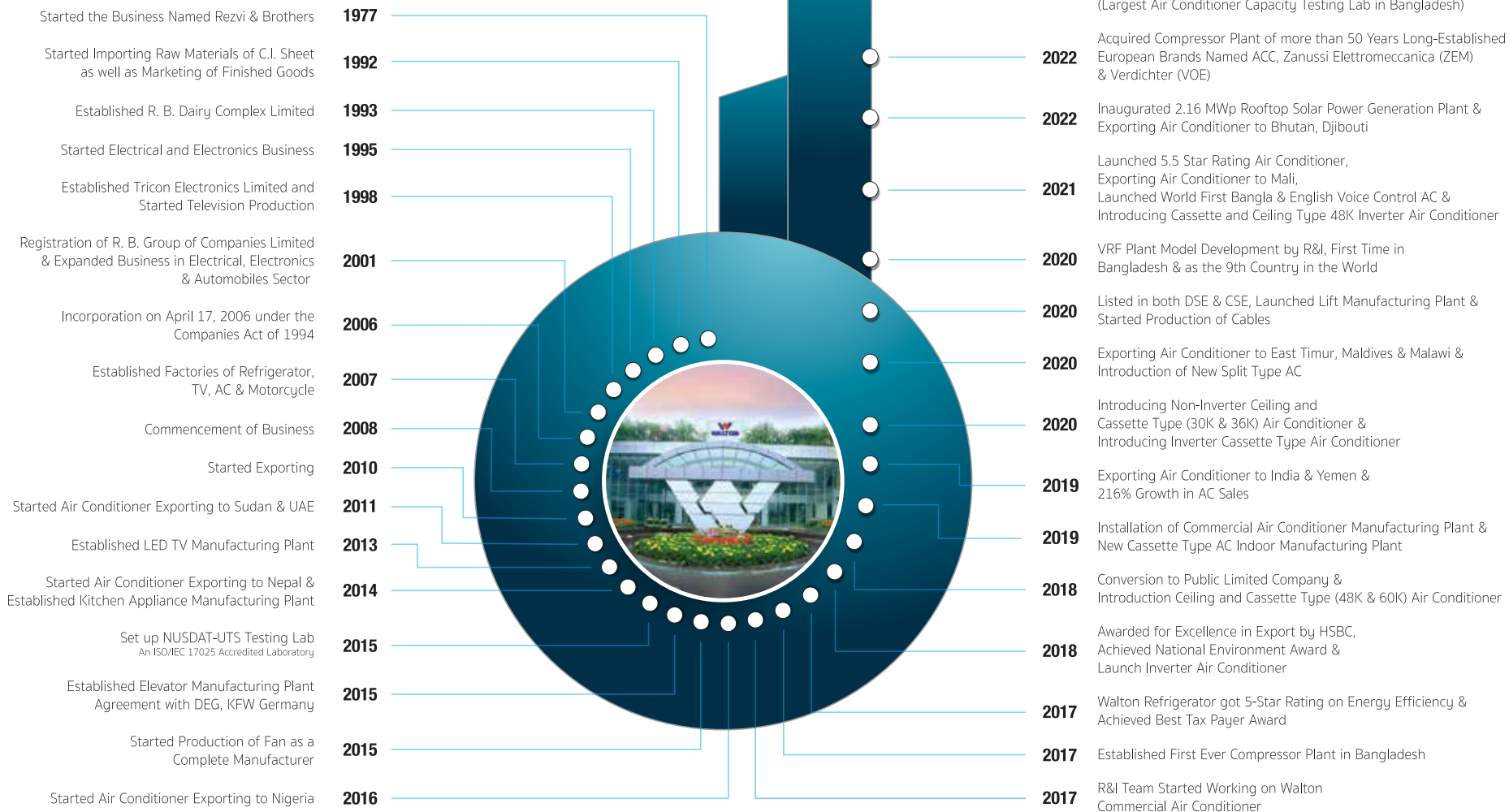# COMPANY PROFILE

Walton, a renowned global brand, stands as a beacon of innovation and excellence in the world of technology and consumer electronics. The heart of our success lies in a state-of-the-art Research and Innovation (R&I) facility, unrivaled in its scale and capabilities, where our brilliant minds tirelessly pioneer the future.

Walton is fortified with the vision to hoist the green and red flag across the globe with its ingenuity and innovation. We are currently making waves in foreign markets, spanning across 40 countries in Europe, North America, Asia, West Africa, and more.
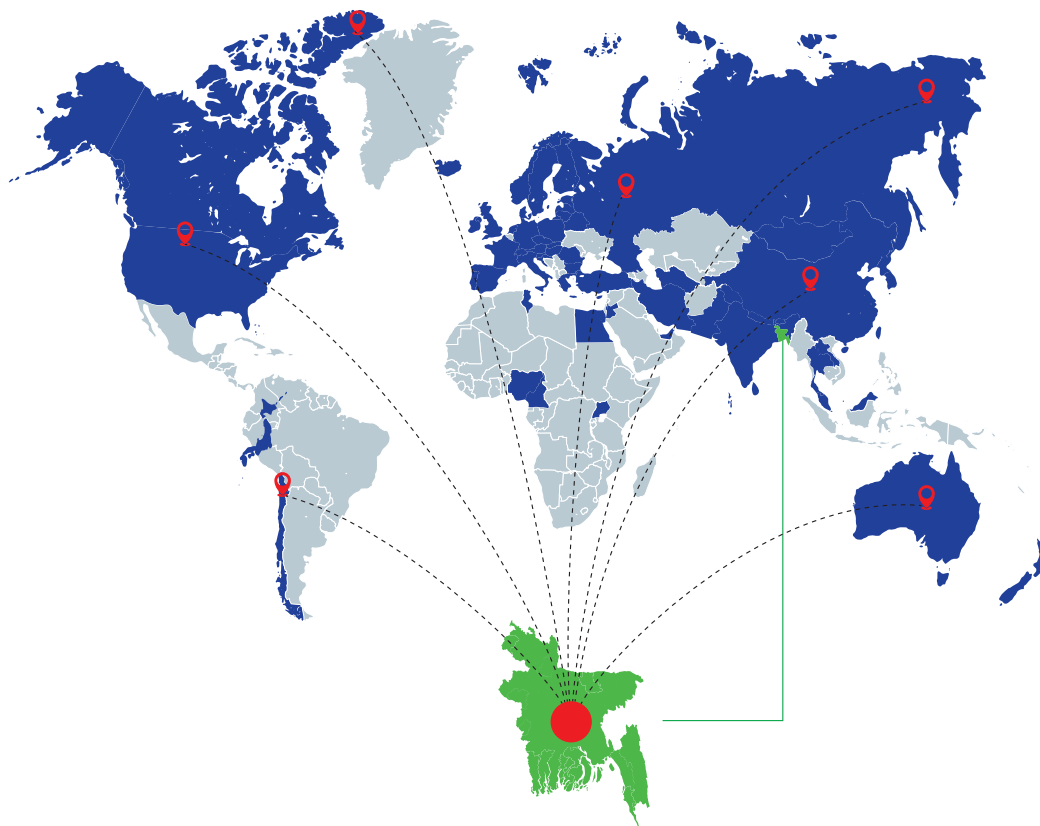
The ultimate objective is to establish our brand name in the list of Top Five Electronics Brands of the Globe by 2030. All the future development of Walton including the overall function of the Company alongside the sustainability would be ensured by our unyielding labor for technological excellence across the domestic and global markets. Walton will be an influential global hallmark that shall usher in a new age of global recognition of both our company and Bangladesh.

