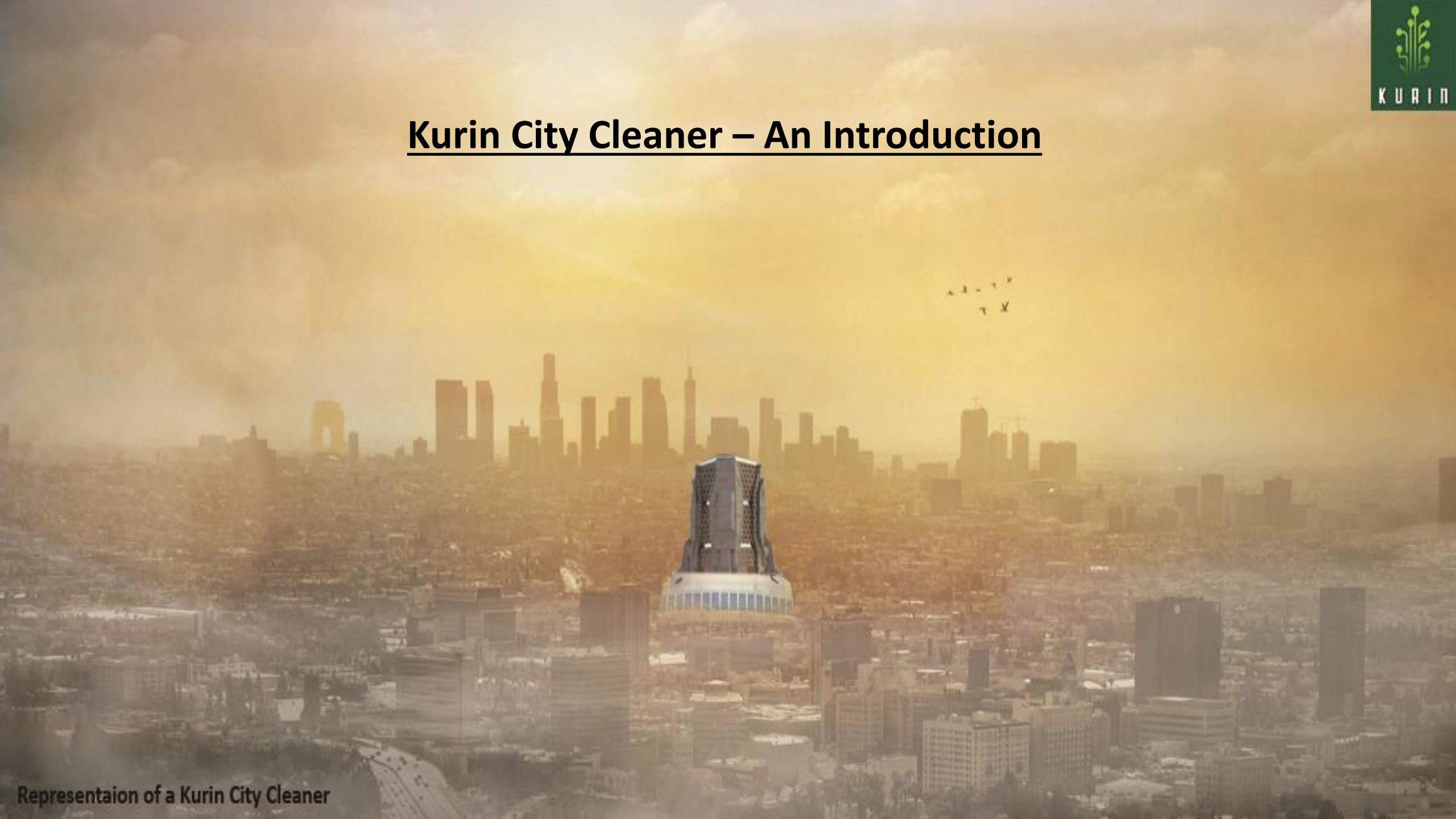


# Kurin City Cleaner – An Introduction



# Objective:

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To create the world's largest Air Purification System, capable of cleaning large volumes of polluted air i.e. entire district / suburbs.

To create the structure using easily available material and be cost effective.

Start by providing clean air to the most polluted city in the world.

To build the world's strongest Air Cleaning tower using only Solar Technology.

# About Us

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- Kurin Systems was formed after the teams innovative breakthrough in the field of Telecommunication with Androidly Systems – The world's first smartwatch.
- The team soon shifted into the necessity market after an early exit with Androidly and with the clear goal of promoting Transhumanism.
- The mission was to provide a better life style to all not depending on their socio-economic standards.
- Kurin Systems applied for the patent for the World's largest Air Purification Tower in 2016 and subsequently launched an array of extremely powerful and cost effective home air purification units.
- The company is led by two co-founders; Mr. Pavneet Singh Puri, Masters in Software Engineering & Product design heads the Technology and Innovation and Mr. Madhur Mehta, Masters in International Business heads Finance and Sales for the organization.
- The patent for the world's most efficient Air Cleaning tower has been published for Kurin Systems.

