
ION
CLIMATE
OF THE FUTURE

We develop innovative solutions that make a significant contribution to the environment.

The goal of our work is innovative development in the field of technologies, solutions, useful models, inventions and their further implementation in the field of refrigeration equipment.

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We have a team of authors with more than 20 years of experience in achieving knowledge in the field of HAVAC, which are united in solving the problems of finding new and improving existing technologies in the field of refrigeration systems. The team works harmoniously to solve complex technical tasks.

We have developed a device that helps to eliminate dripping condensate, save electricity consumption when using climate systems, and allows you to reduce the risks of overloading.

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Problem that we address

Today we cannot imagine a house without an air conditioner. But there are some difficulties we may face:

- When the air conditioner is in cooling mode, intense condensation forms.

- In many countries, it is forbidden to drain condensate directly from the air conditioner, as water drips on passers-by, on the facade and canopies of shops during the operation of the air conditioner.

- When the air conditioner operates in a hot environment, the cooling capacity decreases. In addition, it consumes more electricity.

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Solution
APR-3000 Condensate Evaporator

We reduce electricity consumption by climate systems by up to 15%. We also solve the problem of condensation, which usually destroys facades, which entails the need for premature repair of buildings, as well as the use of resources.

- evaporate the condensate
- we reduce the use of energy
- reduce the use of any other resources
- we use the principles of circular economy

Our team spent many hours testing the product together in a real environment. We have analyzed the energy consumption of many climate systems before and after the installation of our product. All tests have proven that our product reduces electricity consumption and eliminates condensation.

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Features of our device:

Concerns about the environment.

Saves the electricity consumption of the air conditioner.

US

Safe thanks to the use of ultrasound.

Works together with air conditioner.

Effective evaporation up to 5 liters per hour.

Evaporator cleaning itself.

Suitable for any air conditioners.

Consumption of 0.05 kW for 1 hour.

2

Double reliability.

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Client Group

Private Users

Commercial Users

HVAC System Maintenance Companies

Manufacturers Of HVAC Systems

United Technologies

Haier

Johnson Controls HITACHI Inspire the Next

LG

DAIKIN

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Competition: Dissipator is direct competitor.

Evaporator market is diverse and is represented by manufacturers, mostly targeted at industrial B2B, B2G clients with a wide range of freezers and cooling appliances. Apart from the cheaper alternatives with worse quality from China, there are such brands as: Rittal (Germany), DBK (USA), BriskHeat (USA), Hammond Manufacturing (Canada), Ice Cube (USA), **Utersa**, **EURODIFROID ECO 07**, **Hisense Inverter Expert Dissipator, OLMO DIS23V1**.

Such a number of competitors means that the product is needed on the market, so we take into account the experience of other companies in order to successfully meet the needs of consumers. A detailed review of competitors by product attributes is provided in the "**Comparison**" table.

Since the main goal of our company is to create energy-efficient green technology, the **APR-3000** evaporator is better than the available alternatives due to its lower energy consumption, intelligent automatic operation, convenient design and ergonomics.

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Comparison Evaporators





	APR-3000	Hisense Inverter Expert Dissipator	EURODIFROID ECO 07	Utersa	OLMO DIS23V1
Evaporation method	**Ultra sound**	Electrolysis	Electrolysis	Electrolysis	Electrolysis
Fastening method	**on the radiator of the outdoor unit**	on the wall	on the wall	on the wall	on the wall
*Productivity **L/h***	**2,5 - 5**	up to 1,5	up to 1,5	up to 1,5	2,8
*Used with air conditioners **BTU***	**3 000 – 30 000**	7 000 – 12 000	7000 – 12 000	7 000 – 12 000	7 000 – 12 000
*Electric power, **W***	**0,05**	0,8 – 2,8	0,8 – 2,8	0,8 – 2,8	0,36-2,2
*Input voltage, **V***	**24**	220	220	220	220
*Weight, **kg***	**0,68**	0,56	0,56	0,56	0,56
*Dimensions, **cm***	**35 x 17 x 13,5**	17 x 11 x 5,5	17 x 11 x 5,5	17 x 11 x 5,5	21 x 11 x 7
*Price **RRP USD***	**110**	110	110	110	90

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Our Competitive Edge

- reduces electricity consumption
- high evaporation efficiency
- economical consumption electricity
- working on air conditioner power
- suitable for most air conditioners
- safe for the environment
- suitable for most air conditioners
- competitive price