Our top-notch strategies include setting up new production units, manufacturing new models of products, establishing an international standard testing lab to ensure the highest quality of the produced goods, expanding its export destinations, and receiving certificates from different countries by excelling within their discrete standards. Our vanguard is working relentlessly towards our grand scheme of establishing our imperium across the globe.

Beyond Dream

1977 — Started the Business Named Rezvi & Brothers

1992 — Started Importing Raw Materials of C.I. Sheet as well as Marketing of Finished Goods

1993 — Established R. B. Dairy Complex Limited

1995 — Started Electrical and Electronics Business

1998 — Established Tricon Electronics Limited and Started Television Production

2001 — Registration of R. B. Group of Companies Limited & Expanded Business in Electrical, Electronics & Automobiles Sector

2006 — Incorporation on April 17, 2006 under the Companies Act of 1994

2007 — Established Factories of Refrigerator, TV, AC & Motorcycle

2008 — Commencement of Business

2010 — Started Exporting

2011 — Started Air Conditioner Exporting to Sudan & UAE

2013 — Established LED TV Manufacturing Plant

2014 — Started Air Conditioner Exporting to Nepal & Established Kitchen Appliance Manufacturing Plant

2015 — Set up NUSDAT-UTS Testing Lab
An ISO/IEC 17025 Accredited Laboratory

2015 — Established Elevator Manufacturing Plant Agreement with DEG, KFW Germany

2015 — Started Production of Fan as a Complete Manufacturer

2016 — Started Air Conditioner Exporting to Nigeria

2024 — Launched 6 Star Rated Air Conditioner
Introduced Solar Hybrid AC for the First Time in Bangladesh
Launched Coatec Series AC, an Anti-corrosive Industrial Solution
Started Using of Most Eco-friendly R290 Refrigerant

2024 — BSTI Certified the Highest Energy Efficient LCAC in Bangladesh
Became the Champion in "PMO of the Year" Award-2024

2023 — Exporting Air Conditioner to South Sudan

2022 — Introducing Hydronic Care Chiller Series and
30TR CAC Air Enthalpy Method Calorimeter Lab
(Largest Air Conditioner Capacity Testing Lab in Bangladesh)

2022 — Acquired Compressor Plant of more than 50 Years Long-Established European Brands Named ACC, Zanussi Elettromeccanica (ZEM) & Verdichter (VOE)

2022 — Inaugurated 2.16 MWp Rooftop Solar Power Generation Plant & Exporting Air Conditioner to Bhutan, Djibouti

2021 — Launched 5.5 Star Rating Air Conditioner,
Exporting Air Conditioner to Mali,
Launched World First Bangla & English Voice Control AC &
Introducing Cassette and Ceiling Type 48K Inverter Air Conditioner

2020 — VRF Plant Model Development by R&I, First Time in Bangladesh & as the 9th Country in the World

2020 — Listed in both DSE & CSE, Launched Lift Manufacturing Plant & Started Production of Cables

2020 — Exporting Air Conditioner to East Timur, Maldives & Malawi & Introduction of New Split Type AC

2020 — Introducing Non-Inverter Ceiling and Cassette Type (30K & 36K) Air Conditioner & Introducing Inverter Cassette Type Air Conditioner

2019 — Exporting Air Conditioner to India & Yemen & 216% Growth in AC Sales

2019 — Installation of Commercial Air Conditioner Manufacturing Plant & New Cassette Type AC Indoor Manufacturing Plant

2018 — Conversion to Public Limited Company & Introduction Ceiling and Cassette Type (48K & 60K) Air Conditioner

2018 — Awarded for Excellence in Export by HSBC, Achieved National Environment Award & Launch Inverter Air Conditioner

2017 — Walton Refrigerator got 5-Star Rating on Energy Efficiency & Achieved Best Tax Payer Award

2017 — Established First Ever Compressor Plant in Bangladesh

2017 — R&I Team Started Working on Walton Commercial Air Conditioner

TRADE SMART CHOOSE BANGLADESH

WALTON: WHERE QUALITY MEETS TRADE BENEFITS

Choose us as your partner, and you'll be benefited from a range of trade agreements that make our appliances both reliable and affordable.

- GSP (Generalized System of Preferences)
- SAFTA (South Asian Free Trade Agreement)
- APTA (Asia-Pacific Trade Agreement)
- DFQF (Duty-Free, Quota-Free) Facilities
- D8-PTA (D-8 Preferential Trade Agreement)

- TPS-OIC (Trade Preferential System among the Member States of the OIC)
- UK-DCTS (UK Developing Countries Trading Scheme)
- Bhutan-PTA (Bhutan Preferential Trade Agreement)

OUR STRENGTH

650
Branded Shops

3000
Franchise Shops

R&I TEAMS
in Bangladesh, South Korea, Taiwan & China

72
Service Centers

Investing in
LATEST
TECHNOLOGY

750
Acres Production Plant

10000+
National & International Distributors

EXPERT
Human Resources

World-Class
TESTING
LABS

MANUFACTURING
PLANTS

LAB & TESTING
FACILITIES

Our testing labs were formed to provide testing facilities for domestic appliances for both private and public sector. Total quality management system has been organized according to ISO/IEC 17025 standard that provides actual general requirements for the competence of testing and calibration.

In recognition of maintaining a good quality management system, NUSDAT-UTS got accreditation from Bangladesh Accreditation Board (BAB). For skill development purpose, all key personnel of NUSDAT- UTS have been trained based on some international standards. Among them, Lead Assessor training is based on ISO/IEC 17025.

