India's First Patented Hybrid Cooling Machine

PROPELLING THE FRONTIER OF SCIENCE WITH INNOVATION...

ECO FRIENDLY

SAVE 80% ELECTRICITY

ECONOMICAL

Hybrid
Vaayu
Air
Cooling
Technology

Air Conditioner + Cooler = HVACT

Compressor Based Technology

CE Certified

RoHS Tested

ISO 9001:2008 CERTIFIED

MAKE IN INDIA

Awarded as SuperStartUp

VAAYU PATENTED TECHNOLOGY

Vaayu®

India's Innovative Cooling

www.vaayuindia.com vaayuindia vaayu_india

Transforming Imagination...

With the ever progressive evolution and modernization , a new age Alternative Technology termed as **Hybrid Vaayu Air Cooling Technology (HVACT)** has been uniquely designed and integrated.

Features

- Reduces Power Consumption Upto 80% Against Similar Tonnage AC
- Patented Aqua Kit With UV-C & Pre Water Filtration System
- No Direct Heat Emission
- Provides Instant Cooling During High Ambient Temperature
- Induces Fresh Air In The Room
- Consumes Less Water
- Sustainable Low Noise
- Hassle Free Ductable
- Full Installation Support
- Efficient After Sales Service

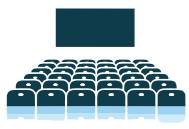
Applications


Industries


Hospitals


Schools / Colleges


Malls / Showrooms


Auditorium


Bungalows


Places of Worship

Restaurants


Warehouses

Commercial complexes

Commercial Comparison
Vaayu MIG Range V/s Traditional AC

Description	Vaayu	AC
Coverage Area (Sq Ft)	1000	1000
Air Cooling Required	10 TON	10 TON
Machine	MIG 30	10 TON AC
Power Input (Watts) Per Machine	1550	10,000
Number of Machines	1	1
Per Day (10 Hr.) Power Consumption (Watts)	15,500	1,00,000
Monthly Power Consumption (30 Days) (Watts)	4,65,000	30,00,000
Units Per Month (Watt/1000)	465	3000
Cost of Electricity (Naira)	38	38
Monthly Bill (Approx)	17,670	1,14,000
Savings Against AC	96,330	-
Saving Against AC (%)	84%	

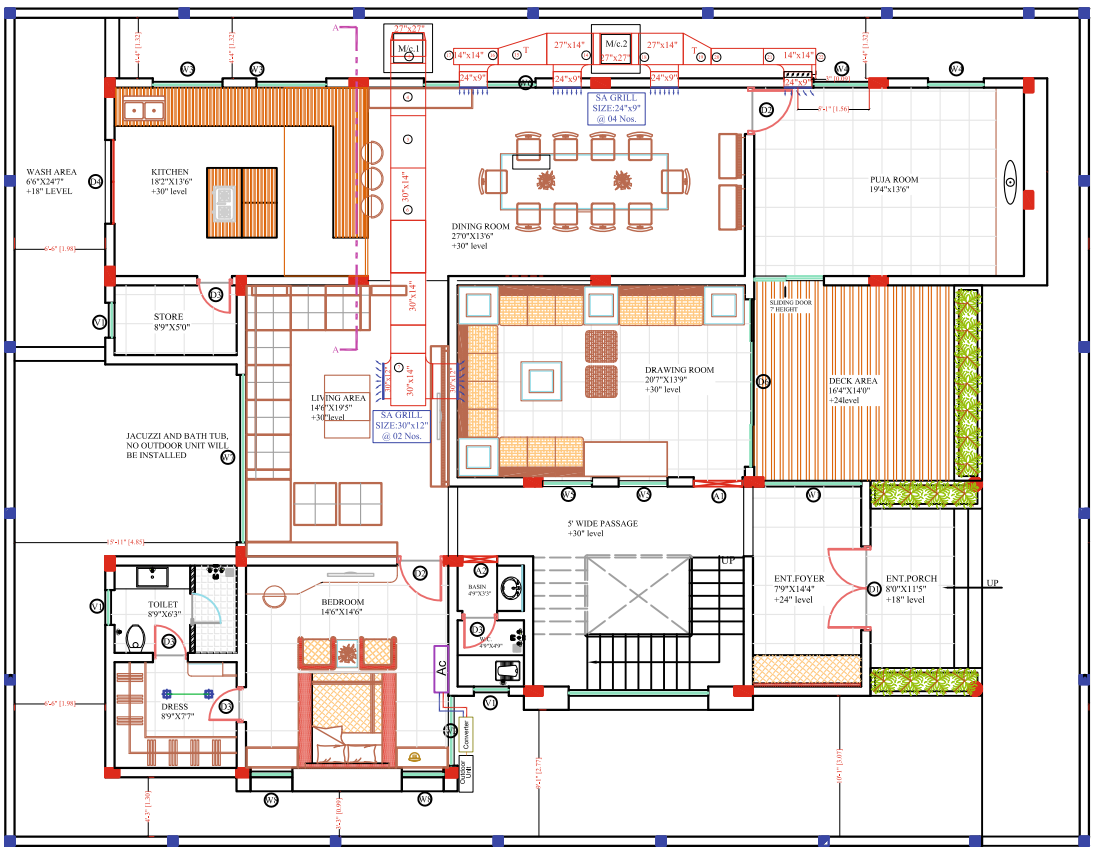
*Terms & Conditions Apply. Due to continuous R&D, features & specification may change without prior notice and may vary from model to model.