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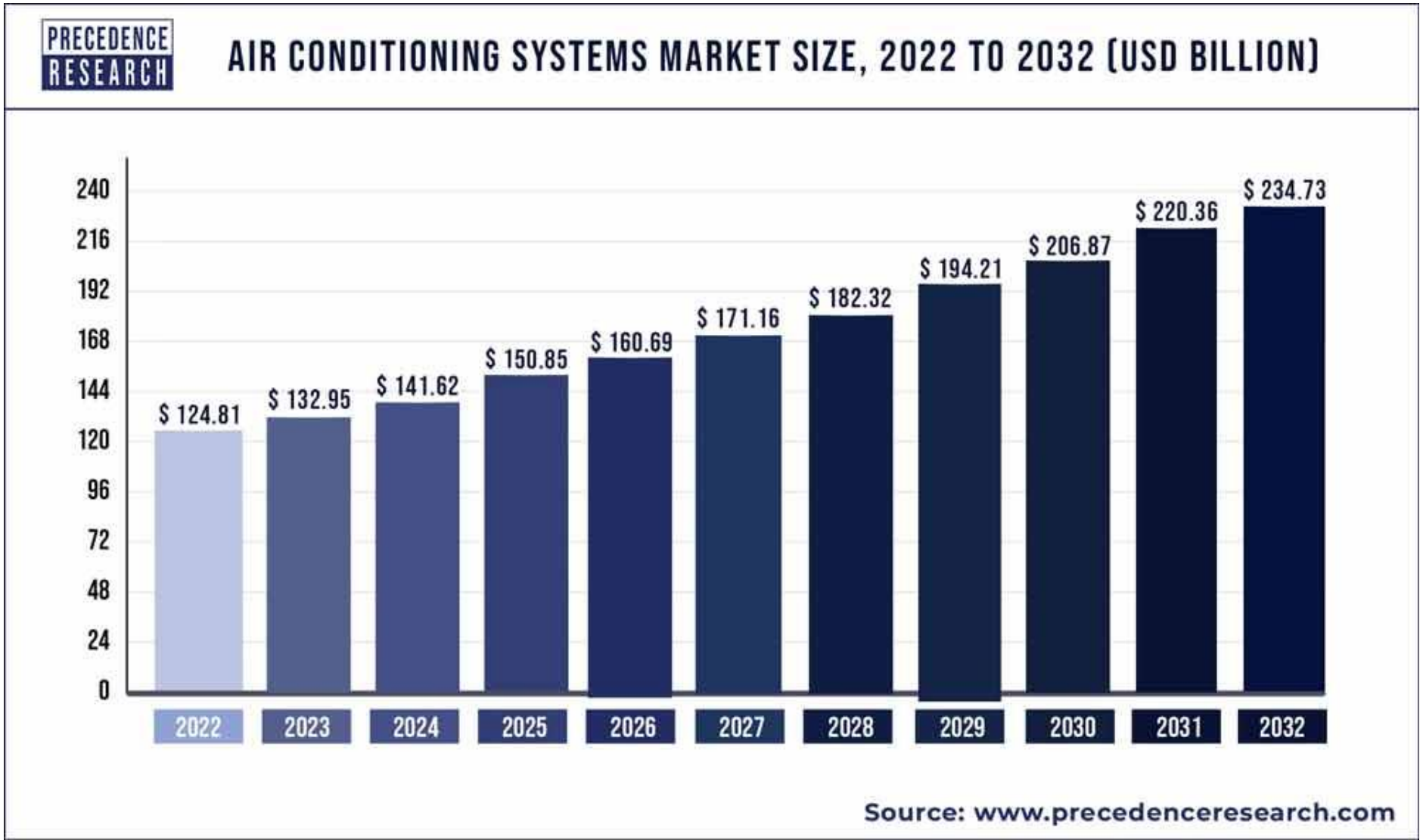
Potential Market Size

The global air conditioning systems market size reached **USD 124.81 billion in 2022** and is projected to hit around **USD 234.73 billion by 2032**, poised to grow at a **CAGR of 6.52%** during the forecast period from 2023 to 2032.