# Why start with New Delhi?

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Judging by current air quality in New Delhi, the average PM 10 and PM 2.5 levels are constantly Hazardous.

Even though the air quality should be regarded as a health emergency, very little is being done to tackle it.

The aim should be to educate the masses of how bad the air still is and its repercussions and at the same time take extreme actions to tackle the air pollution problem at source.

New Delhi needs a solution as soon as possible, with the onset of winters, the air will just get even more dense and pollution will linger in the air with no wind movement.

Not only will the towers provide huge volume of clean air but also serve as monument of the battle against Air Pollution.

# Tech Specs

Total no. of fans used : 48

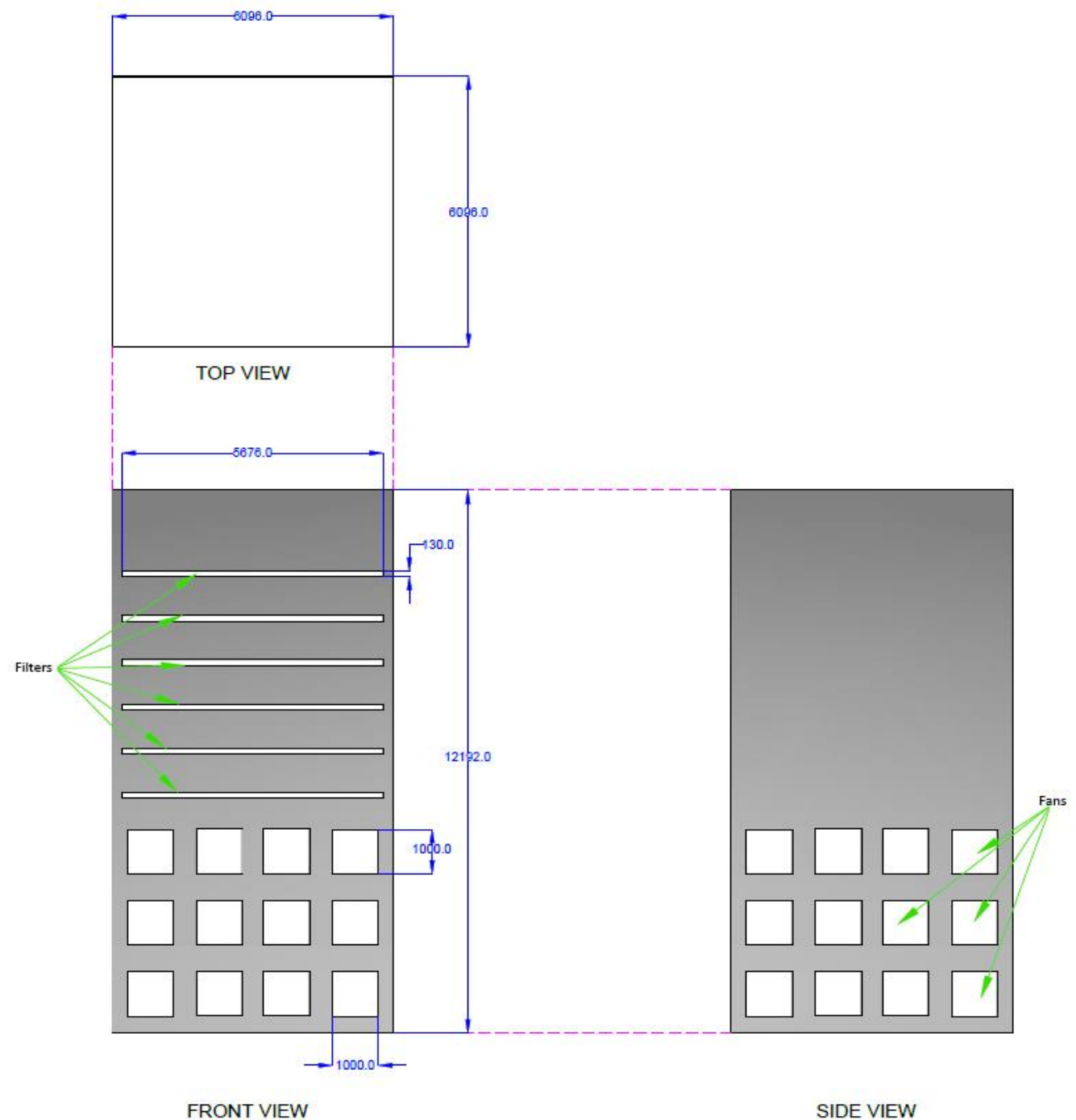
•Types of Filters used:

- I. Pre Filter– PM 10 (Visible Particles)
- II. HEPA H14– PM 2.5
- III. Activated Carbon– VOC's / Odour/ Formadehyde etc.