✓ QC Lab Testing
✓ Needle Flame Test
✓ Glow Wire Test
✓ Ball Pressure Test
✓ Helium Leak Test
✓ Compression Test
✓ Indoor Electric Strength Test
✓ Outdoor Electric Strength Test

✓ Salt Spray Test
✓ Performance Test
✓ Noise Test
✓ IP Test
✓ Vibration Test
✓ Drop Test
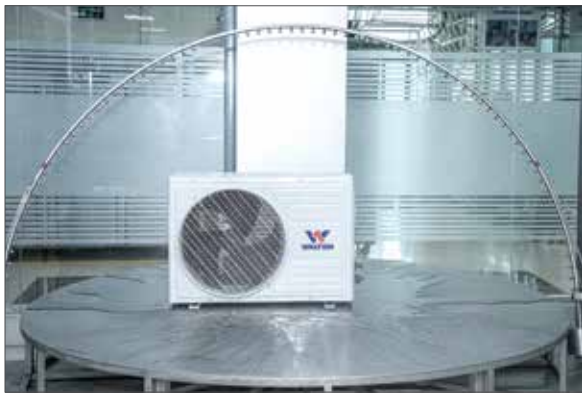
UNIQUE FEATURES

• High Efficiency & Energy Saving • Healthy & Comfortable • Smart Feature

6 Star Rating

6 Star Energy Rating Walton Air Conditioner is enriched with high-efficient compressor, heat exchanger, low-power consuming indoor & outdoor fan motors and optimized cooling circuit design that provide the ultimate output, EER (W/W) 5.25.

Solar Hybrid

Solar Hybrid AC can receive power from Solar Panel and Main Grid Line at the same time. At first, AC does not receive any power from main grid line if there is enough solar power available. If solar panels cannot deliver the total required power to run the AC, hybrid system will allow to draw rest of the power from main grid line.

Highest Energy Efficiency Ratio

The highest EER of 5.25 and energy saving model in South Asia which consume Only 690W electricity in Rated Mode with BSTI Certified 6 Star rating. In addition to this, Walton AC has the highest EER in 18K and 24K models with EER of 4.25 and 3.7 respectively in Bangladesh.

Wide Working Voltage Range

Walton Intelligent Inverter Air Conditioner has a **Wide Working Voltage Range** starting from 100V to 300V (for Extreme Saver Model) and 130V to 280V (for All Other Inverter Models) AC at 50Hz which ensures stabilizer free operation.

Intelligent Inverter

Inverter Technology is an energy-saving operation that optimizes the power consumption of an air conditioner by efficiently controlling the compressor's operational speed.

Eco Friendly Refrigerant

Walton Intelligent Inverter Air Conditioner uses **Environment Friendly Refrigerant (R-290, R-32 and R-410A)** which has Zero Ozone Depletion Potential (ODP) & very low Global Warning Potential Ratings (GWP).

Air Plasma

Air Plasma Technology kills bacteria & viruses by forming OH radical on the surface of bacteria & viruses. Its negative ions float in the air & remove smoke & dust. Air Plasma eliminates odor & also reduces airborne infections & allergens. By ensuring improved air quality, it further helps to improve human health by reducing sleeping problems & high blood pressure.

Frost Clean

Frost Clean cleans dust from the indoor heat exchanger (evaporator) by frosting and defrosting evaporator fins. It keeps the evaporator clean and fungus free. Thus it increases AC efficiency and longevity.

Hot & Cool

Walton has introduced a new **Heating & Cooling** model air conditioner for ensuring your comfort both in winter and summer. Even if you live in extreme temperatures, depending on weather you can control your room temperature by heating in winter and cooling in summer.

Wide Temperature Range

For heating mode, Walton hot & cool air conditioner operates between -7°C to 24°C ambient temperature range and for cooling mode, it operates between for Non-inverter 20°C to 46°C & for Inverter 20°C to 52°C ambient temperature range. The air conditioner can maintain the room temperature between 16°C to 31°C.

Kids Mode

Kids Mode ensures kids to get a comfortable and healthy environment when the AC is turned on by enabling health mode, low fan speed and minimum louver angle.

UV Care

The **UV Care Technology**-based Walton Air Conditioner gives you ultimate safety from indoor air pollution. It helps to reduce airborne germs, bacteria & viruses.

Offline Voice Control

AC can be operated by predefined English and Bangla voice commands without any internet connection. Walton AC is the world's first **Offline Bangla Voice Controlled AC**.

4D Airflow

Walton Intelligent Inverter Technology Air Conditioner has horizontal & vertical swings that enable the air to guide/swing in four directions. You will feel the same comfort in every corner of the room.

PreciSense Temperature

Walton Air Conditioner features **PreciSense technology**, enabling precise temperature control in fractional levels. This allows for finer adjustments, providing enhanced comfort and improved energy efficiency.

Sleep Mode

In **Sleep Mode,** Walton AC regulates the ambient temperature intelligently throughout the night giving a comfortable and suitable environment for sound sleep. In addition to that, this mode reduces energy consumption compared to the cooling mode.

Anti-corrosive Industrial Solution

The ultimate armor that defies corrosion and embraces confidence. Revolutionize your cooling experience with the **Coatec** Series, a powerhouse defense system engineered to secure your air conditioner against rust, corrosion and damage. Elevate your AC's durability to unmatched levels, ensuring peak performance year after year.

Turbo Cool

Walton Intelligent Inverter Air Conditioner offers Faster Cooling by a special combination of the compressor operational speed and logic control board. Only press the "Turbo" button and enjoy the feature.

3 in 1 Convertible

If room's dimension is changed, no need to change/replace the AC, just change the capacity. The user can control the cooling capacity as per requirement. Thus, it saves energy and ensures optimal cooling.

Digital Display

Digital Display enables customers to view operating mode, fan speed, active features, power consumption and running hour conveniently. This feature enables customers to monitor AC performance with running and the previous month's power consumption data. From this, the user can easily track the power consumed by AC and the performance of AC.

Smart Control IoT

Smart Control IoT feature allows customer to control and monitor AC with mobile application over WiFi connection from anywhere anytime.

Smart Appliances Mobile App

By using Walton **Smart Appliances Mobile App,** users can operate the air conditioner from anywhere in the world and also view the electricity consumption. Smart diagnosis will easily notify the user if any technical error occurs.

Bluetooth

Bluetooth Technology allows customer to control AC without internet using mobile phone. Unlike traditional IR remote, this technology doesn't require AC to be in line of sight. Interactive and user friendly mobile app interface helps user to operate AC comfortably by using mobile.

Remote Finder

Remote can be easily found by using **Remote Finder** feature through Walton Smart Appliances mobile app. Long-range Bluetooth communication over 50 meters in the open air ensures the remote is traceable even over long distances. Its cutting-edge Bluetooth LE technology ensures efficient and fast connectivity by preserving the remote's battery life. A loud sound piezo buzzer provides clear audible guidance.