Specifications

Description	MIG 30	MIG 36
Coverage Area (Sq. Ft.)	1000 Sq.ft.	1600 Sq.ft.
Machine (Ton)	10 Ton	16 Ton
Power Supply	230V, 1PH, 50Hz	230V, 3PH, 50Hz
Per Hr. Power Consumption	1550W	3400W
No. Of Compressors	2	2
Size (L x W x H)	3.6 Ft x 3.6 Ft x 3.6 Ft	4 Ft x 4 Ft x 4 Ft

Prestigious Clients

- Army War College (MHOW)
- Armour Brigade (Patiala)
- Army Base Camp (Near Jabalpur)

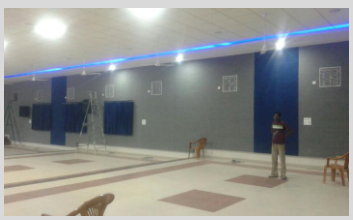
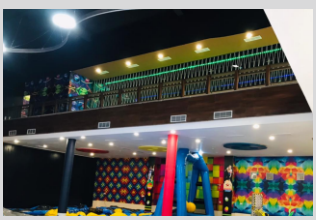


Vaayu Cooling Layout

THE PROCESS

1. As soon as the power is switched on, the COMPRESSER starts and the refrigerant flows in the cooling coil to chill the water
2. Chilled water gets circulated on the Pads of the machine by PUMPS
3. Outside hot air comes in contact with the chilled water, the molecules present in the hot air loose the temperature and become chilled
4. THERMOSTAT helps to put the compressor on and off as per the requirement of the water temperature to be maintained and prevents the compressor from overheating.
5. CONDENSER cools down the refrigerant and helps in dehumidification of excess RH to control the humidity level
6. Chilled air is pushed inside the area where the unit is installed through a fan of the machine




Vaayu Installation Images

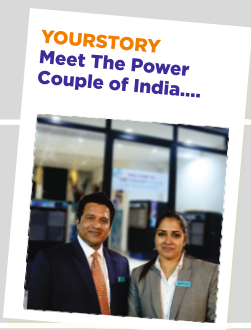
Awards & Recognitions

Ranked as SuperStartUp by SuperBrands India

Vaayu in Rhythm with Mr. A.R. Rahman

SKOCH AWARD: India's Best SME & Order of Merit

Zee Business Awards 2017 - Business Achiever



Selected under Top Innovations- 7th India Innovation Initiative

Mega Launchpad- Most Innovative Startup Award

Featured in Top 100 Innovations of India from 1947 to 2016 by Design Temple

STARTUP INDIA STAND UP INDIA

Selected under Startup India - Standup India

Vaayu®
India's Innovative Cooling

Corporate Office: FH-196, Scheme No.54, Vijay Nagar, Indore - 452010 , Madhya Pradesh
9685090174, 7489906447
info@vaayuindia.com
www.vaayuindia.com

Auth. Dealer