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Potential Market Size

Report Coverage	Details
Market Size in 2023	USD 132.95 Billion
Market Size by 2032	USD 234.73 Billion
Growth Rate from 2023 to 2032	CAGR of 6.52%
Largest Market	Asia Pacific
Base Year	2022
Forecast Period	2023 To 2032
Segments Covered	By Type, By Technology and By Application
Regions Covered	North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa

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Potential Market Size

Regional scope	North America; Europe; Asia-Pacific; Latin America; Middle East & Africa
Country scope	U.S., Canada, Mexico, Germany, U.K., France, Spain, BENELUX, Rest of Europe, China, India, Japan, South Korea, Rest of APAC, Brazil, Rest of LATAM, Saudi Arabia, UAE, Israel, and Rest of MEA
Key companies profiled	Daikin Industries, Ltd., Emerson Electric Co., Midea Group, Johnson Controls–Hitachi Air Conditioning, Carrier, LG Electronics, Panasonic Holdings Corporation, Toshiba Corporation, Haier Group, Samsung, and Mitsubishi Electric Corporation

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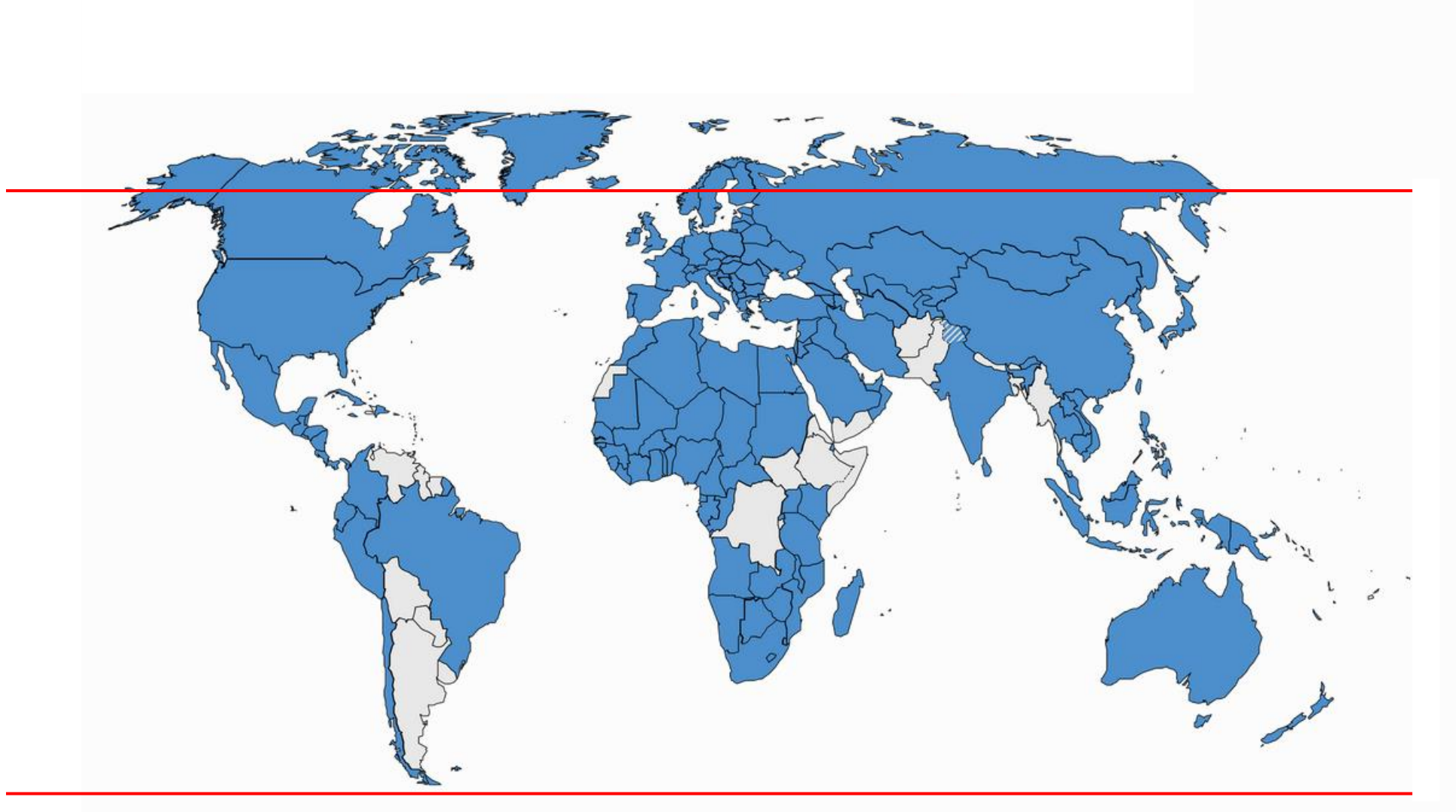
Potential Market Location



