

# ArrowManTechnology Limited.,

Professional Dehumidifiers Solutions – HK GCC ME

## ArrowMan Dehumidifier IDH100c



**ArrowMan**  
Technology  
Limited

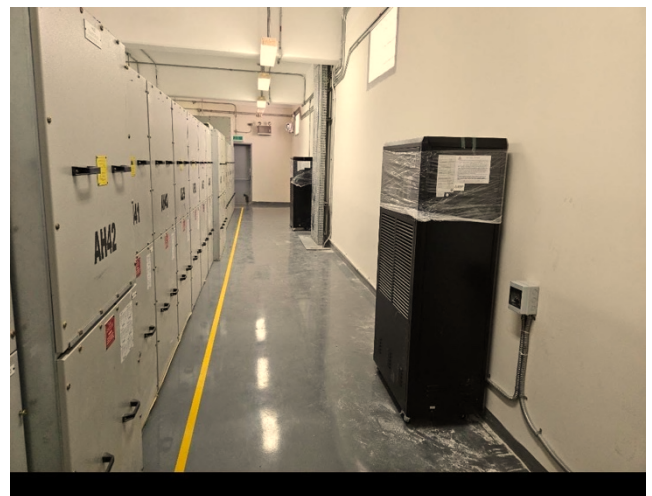


# Company Profile

A leading Hong Kong-based company specializing in the development and research of air treatment, purification, and dehumidification technologies. Established in 2012, we have a proven track record of excellence in dehumidification solutions, leveraging our international team of engineers and manufacturers.

With a global presence, ArrowMan distinguishes itself through precise specialization, strong communication, and extensive experience collaborating with partners worldwide. This approach enables us to deliver cutting-edge technologies and results tailored to diverse needs.

Our solutions have been successfully implemented in various sectors, including healthcare facilities, residential settings, hotels, and resorts. As we continue to expand, ArrowMan remains committed to technological innovation, excellent quality, and competitive pricing to provide customers with first-class products.