SPLIT TYPE AIR CONDITIONER

ACC Series

12K | 18K | 24K

Inverna Series

12K | 18K | 24K

Avian Series

12K | 18K | 24K

Coatec Series

12K | 18K | 24K

Oceanus Series

12K | 18K | 24K

Krystaline Series

12K | 18K | 24K | 30K

Inverna Series

12K | 18K | 24K

6 STAR RATING

3in1 Convertible Technology

Air Plasma Technology

Frost Clean

25.5°C PreciSense Technology

Built-in Surge Protection

4D Airflow

ECO FRIENDLY R32 Refrigerant

Kids Mode

DC Inverter Solution

100 300 Wide Voltage Range

Wide Temperature Range

Turbo Cool

Silent Mode

Smart Control

* Some unique features are available based on model.

INVERNA SERIES

Technical Specification

Technical Specification	WSI-INVERNA (EXTREME SAVER) -12C [SMART]	WSI-INVERNA (SUPERSAVER) -12J [PLASMA]	WSI-INVERNA (SUPERSAVER) -12J [SMART PLASMA]	WSI-INVERNA (SUPERSAVER) -18H [PLASMA]	WSI-INVERNA (SUPERSAVER) -18H [SMART PLASMA]	WSI-INVERNA (SUPERSAVER) -24H [PLASMA]	WSI-INVERNA (SUPERSAVER) -24H [SMART PLASMA]
Function	Cooling	Cooling	Cooling	Cooling	Cooling	Cooling	Cooling
BTU/hr	12403	12000	12000	18000	18000	24000	24000
Cooling Capacity (W)	3635	3517	3517	5275	5275	7034	7034
Rated Input Power (W)	690	890	890	1240	1240	1900	1900
EER(W/W)	5.25	3.95	3.95	4.25	4.25	3.7	3.7
Power Supply (phase/voltage (V) /frequency (Hz) /current (A))	Single/230/50/3.15	Single/230/50/3.93	Single/230/50/3.93	Single/230/50/5.45	Single/230/50/5.45	Single/230/50/8.51	Single/230/50/8.51
Air Circulation (m³/h)	800	570	570	900	900	970	970
Compressor Type	Rotary (Inverter)	Rotary (Inverter)	Rotary (Inverter)	Rotary (inverter)	Rotary (Inverter)	Rotary (Inverter)	Rotary (Inverter)
Refrigerant Type	R-32	R-32	R-32	R-32	R-32	R-32	R-32
Refrigerant Amount (kg)	0.60	0.40	0.40	0.61	0.61	0.66	0.66
Operating Range (Ambient Temperature)	20°C to 52°C	20°C to 52°C	20°C to 52°C	20°C to 52°C	20°C to 52°C	20°C to 52°C	20°C to 52°C
Evaporator Fin Type	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin
Condenser Type	Microchannel Condenser	Microchannel Condenser	Microchannel Condenser	Microchannel Condenser	Microchannel Condenser	Microchannel Condenser	Microchannel Condenser
Condenser Fin Type	Wave Fin	Wave Fin	Wave Fin	Wave Fin	Wave Fin	Wave Fin	Wave Fin
Maximum Pipe Length	10m	10m	10m	10m	10m	15m	15m
Turbo Mode (Maximum Cooling)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ECO Mode (Power Saving)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Operation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dry Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fan Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Speed Setting	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)
Auto Restart	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Comfort Cooling	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Timer	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sleep	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Up-Down Swing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Left-Right Swing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote Display Type	LCD	LCD	LCD	LCD	LCD	LCD	LCD
Operation/Control	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)
Child Lock	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Unit Change (°C to °F)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Indoor (mm) [LxWxH]	1093 x 329 x 243	838 x 296 x 215	838 x 296 x 215	942 x 321 x 238	942 x 321 x 238	1093 x 329 x 243	1093 x 329 x 243
Outdoor (mm) [LxWxH]	865 x 370 x 687	770 x 300 x 545	770 x 300 x 545	942 x 371 x 701	942 x 371 x 701	942 x 371 x 701	942 x 371 x 701
Net Weight (Indoor) (Kg)	15.1 ± 0.5	10.4 ± 0.5	10.4 ± 0.5	12.5 ± 0.5	12.5 ± 0.5	16 ± 0.5	16 ± 0.5
Gross Weight (Indoor) (Kg)	17.5 ± 0.5	12.2 ± 0.5	12.2 ± 0.5	15 ± 0.5	15 ± 0.5	19 ± 0.5	19 ± 0.5
Net Weight (Outdoor) (Kg)	33.5 ± 1.0	19.84 ± 1.0	19.84 ± 1.0	36.5 ± 1.0	36.5 ± 1.0	36 ± 1.0	36 ± 1.0
Gross Weight (Outdoor) (Kg)	38.5 ± 1.0	23.2 ± 1.0	23.2 ± 1.0	42 ± 1.0	42 ±1.0	41 ± 1.0	41 ± 1.0

Coatec Series

12K | 18K | 24K

Coatec

Anti-corrosive Industrial Solution

Solar Hybrid AC

Energy Efficient

ECO FRIENDLY

R32 Refrigerant

4D Airflow

UV Care

Intelligent Inverter Technology

Turbo Cool

Wide Temperature Range

Ionizer

Wide Voltage Range
100 300

Sleep Mode
Zz

Kids Mode

PreciSense Technology
25.5°C

Display Hiding

* Some unique features are available based on model.

