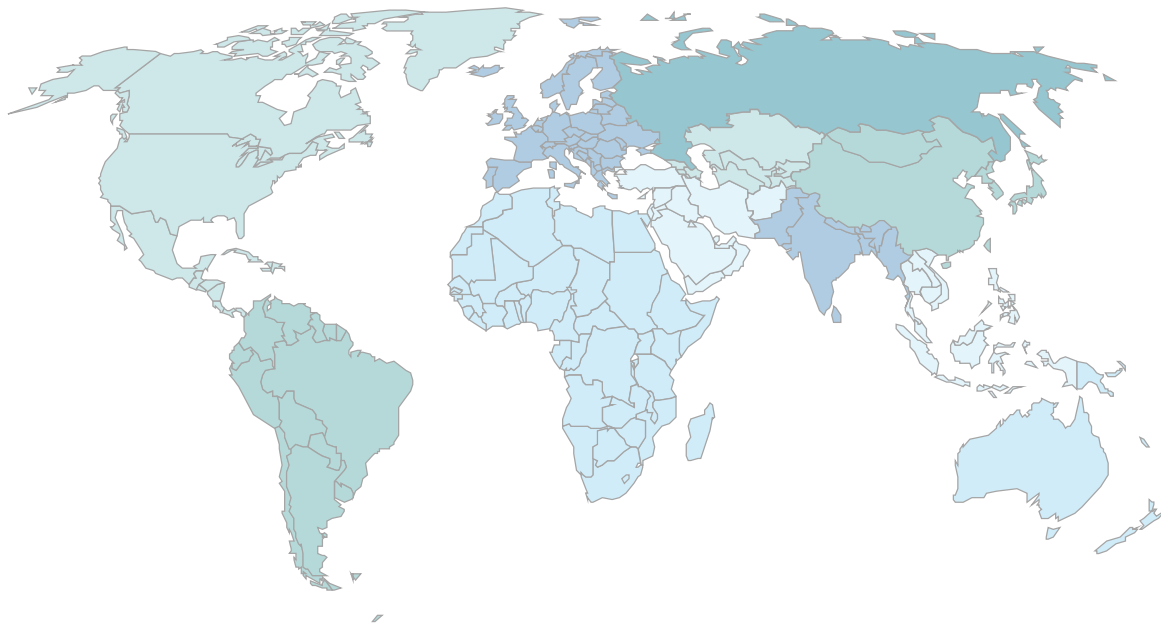


World Water-from-Air Companies & Products Handbook: 2024

Compiled by
Roland V. Wahlgren, Atmoswater Research
Issued 2024-04-05



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**To those passionate about the value of the water-from-air industry
for helping to solve problems of water scarcity.**

The author compiled the information in this *Handbook*. It is reviewed and updated periodically. Comments, criticisms, and suggestions regarding the subject matter for future printings or editions are invited. Any errors or omissions in the contents should be brought to the attention of the author. In no way is the use of trade names intended to imply approval of any particular source or brand name over other similar ones not mentioned in the book. Product, company, or trade names should be presumed to be trademarks or service marks of their respective companies. Tables, figures, and photographs are by the author unless otherwise noted.

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Introduction

The purpose of this handbook is to guide the reader to the companies (manufacturers, distributors, and dealers) actively marketing and selling water-from air systems (atmospheric water generators or AWGs) and their specific products. On the internet you can find websites for about one hundred companies involved in the industry. Of these about forty appear to be ready to sell and deliver their products and are included in this handbook. Some companies market only one product, while others market up to 15 models. Approximately 150 distinct AWG models exist currently. The total count of products listed in this handbook is 215 but this includes duplicates as offered by manufacturers' distributors or dealers.

Getting a grasp on this complex market, whether you are a seller or buyer is a daunting task. This handbook is a time-saving and money-saving tool for everyone needing to understand what products are available and from whom they can be purchased. Maps show the location of each company. Website addresses are given so you can learn more about the companies and products that interest you.

Product information in this handbook was compiled from company websites. Product details were often scattered throughout these websites in text, Frequently Asked Questions sections, videos, manuals, and online brochures. The value of this handbook is that company and product details are organized in a consistent format for ease in finding the data you need. Product photos are included for companies who kindly gave permission to use their photos. These photos are not to scale. Product sizes are give by dimensions and scale drawings. For smaller machines, plan, front elevation, and side elevation views are shown drawn to scale. For larger equipment, isometric dimensioned views are shown drawn to scale. Dimensions are from the product's web-page. A human figure, representing someone 69 inches tall (the average height of a North American male) is shown beside the equipment. If you are interested in a product photo for which I don't have a photo included in this book, simply visit the company's website.

Most of the products listed here use mechanical dehumidifier technology. Exceptions are the desiccant dehumidifier type products by Kara Water, Inc. and SOURCE® Global, PBC.

The final two product entries in this handbook are for standards publications relevant to water-from-air systems that can be purchased from the industry organizations AHAM and ASSE.

In the Appendices we discover 12 products have manuals online, 59 products have prices listed, and 52 products are available to purchase online. For ease of reference the Appendices include a list of *Abbreviations and Acronyms* and a list of *Units and Symbols*.