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# IDH100c Dehumidifier

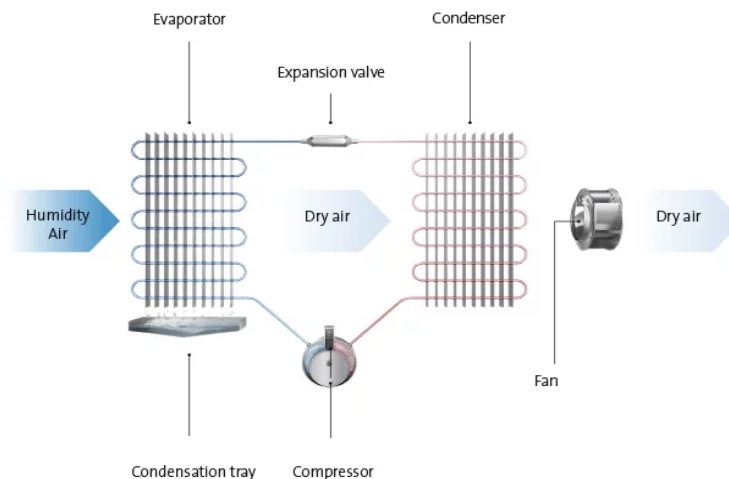


## IDH100c – Refrigerant Industrial Dehumidifier

### Features

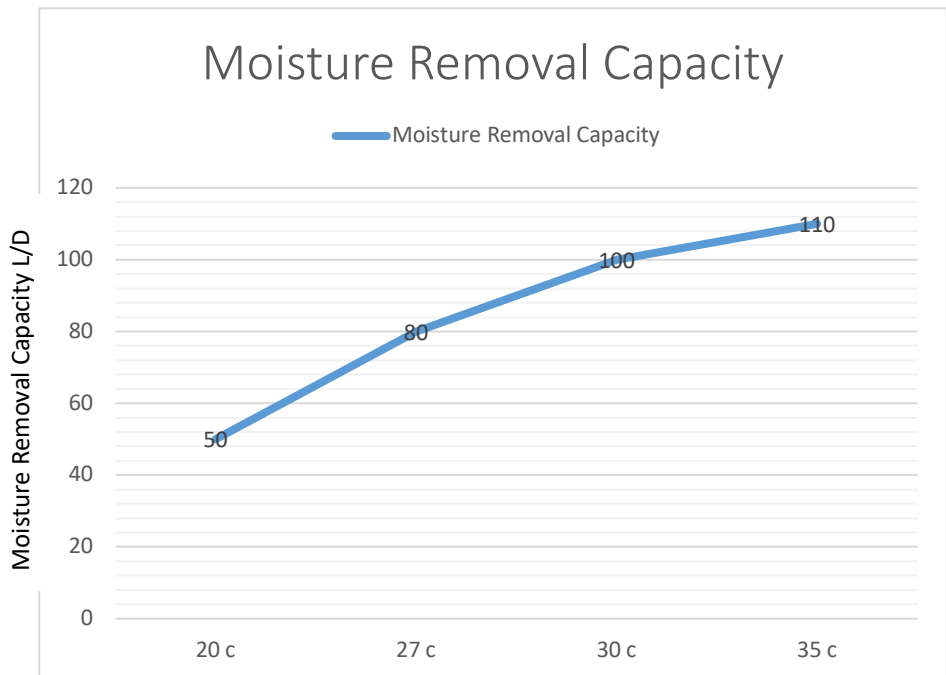
- Industrial & Commercial Use Capability with Very Powerful Components and Brand Compressor (Toshiba, Hitachi or Mitsubishi)
- Efficient To Control the Humidity and Remove the Moisture with Internal Microprocessor Making the Calculations and The Measurements of The Environment Humidity and Temperature to Supply the Highest and Most Efficient Dehumidification
- High Humidity Removal Capacity Up To 100 L/Day
- Large Area Coverage and Industrial Blower with Capacity Air Circulation 900 CMH. ( 530 CFM )
- Humidity Control 35 – 80 % In Special Temperature Conditions\* With External Control Unit with Display Showing the Current Humidity, Set Humidity and All Device Information
- Easy To Install and Use, IDH100c Is ceiling installed machine, Only Need to Connect the Power Supply Cable, Connecting the Drain Hose, Connecting the Control Unit Display and Ready to Work
- Local Warranty and Service Support Though the Local Authorized Dealer Success Orbit Trading Co. In Saudi Arabia, With Engineering Support
- Copper Condensers and Piping, Solid and Strong Metal Body Designed to Withstand Difficult Climatic Conditions and High Humidity, Designed to Withstand Rust and Corrosion Due to Difficult Weather Conditions
- Quality Certificates: SASO – SABER – TUV – IECEE – CE – QIMA

**\*Humidity controlling highly effected by several factors like room temperature, air circulation, doors and windows, water surfaces and other factors. Check with your local engineering supplier to help you more about humidity controlling at your project.**



# IDH100c Dehumidifier

Dehumidification  
Capacity  
Liter/Day



Technical  
Specifications

|                             |                    |
|-----------------------------|--------------------|
| Model                       | IDH100c            |
| Power                       | 220v 60Hz          |
| Humidity Removal 27C<br>60% | 80 L/D             |
| Humidity removal 30c<br>80% | 100 L/D            |
| Rated Power                 | 1300 W             |
| Air Circulation CMH         | 900                |
| Refrigerant                 | R32 /440 g         |
| Machine Size                | WDH 650*400*430 mm |
| Machine Weight              | 41 kg              |

**HITACHI**  
COMPRESSOR

**TOSHIBA**  
COMPRESSOR

**MITSUBISHI**  
ELECTRIC  
COMPRESSORS

# IDH100c Dehumidifier

## Machine Photos



## Work Fields and Uses

- **Residential homes:** benefit from dehumidifiers by preventing mold, mildew, and musty odors, which can negatively impact health, especially for those with allergies or respiratory issues. Moisture can also cause structural damage, such as rot, corrosion, and rust.
- **Indoor swimming pools and health clubs:** often struggle with high humidity levels, creating discomfort for visitors and damaging building infrastructure. Dehumidifiers help maintain a pleasant atmosphere and protect the facility.
- **Hospitals, medical laboratories, and drug stores:** require stringent air quality and humidity control to prevent the growth of harmful microorganisms. Excess moisture can contribute to the spread of diseases and bacteria, compromising patient safety.
- **Warehouses and storage facilities:** can benefit from dehumidifiers to reduce damage to goods and equipment. By maintaining low humidity levels, businesses can protect their valuable assets.
- **Pharmaceutical manufacturing and storage:** demand precise control over humidity to ensure the quality and safety of medical products. Dehumidifiers help maintain the necessary conditions for production and storage
- **Food processing facilities:** rely on dehumidifiers to manage excess moisture, preventing spoilage and maintaining product integrity.
- **Libraries, archives, and museums:** use dehumidifiers to protect valuable paper products, books, and artwork from moisture-related damage.
- **Electronics, computers, and server rooms:** require controlled humidity levels to ensure reliable operation and prevent equipment failures. Dehumidifiers help maintain optimal conditions for sensitive electronic equipment.