Coatec Series

Anti-corrosive Industrial Solution

Technical Specification

Technical Specification		WSI-COATEC (SUPERSAVER) -12J [UV]	WSI-COATEC (SUPERSAVER)-12M [SOLAR HYBRID]	WSI-COATEC (SUPERSAVER) -18H [UV]	WSI-COATEC (SUPERSAVER)-18H [SOLAR HYBRID]	WSI-COATEC (SUPERSAVER) -24H [UV]
Function		Cooling	Cooling	Cooling	Cooling	Cooling
BTU/hr		12000	12000	18000	18000	24000
Cooling Capacity (W)		3517	3517	5275	5275	7034
Rated Input Power (W)		890	925	1240	1240	1900
EER(W/W)		3.95	3.80	4.25	4.25	3.7
Power Supply	Phase/ AC voltage (V) /frequency (Hz)/ current (A)	Single/230/50/3.93	Single/230/50/4.1	Single/230/50/5.45	Single/230/50/5.45	Single/230/50/8.51
	Phase/ DC voltage range (V)	---	48V to 400V [Hybrid] 120V to 400V [Off-Grid]*	---	48V to 400V [Hybrid] 120V to 400V [Off-Grid]*	—
Air Circulation (m³/h)		570	550	900	900	970
Compressor Type		Rotary (Inverter)	Rotary (Inverter)	Rotary (Inverter)	Rotary (Inverter)	Rotary (Inverter)
Refrigerant Type		R-32	R-32	R-32	R-32	R-32
Refrigerant Amount (kg)		0.40	0.44	0.61	0.61	0.66
Operating Range (Ambient Temperature)		20°C to 52°C	20°C to 52°C	20°C to 52°C	20°C to 52°C	20°C to 52°C
Evaporator Fin Type		Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin
Condenser Type		Microchannel Condenser	Microchannel Condenser	Microchannel Condenser	Microchannel Condenser	Microchannel Condenser
Condenser Fin Type		Wave Fin	Wave Fin	Wave Fin	Wave Fin	Wave Fin
Maximum Pipe Length		10m	10m	10m	10m	15m
Turbo Mode (Maximum Cooling)		Yes	Yes	Yes	Yes	Yes
ECO Mode (Power Saving)		Yes	Yes	Yes	Yes	Yes
Auto Operation		Yes	Yes	Yes	Yes	Yes
Dry Mode		Yes	Yes	Yes	Yes	Yes
Fan Mode		Yes	Yes	Yes	Yes	Yes
Speed Setting		Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)
Auto Restart		Yes	Yes	Yes	Yes	Yes
Comfort Cooling		Yes	Yes	Yes	Yes	Yes
Timer		Yes	Yes	Yes	Yes	Yes
Sleep		Yes	Yes	Yes	Yes	Yes
Auto Up-Down Swing		Yes	Yes	Yes	Yes	Yes
Auto Left-Right Swing		Yes	Yes	Yes	Yes	Yes
Remote Display Type		LCD	LCD	LCD	LCD	LCD
Operation/Control		Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)
Child Lock		Yes	Yes	Yes	Yes	Yes
Temperature Unit Change (°C to °F)		Yes	Yes	Yes	Yes	Yes
Indoor (mm) [LxWxH]		854 x 296 x 216	854 x 296 x 216	942 x 321 x 238	942 x 321 x 238	1109 x 329 x 243
Outdoor (mm) [LxWxH]		770 x 300 x 545	844 x 310 x 546	844 x 371 x 701	942 x 371 x 701	942 x 371 x 701
Net Weight (Indoor) (Kg)		10.4 ± 0.5	10.4 ± 0.5	12.5 ± 0.5	12.5 ± 0.5	16 ± 0.5
Gross Weight (Indoor) (Kg)		12.2 ± 0.5	12.2 ± 0.5	15 ± 0.5	15 ± 0.5	19 ± 0.5
Net Weight (Outdoor) (Kg)		19.84 ± 1.0	25.5 ± 1.0	36.5 ± 1.0	41.5 ± 1.0	36 ± 1.0
Gross Weight (Outdoor) (Kg)		23.2 ± 1.0	29.5 ± 1.0	42 ± 1.0	46.5 ± 1.0	41 ± 1.0

*For Off-Grid operation, DC power source must deliver the full power to operate the AC

Digital Display AC

12K | 18K | 24K

Experience Every Detail

6 STAR RATING

Integrated 5 inch Color TFT Display

Outdoor Temp. 35°C
12:45 PM
Mon, Feb 12
25.0°C
Run Power 0.68 kW
Cool Mode
Low Speed   HEALTH
Yesterday's 6.05 kWh

DC Inverter Solution

Data Monitoring

AC Running Data & Performance Monitoring

PreciSense Technology

ECO FRIENDLY

R32 Refrigerant

4D Airflow

3 in 1 Convertible Technology

Frost Clean

Wide Voltage Range

Air Plasma Technology

Wide Temperature Range

Energy Efficient

Display Hiding

Kids Mode

* Some unique features are available based on model.

DIGITAL DISPLAY AC

Technical Specification

Technical Specification	WSI-ACC(DIGITAL DISPLAY)-12C [EXTREME SAVER]	WSI-ACC(DIGITAL DISPLAY)-18H	WSI-ACC(DIGITAL DISPLAY)-24H
Function	Cooling	Cooling	Cooling
BTU/hr	12403	18000	24000
Cooling Capacity (W)	3635	5275	7034
Rated Input Power (W)	690	1240	1900
EER(W/W)	5.25	4.25	3.7
Power Supply (phase/voltage (V) /frequency (Hz) /current (A))	Single/230/50/3.15	Single/230/50/5.45	Single/230/50/8.51
Air Circulation (m³/h)	800	900	970
Compressor Type	Rotary (Inverter)	Rotary (Inverter)	Rotary (Inverter)
Refrigerant Type	R-32	R-32	R-32
Refrigerant Amount (kg)	0.60	0.61	0.66
Operating Range (Ambient Temperature)	20°C to 52°C	20°C to 52°C	20°C to 52°C
Evaporator Fin Type	Louvered Fin	Louvered Fin	Louvered Fin
Condenser Type	Microchannel Condenser	Microchannel Condenser	Microchannel Condenser
Condenser Fin Type	Wave Fin	Wave Fin	Wave Fin
Maximum Pipe Length	10m	10m	15m
Turbo Mode (Maximum Cooling)	Yes	Yes	Yes
ECO Mode (Power Saving)	Yes	Yes	Yes
Auto Operation	Yes	Yes	Yes
Dry Mode	Yes	Yes	Yes
Fan Mode	Yes	Yes	Yes
Speed Setting	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)
Auto Restart	Yes	Yes	Yes
Comfort Cooling	Yes	Yes	Yes
Timer	Yes	Yes	Yes
Sleep	Yes	Yes	Yes
Auto Up-Down Swing	Yes	Yes	Yes
Auto Left-Right Swing	Yes	Yes	Yes
Remote Display Type	LCD	LCD	LCD
Operation/Control	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)
Child Lock	Yes	Yes	Yes
Temperature Unit Change (°C to °F)	Yes	Yes	Yes
Indoor (mm) [LxWxH]	1093 x 329 x 247	942 x 321 x 238	1093 x 329 x 247
Outdoor (mm) [LxWxH]	865 x 370 x 687	942 x 371 x 701	942 x 371 x 701
Net Weight (Indoor) (Kg)	16 ± 0.5	13 ± 0.5	16 ± 0.5
Gross Weight (Indoor) (Kg)	19 ± 0.5	15.5 ± 0.5	19 ± 0.5
Net Weight (Outdoor) (Kg)	33.5 ± 1.0	36.5 ± 1.0	36 ± 1.0
Gross Weight (Outdoor) (Kg)	38.5 ± 1.0	42 ± 1.0	41 ± 1.0