I trust this handbook proves useful to a wide range of readers. Please contact me at atmoswater@gmail.com about omissions, corrections, additions, deletions, or comments.

Index to Companies

Index Company	Country	Page	No. of Products
1 AeroNero Solutions Private Limited	India	11	5
2 AirDrink	France	27	4
3 Airiver LLC	USA	40	1
4 AirOWater	India	44	7
5 Airqua®	Australia	66	6
6 Airwater™	South Africa	85	1
7 Akvo Atmospheric Water Systems Pvt. Ltd.	India	89	5
8 Altitude Water	USA	100	4
9 Aquaria Technologies Inc.	USA	112	1
10 Arata International FZC	UAE 40272	115	3
11 ATC Co., Ltd.	Korea, 14558	125	2
12 AW International Ltd	Puerto Rico 00920	132	5
13 Clean Water Generator Pvt. Ltd.	India	146	6
14 Dewstand (The Dew Water Corporation)	USA	160	15
15 Drinkable Air México	México	180	3
16 Drinkable Air Technologies	USA	182	3
17 Ecoone Europe s.r.o.	CZ	184	4
18 FreeWater4u	8100 57 Portugal	197	7
19 Fujian Wanjuan Technology Co., Ltd	China	218	15
20 Genaq	Spain	263	7
21 Green Technology Global, Inc.	USA	266	11

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Index Company	Country	Page	No. of Products
22 Hangzhou GTCOOL Intelligent Technology Co.,Ltd.	China	299	7
23 Hendrx (ZHONGLING XINQUAN(FUJIAN) AIR DRINKING WATER TECHNOLOGY CO., LTD.)	China 350314	321	12
24 Hogen Systems, Ltd	UK	358	1
25 Kara Water, Inc.	USA	362	1
26 Maithri Aquatech Pvt Limited	India	366	6
27 Melianess Corporation Ltd	Hong Kong	385	7
28 Russkap Water	USA	407	4
29 SEAS SA	Switzerland	415	8
30 Shenzhen FND Air & Water Technology Development Co., Ltd.	China	417	3
31 Sky River Filters & Purification Devices Trading	UAE	427	2
32 SkyH2O, Inc.	USA	434	1
33 Skywell, LLC	USA	438	2
34 SOURCE® Global, PBC	USA	445	1
35 Sustainable Food & Water Pty Ltd	Australia	448	5
36 Tsunami Products, Inc.	USA	464	2
37 VayuJal Technologies Pvt. Ltd.	India	471	5
38 WAIEA Water Solutions	USA	487	12
39 Water Generating Systems, LLC	USA	524	1
40 Water Technologies International, Inc.	USA	528	9
41 Watergen LTD	Israel	531	5
42 World Environmental Solutions Pty Limited	Australia	547	6
Total water-from-air system products*			215

*Includes duplicates as offered by manufacturer's distributors or dealers

AeroNero Solutions Private Limited

61 mgr road 3rd floor, Kalakshetra colony
Chennai 600090
Tamil Nadu
India

Founded 2019
Website <https://aeronero.life>
Telephone +1 800 102 0663
Email



Photo courtesy of AeroNero Solutions Private Limited. Not scaled.

AeroNero Solutions Private Limited

Product identifier

Nero

Water production

Claimed rate per 24h		10L	2.6gal
Rating conditions	na	na	RH
Standardized rate	na	na	
Standard conditions	na		
Airflow	na		
Air Filter	Multi-barrier		
Fan or blower	na		
Coil	na		
Compressor energy	na		
Compressor refrigerant	R-134a		
Drain pan material	na		
Water tank capacity		7L	1.8gal
Municipal water mode	na		

Water treatment

Water pump	na
Filter array	1 sediment 2 carbon 3 5-stage minerals

Filter replacement notification	na
Ultra-violet disinfection system	optional
Ozone disinfection system	no
Recirculation system	na
Ambient temperature water	na
Chilled water	na
Hot water	na
Hot water child lock option	na
Total water dispensing capacity	na
Immediate capacity	na
Faucets	1
Water dispensing rate	na
Drinking water guidelines	Indian Standard, WHO

Energy Requirements

Power supply	EU: 1 phase, 230 V, 50 Hz; US: split phases, 240 V, 60 Hz
Power for water production	220W
Our estimated energy cost of product water (not chilled or heated)	0.53kWh/L

Operating Considerations

Environmental Conditions	5°C to 38°C	30% to 80% RH
Sound Power Levels	<25 dB(A)	

AeroNero Solutions Private Limited

Product identifier Nero

Physical data

Dimensions (IP); W x D x H (inches)	10.2	14.2	25.6
Dimensions (SI): W x D x H (mm)	260	360	650
Equipment footprint (sq ft)	1.008		
Equipment footprint (sq m)	0.094		
Weight (IP)	29.8lb		
Weight (SI)	13.5kg		

Other information

Warranty	1 year
Materials	ABS body & SS water tank
pH	6.5 to 8.5
Intended use	Residential Auto defrost at low temperatures Auto-on with timer LED display for temperature, RH, and timer Quiet mode - fan has 2 speed settings

na = information not available



Nero.
Product image courtesy of AeroNero Solutions Private Limited. Not scaled.

AeroNero Solutions Private Limited

Product identifier

Nero