•No Ionization.

•No Ultra Violet filtration.

•No Photocatalyst filtration



# Placement and Effective Area



- Dimensions : 20ft x 20ft x 40ft
- Ability to clean 32 Million Cubic meter of Air everyday.
- Cooled Clean Air instead of escaping into atmosphere comes down.
- Completely Solar Powered Project.
- Clean air for more than 75,000 people everyday.
- World's strongest and most efficient purifier to be placed first in New Delhi.

# Key Points

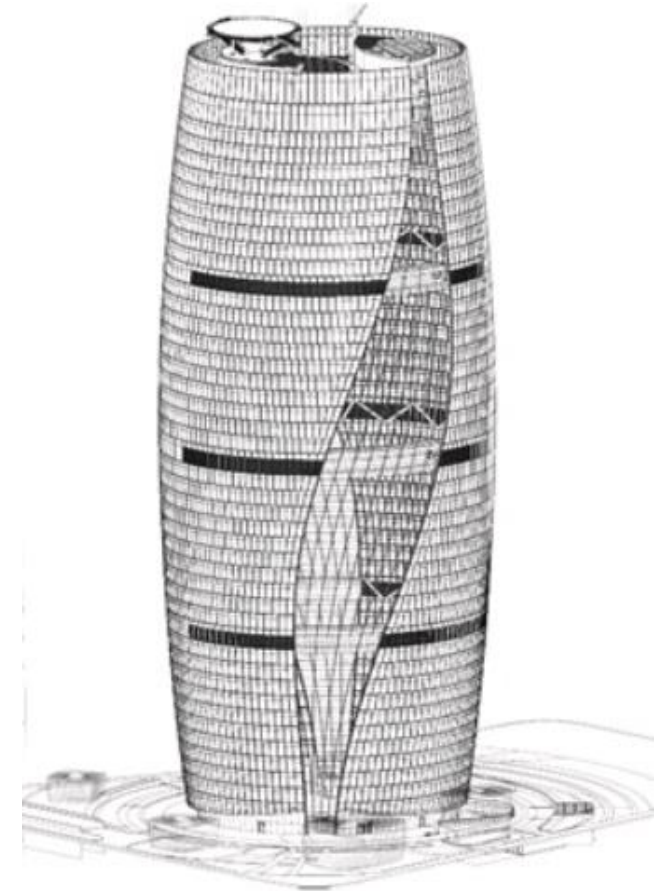
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- The city cleaner is a 40ft high structure that can intake polluted air from all 360 degrees and provide continuous exhaust of Clean Air which will be PM 2.5 level under 50 at all times.
- The tower has two main chambers; one to increase the relative velocity of the air and the other clean the massive intake of air before sending it out at great speeds.
- Kurin city cleaner is the most powerful Air Purification Tower ever created and is Patented by Kurin Systems.
- The tremendous amount of Clean Air that is cooled during the last stage so as to be utilized better in breathing range.
- Human being requires about 10 cubic meter of air every hour to survive. The City Cleaner produces over 1,300,000 cubic meter of clean air every hour.

# Design

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- 360° in-take of air.
- Capacity to clean 1,300,000+ m<sup>3</sup> per hour.
- Over 32 Million cubic meter of clean air generated in 24 hours.
- Simple design using easily available material.
- Made in India, using Indian accessories and filters.



\* Representaion of the Kurin City Cleaner, Actuals may differ.



# Competition

Kurin City Cleaner (New Delhi, India)	Studio Roosegaarde – Tower (Rotterdam, Netherlands)	Greenhouse Tower (Xi'an, China)
<ul style="list-style-type: none"><li>• Cleaning Capacity – 32 Million Cubic Meter per Day</li><li>• Hard Physical Filtration – Pre filter   HEPA   A. Carbon</li><li>• Dimensions – 20ft x 20ft x 40 ft<ul style="list-style-type: none"><li>• Price – USD 275,000 ~</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Cleaning Capacity – 7 Million Cubic Meter per Day<ul style="list-style-type: none"><li>• Ionization [Banned in most Countries for Ozone Generation]</li></ul></li><li>• Dimensions – 22ft Cylindrical<ul style="list-style-type: none"><li>• Price – USD 300,000</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Cleaning Capacity – 10 Million Cubic Meter per Day<ul style="list-style-type: none"><li>• Greenhouse Gases &amp; Ionization.</li></ul></li><li>• Dimensions – 330ft Cylindrical<ul style="list-style-type: none"><li>• Price - Unknown</li></ul></li></ul>



Thank You.