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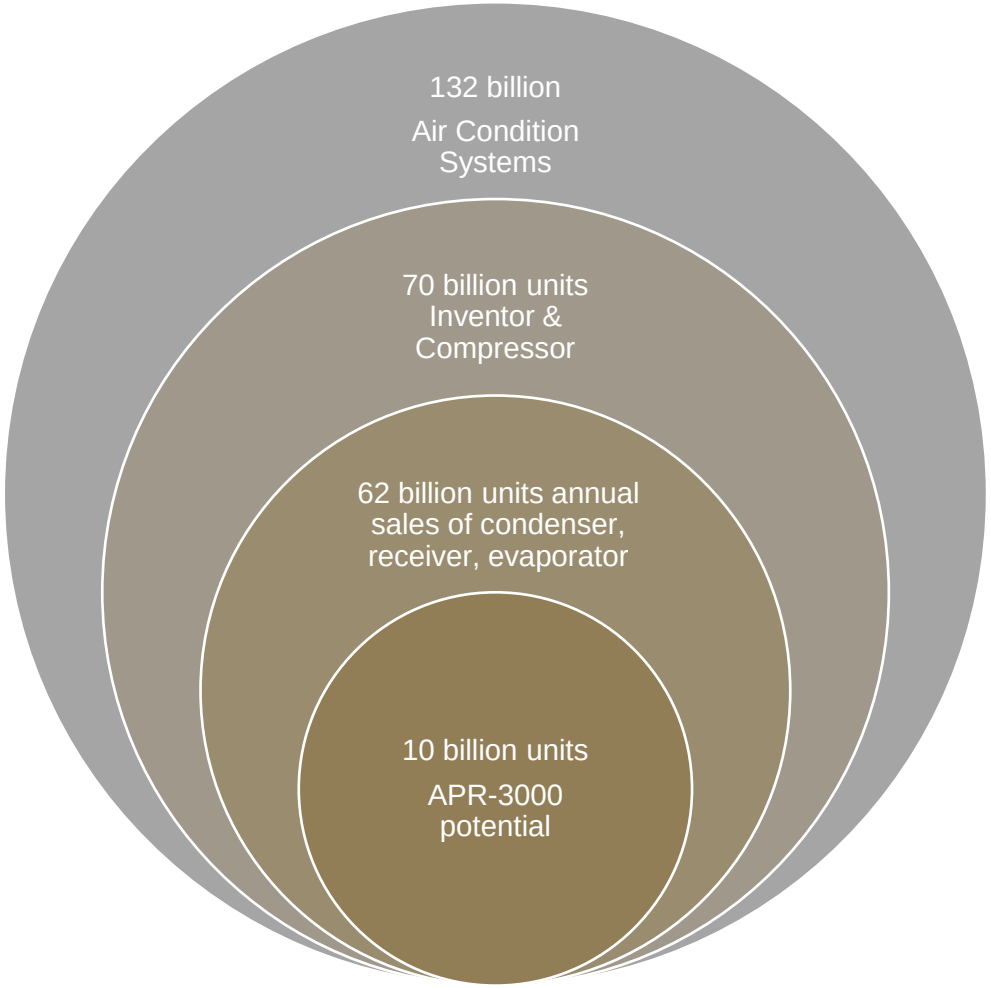
2024 potential market size for APR-3000



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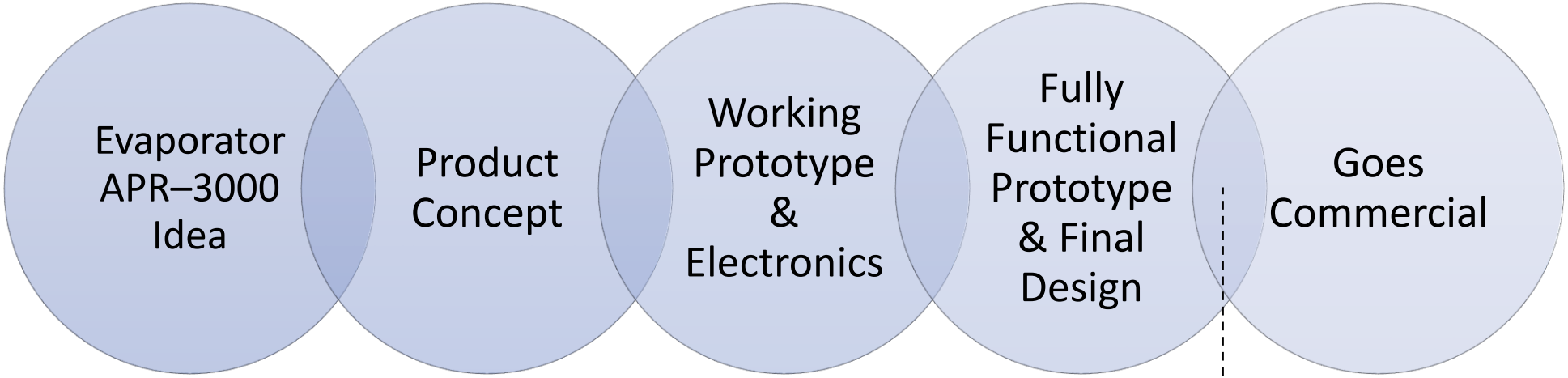
Product Development Status