Oceanus Series

12K | 18K | 24K

UV Care

Offline Voice Control

Frost Clean

Turbo Cool

ECO FRIENDLY
R32 Refrigerant

4D Airflow

Intelligent Inverter Technology

Wide Voltage Range

Wide Temperature Range

Energy Efficient

Kids Mode

Sleep Mode

25.5°C
PreciSense Technology

Display Hiding

Silent Mode

* Some unique features are available based on model.
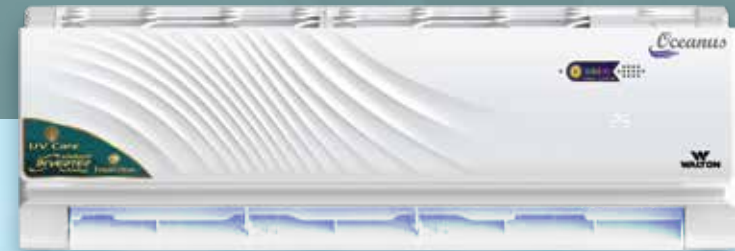
Control your AC with **Voice Command**

Hello

Hello **Walton**

Technical Specification

Technical Specification	WSI-OCEANUS (VOICE CONTROL) -12J [UV CARE]	WSI- OCEANUS (VOICE CONTROL) -18M [UV CARE]	WSI-OCEANUS (VOICE CONTROL) -24H [UV CARE]
Function	Cooling	Cooling	Cooling
BTU/hr	12000	18000	24000
Cooling Capacity (W)	3517	5275	7034
Rated Input Power (W)	1065	1530	2085
EER(W/W)	3.30	3.45	3.37
Power Supply (phase/voltage (V) /frequency (Hz) /current (A))	Single/230/50/4.75	Single/230/50/6.66	Single/230/50/9.15
Air Circulation (m³/h)	570	900	970
Compressor Type	Rotary (Inverter)	Rotary (Inverter)	Rotary (Inverter)
Refrigerant Type	R-32	R-32	R-32
Refrigerant Amount (kg)	0.41	0.64	0.69
Operating Range (Ambient Temperature)	20°C to 52°C	20°C to 52°C	20°C to 52°C
Evaporator Fin Type	Louvered Fin	Louvered Fin	Louvered Fin
Condenser Type	Copper Tube Condenser	Copper Tube Condenser	Copper Tube Condenser
Condenser Fin Type	Louvered Fin	Louvered Fin	Louvered Fin
Maximum Pipe Length	10m	10m	15m
Turbo Mode (Maximum Cooling)	Yes	Yes	Yes
ECO Mode (Power Saving)	Yes	Yes	Yes
Auto Operation	Yes	Yes	Yes
Dry Mode	Yes	Yes	Yes
Fan Mode	Yes	Yes	Yes
Speed Setting	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)
Auto Restart	Yes	Yes	Yes
Comfort Cooling	Yes	Yes	Yes
Timer	Yes	Yes	Yes
Sleep	Yes	Yes	Yes
Auto Up-Down Swing	Yes	Yes	Yes
Auto Left-Right Swing	Yes	Yes	Yes
Remote Display Type	LCD	LCD	LCD
Operation/Control	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)
Child Lock	Yes	Yes	Yes
Temperature Unit Change (°C to °F)	Yes	Yes	Yes
Indoor (mm) [LxWxH]	854 x 296 x 216	942 x 321 x 238	1109 x 329 x 242
Outdoor (mm) [LxWxH]	770 x 300 x 545	844 x 310 x 546	942 x 371 x 701
Net Weight (Indoor) (Kg)	10.4 ± 0.5	12.5 ± 0.5	16 ± 0.5
Gross Weight (Indoor) (Kg)	12.2 ± 0.5	15 ± 0.5	19 ± 0.5
Net Weight (Outdoor) (Kg)	19.6 ± 1.0	25 ± 1.0	35 ± 1.0
Gross Weight (Outdoor) (Kg)	22.8 ± 1.0	29.5 ± 1.0	41 ± 1.0

Avian Series

12K | 18K | 24K

Mode Display

PreciSense Technology

Energy Efficient

Sleep Mode

R32 Refrigerant

4D Airflow

Intelligent Inverter Technology

Air Plasma Technology

Wide Temperature Range

Wide Voltage Range

Kids Mode

Turbo Cool

Silent Mode

Display Hiding

Frost Clean

* Some unique features are available based on model.

Seamless Cooling Experience with
Capsule Mode Display

AVIAN SERIES
Technical Specification

Technical Specification	WSI-AVIAN (SUPERSAVER)-12J		WSI-AVIAN (SUPERSAVER)-18H		WSI-AVIAN (SUPERSAVER)-24H	
	[PLASMA]	[SMART PLASMA]	[PLASMA]	[SMART PLASMA]	[PLASMA]	[SMART PLASMA]
Function	Cooling		Cooling		Cooling	
BTU/hr	12000		18000		24000	
Cooling Capacity (W)	3517		5275		7034	
Rated Input Power (W)	890		1240		1900	
EER(W/W)	3.95		4.25		3.70	
Power Supply (phase/voltage (V) /frequency (Hz) /current (A))	Single/230/50/3.93		Single/230/50/5.45		Single/230/50/8.51	
Air Circulation (m³/h)	570		900		970	
Compressor Type	Rotary (Inverter)		Rotary (Inverter)		Rotary (Inverter)	
Refrigerant Type	R-32		R-32		R-32	
Refrigerant Amount (kg)	0.40		0.61		0.66	
Operating Range (Ambient Temperature)	20°C to 52°C		20°C to 52°C		20°C to 52°C	
Evaporator Fin Type	Louvered Fin		Louvered Fin		Louvered Fin	
Condenser Type	Microchannel Condenser		Microchannel Condenser		Microchannel Condenser	
Condenser Fin Type	Wave Fin		Wave Fin		Wave Fin	
Maximum Pipe Length	10m		10m		15m	
Turbo Mode (Maximum Cooling)	Yes		Yes		Yes	
ECO Mode (Power Saving)	Yes		Yes		Yes	
Auto Operation	Yes		Yes		Yes	
Dry Mode	Yes		Yes		Yes	
Fan Mode	Yes		Yes		Yes	
Speed Setting	Yes (Auto, High, Medium, Low)		Yes (Auto, High, Medium, Low)		Yes (Auto, High, Medium, Low)	
Auto Restart	Yes		Yes		Yes	
Comfort Cooling	Yes		Yes		Yes	
Timer	Yes		Yes		Yes	
Sleep	Yes		Yes		Yes	
Auto Up-Down Swing	Yes		Yes		Yes	
Auto Left-Right Swing	Yes		Yes		Yes	
Remote Display Type	LCD		LCD		LCD	
Operation/Control	Via IR (Infrared Ray)		Via IR (Infrared Ray)		Via IR (Infrared Ray)	
Child Lock	Yes		Yes		Yes	
Temperature Unit Change (°C to °F)	Yes		Yes		Yes	
Indoor (mm) [LxWxH]	844 x 296 x 210		942 x 321 x 238		1094 x 329 x 238	
Outdoor (mm) [LxWxH]	770 x 300 x 545		942 x 371 x 701		942 x 371 x 701	
Net Weight (Indoor) (Kg)	10.4 ± 0.5		12.5 ± 0.5		16 ± 0.5	
Gross Weight (Indoor) (Kg)	12.2 ± 0.5		15 ± 0.5		19 ± 0.5	
Net Weight (Outdoor) (Kg)	19.84 ± 1.0		36.5 ± 1.0		36 ± 1.0	
Gross Weight (Outdoor) (Kg)	23.2 ± 1.0		41.5 ± 1.0		41 ± 1.0	

Krystaline Series

12K | 18K | 24K | 30K

Bluetooth Control

Air Plasma Technology

Remote Finder

Refrigerant Leak Detector

R32 & R290 Refrigerant

ECO FRIENDLY

3 in 1 Convertible Technology

Wide Temperature Range

Turbo Cool

Intelligent Inverter Technology

Smart App IoT

4D Airflow

Smart Control

Energy Efficient

Wide Voltage Range

Sleep Mode
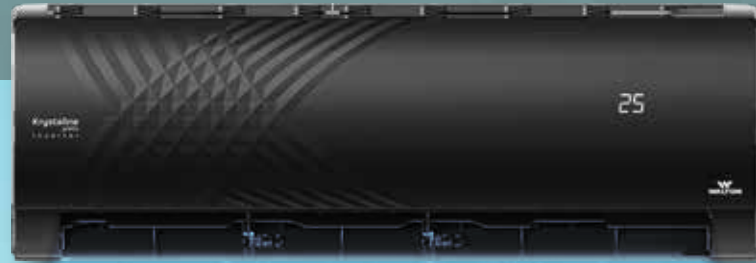
* Some unique features are available based on model.

Technical Specification	WSI-KRYSTALINE-12J [PLASMA] [SMART PLASMA]	WSI-KRYSTALINE (ecOzone)-12F	WSN-KRYSTALINE-12J	WSI-KRYSTALINE (PRETO)-18M [BLUETOOTH] [REMOTE FINDER]	WSI-KRYSTALINE-18M [PLASMA] [SMART PLASMA]	WSI-KRYSTALINE (ecOzone)-18H	WSN-KRYSTALINE-18M	WSI-KRYSTALINE-24H [PLASMA] [SMART PLASMA]	WSN-KRYSTALINE-24H	WSI-KRYSTALINE-30C	WSN-KRYSTALINE-30H
Function	Cooling	Cooling	Cooling	Cooling	Cooling	Cooling	Cooling	Cooling	Cooling	Cooling	Cooling
BTU/hr	12000	12000	12000	18000	18000	18000	18000	24000	24000	30000	30000
Cooling Capacity (W)	3517	3517	3517	5275	5275	5275	5275	7034	7034	8792	8792
Rated Input Power (W)	1065	1070	1160	1530	1530	1360	1800	2085	2260	3100	3200
EER(W/W)	3.3	3.29	3.03	3.45	3.45	3.88	2.93	3.37	3.11	2.83	2.75
Power Supply (phase/voltage (V)/frequency (Hz) /current (A))	Single/230/50/4.75	Single/230/50/4.76	Single/230/50/5.1	Single/230/50/6.66	Single/230/50/6.66	Single/230/50/5.92	Single/230/50/8.0	Single/230/50/9.15	Single/230/50/9.92	Single/230/50/12.84	Single/230/50/15.63
Air Circulation (m³/h)	570	510	570	900	900	900	870	970	970	1100	1100
Compressor Type	Rotary (Inverter)	Rotary (Inverter)	Rotary (Fixed Speed)	Rotary (Inverter)	Rotary (Inverter)	Rotary (Inverter)	Rotary (Fixed Speed)	Rotary (Inverter)	Rotary (Fixed Speed)	Dual Rotary (Inverter)	Rotary (Fixed Speed)
Refrigerant Type	R-32	R-290	R-32	R-32	R-32	R-290	R-32	R-32	R-32	R-410a	R-410a
Refrigerant Amount (kg)	0.41	0.21	0.43	0.64	0.64	0.30	0.67	0.69	1.06	1.48	1.2
Operating Range (Ambient Temperature)	20°C to 52°C	20°C to 52°C	20°C to 46°C	20°C to 52°C	20°C to 52°C	20°C to 52°C	20°C to 46°C	20°C to 52°C	20°C to 46°C	20°C to 52°C	20°C to 46°C
Evaporator Fin Type	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin
Condenser Type	Copper Tube Condenser	Microchannel Condenser	Copper Tube Condenser	Copper Tube Condenser	Copper Tube Condenser	Microchannel Condenser	Copper Tube Condenser	Copper Tube Condenser	Copper Tube Condenser	Copper Tube Condenser	Copper Tube Condenser
Condenser Fin Type	Louvered Fin	Wave Fin	Louvered Fin	Louvered Fin	Louvered Fin	Wave Fin	Louvered Fin	Louvered Fin	Louvered Fin	Slit Fin	Louvered Fin
Maximum Pipe Length	10m	6m	10m	10m	10m	6.65m	10m	15m	15m	15m	15m
Turbo Mode (Maximum Cooling)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ECO Mode (Power Saving)	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	Yes	No
Auto Operation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dry Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fan Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Speed Setting	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)
Auto Restart	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Comfort Cooling	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Timer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sleep	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Up-Down Swing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Left-Right Swing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote Display Type	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD
Operation/Control	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)
Child Lock	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Unit Change (°C to °F)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Indoor (mm) [LxWxH]	844 x 296 x 210	844 x 296 x 210	844 x 296 x 210	947 x 321 x 235	947 x 321 x 235	942 x 321 x 238	947 x 321 x 235	1094 x 329 x 242	1094 x 329 x 242	1094 x 329 x 242	1094 x 329 x 242
Outdoor (mm) [LxWxH]	770 x 300 x 545	844 x 310 x 546	770 x 300 x 545	844 x 310 x 546	844 x 310 x 546	942 x 371 x 701	844 x 310 x 546	942 x 371 x 701	942 x 371 x 701	865 x 370 x 687	942 x 371 x 701
Net Weight (Indoor) (Kg)	10.4 ± 0.5	10.7 ± 0.5	10.1 ± 0.5	12.5 ± 0.5	12.5 ± 0.5	12.5 ± 0.5	12.5 ± 0.5	16 ± 0.5	16 ± 0.5	16 ± 0.5	16 ± 0.5
Gross Weight (Indoor) (Kg)	12.2 ± 0.5	12.85 ± 0.5	12.8 ± 0.5	15 ± 0.5	15 ± 0.5	15 ± 0.5	15 ± 0.5	19 ± 0.5	19 ± 0.5	19 ± 0.5	19 ± 0.5
Net Weight (Outdoor) (Kg)	19.6 ± 1.0	25.9 ± 1.0	24.2 ± 1.0	25 ± 1.0	25 ± 1.0	35.5 ± 1.0	33 ± 1.0	35 ± 1.0	47 ± 1.0	44 ± 1.0	53 ± 1.0
Gross Weight (Outdoor) (Kg)	22.8 ± 1.0	29.9 ± 1.0	27.5 ± 1.0	29.5 ± 1.0	29.5 ± 1.0	40.5 ± 1.0	37 ± 1.0	41 ± 1.0	52 ± 1.0	50 ± 1.0	60 ± 1.0