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Business model

We are selling the device + an offer on the website

B2B sales
Price $80
55% of sales

+ an offer on the website & Social Media

B2G sales
Price $80
30% of sales

+ an offer on the website & Social Media

B2C sales
Price RRP $110
15% of sales

+ an offer on the website & Social Media

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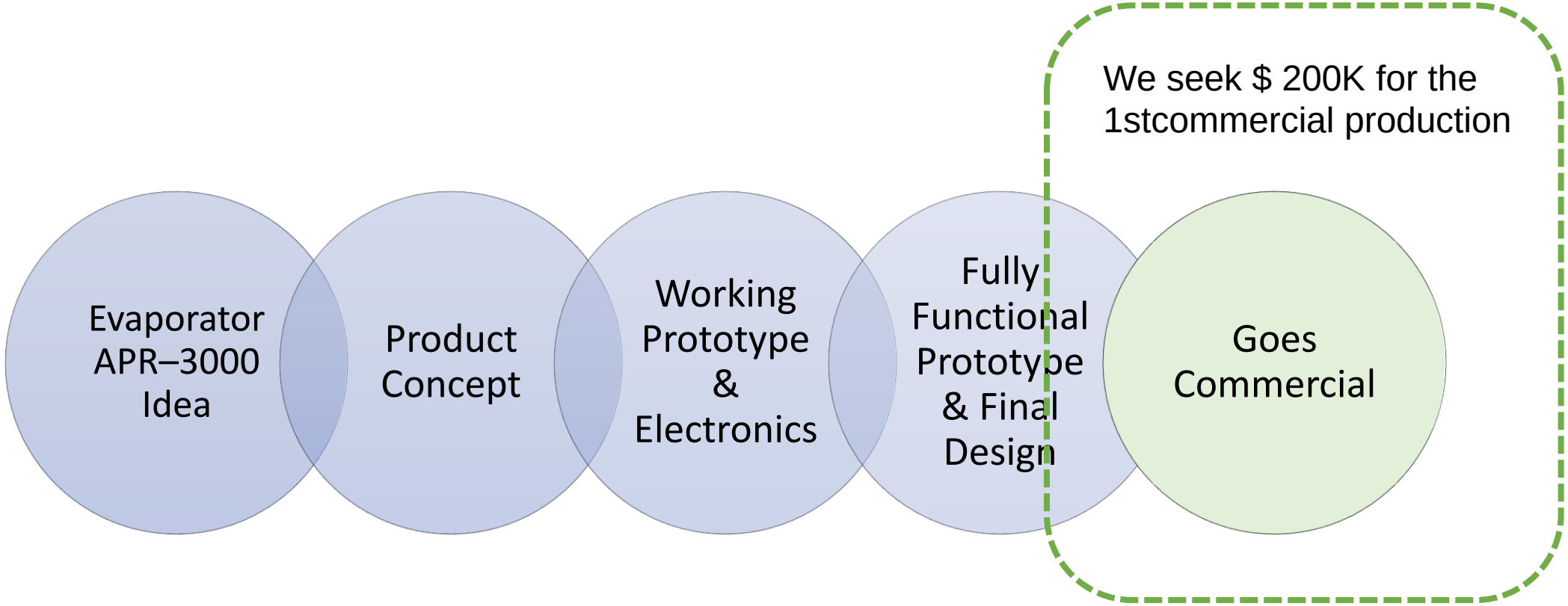
Investments



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Our Team

Artem Krivoruchko

Chief Executive Officer

Vadim Stadnik

Chief Operating Officer
Chief Marketing Officer

Shorop Petro

Engineer is a designer,
Inventor, Developer

Yuriy Bulgak

Equipment engineer

Valery Zakharchenko

Master installer

Oleg Panchenko

Industrial Designer

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Thanks for your attention!

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