Hot & Cool Series

12K | 18K | 24K

Mode	Energy Efficient	Turbo Cool
Wide Temperature Range	R32 & R290 Refrigerant	Wide Voltage Range
Smart App IoT	Intelligent Inverter Technology	Built-in Surge Protection
Sleep Mode	4D Airflow	Kids Mode
Ionizer	PreciSense Technology	Display Hiding

* Some unique features are available based on model.

HOT&COOL
AIR CONDITIONER

Stay comfortable in any season

HOT & COOL SERIES

Technical Specification

Technical Specification		WSI-KRYSTALINE-12JH	WSN-KRYSTALINE-12MH	WSN-KRYSTALINE-18MH	WSN-KRYSTALINE-24HH
Function		Heating & Cooling	Heating & Cooling	Heating & Cooling	Heating & Cooling
BTU/hr		12000	12000	18000	24000
Rated Voltage		230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Cooling	Rated Current (A)	5.05	5.35	7.93	9.33
	Rated Capacity (W)	3517	3517	5275	7034
	Rated Input Power (W)	1130	1210	1825	2130
	EER	3.11	2.91	2.89	3.3
	Operating Range (Ambient Temperature)	20°C to 52°C	20°C to 46°C	20°C to 46°C	20°C to 46°C
Heating	Rated Current (A)	4.1	4.8	6.8	8.6
	Rated Capacity (W)	3517	3517	5275	7034
	Rated Input Power (W)	935	1085	1600	1980
	COP	3.8	3.24	3.3	3.55
	Operating Range (Ambient Temperature)	−7°C to 24°C	−7°C to 24°C	−7°C to 24°C	−7°C to 24°C
Air Circulation (m³/h)		570	560	900	1070
Compressor Type		Rotary (Variable Speed)	Rotary (Fixed Speed)	Rotary (Fixed Speed)	Rotary (Fixed Speed)
Refrigerant Type		R-32	R-32	R-32	R-32
Refrigerant Amount (kg)		0.54	0.65	0.85	1.5
Evaporator Fin Type		Louvered Fin	Louvered Fin	Louvered Fin	Louvered Fin
Condenser Type		Copper Tube Condenser	Copper Tube Condenser	Copper Tube Condenser	Copper Tube Condenser
Condenser Fin Type		Slit Fin	Slit Fin	Slit Fin	Slit Fin
Maximum Pipe Length		10m	10m	10m	15m
Turbo Mode (Maximum Cooling)		Yes	Yes	Yes	Yes
ECO Mode (Power Saving)		Yes	No	No	No
Auto Operation		Yes	Yes	Yes	Yes
Dry Mode		Yes	Yes	Yes	Yes
Fan Mode		Yes	Yes	Yes	Yes
Speed Setting		Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)	Yes (Auto, High, Medium, Low)
Auto Restart		Yes	Yes	Yes	Yes
Timer		Yes	Yes	Yes	Yes
Sleep		Yes	Yes	Yes	Yes
Auto Up-Down Swing		Yes	Yes	Yes	Yes
Auto Left-Right Swing		Yes	Yes	Yes	Yes
Remote Display Type		LCD	LCD	LCD	LCD
Operation/Control		Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)	Via IR (Infrared Ray)
Child Lock		Yes	Yes	Yes	Yes
Temperature Unit Change (°C to °F)		Yes	Yes	Yes	Yes
Indoor (mm) [LxWxH]		844 x 296 x 210	844 x 296 x 210	942 x 321 x 238	1094 x 329 x 242
Outdoor (mm) [LxWxH]		770 x 300 x 545	844 x 310 x 546	844 x 310 x 546	942 x 371 x 701
Net Weight (Indoor) (Kg)		10.7 ± 0.5	11 ± 0.5	12.5 ± 0.5	16 ± 0.5
Gross Weight (Indoor) (Kg)		12.85 ± 0.5	13 ± 0.5	15 ± 0.5	19 ± 0.5
Net Weight (Outdoor) (Kg)		25 ± 1.0	28 ± 1.0	34.9 ± 1.0	49 ± 1.0
Gross Weight (Outdoor) (Kg)		29 ± 1.0	32 ± 1.0	39.5 ± 1.0	54 ± 1.0
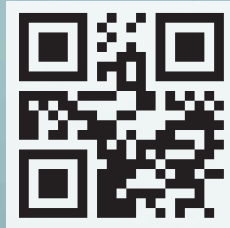
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Walton Hi-Tech Industries PLC.

Headquarters and R&I Center
Chandra, Kaliakoir, Gazipur, Bangladesh
Email: hq@waltonplc.com

Corporate Office
Plot # 1088, Block # I, Road # Sabrina Sobhan 5th Avenue
Bashundhara R/A, Vatara, Dhaka-1229, Bangladesh
Tel: +880 9606-555 555, Fax: +880 9606-555 550
Email: global@waltonplc.com; info@waltonplc.com

waltonbd.com

South Korea Office (R&I Global)
361 Dakkum Business Center, 3rd Floor, 7-3 Gwanggyojungeng-ro,
248 beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do,
Republic of Korea

China Office
Coastal Time Apartment, Shennan Avenue 12069, Shenzhen

India Office
Imagine Techpark, 20th Floor, Unit-5B, DP Block, Salt Lake,
Sector-V, Kolkata 700091