

ArrowManTechnology Limited.,

Professional Dehumidifiers Solutions – HK GCC ME

Dehumidifier Model

IDH168C



Company Profile

ArrowMan Technology Limited., Founded in 2012 and based in Hong Kon is one of the leading and specialized companies in the field of developing and researching in air treatment, purification devices and dehumidification devices and technologies, with many years of experience in the field of dehumidifying devices, a great experience with an international team of engineers and manufacturers, We are presence in many countries worldwide. What distinguishes us is precise specialization and great communication with a lot of global experiences, customers, and success partners to reach the best technologies and results on the ground. We worked with many hospitals and medical centers, homes, hotels, and resorts.

Looking forward to the future, the company will continue to develop steadily, forming a pattern of large-scale development, business specialization, business internationalization and management differentiation. To "technological innovation" and "excellent quality" to build the core competitiveness of enterprises, with the most competitive prices to provide customers with first-class quality products.



ArrowMan Technology Limited
25TH FLOOR WORKINGTON TOWER 78
BONHAM STRAND, SHEUNG WAN
www.arrowmanme.com

IDH168C Dehumidifier

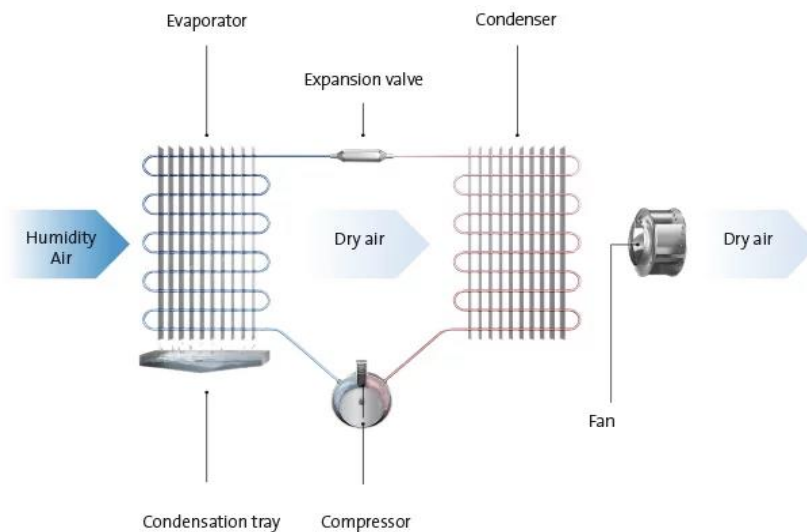


IDH168C – Refrigerant Industrial Dehumidifier

Features

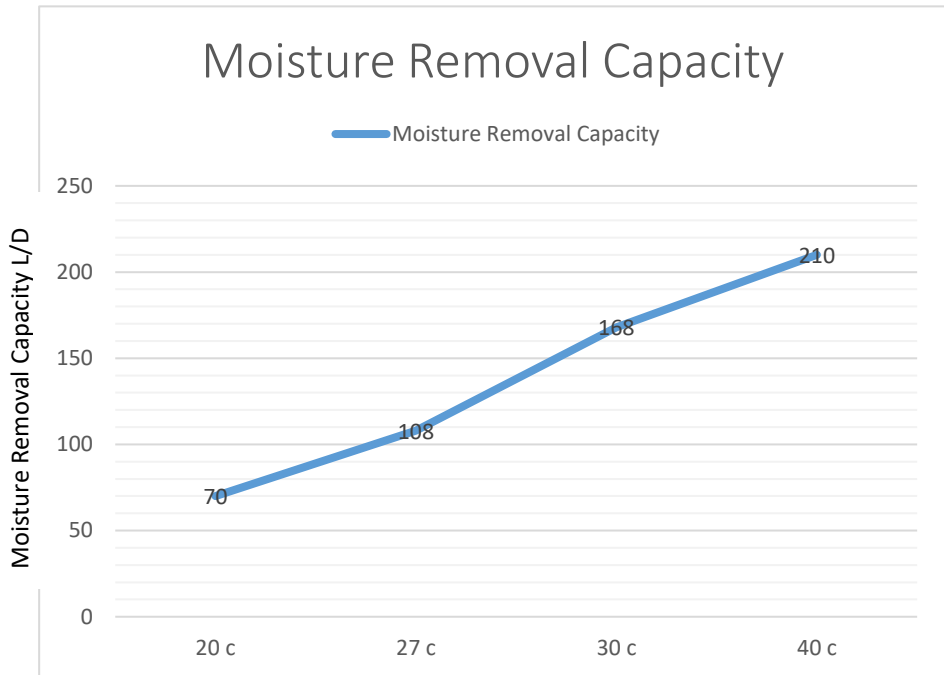
- Industrial & Commercial Use Capability with Very Powerful Components and Brand Compressor (Toshiba, Hitachi or Mitsubishi)
- Efficient To Control the Humidity and Remove the Moisture with Internal Microprocessor Making the Calculations and The Measurements of The Environment Humidity and Temperature to Supply the Highest and Most Efficient Dehumidification
- High Humidity Removal Capacity Up To 168 L/Day With
- Large Area Coverage and Industrial Blower with Capacity 1200 CMH (705 CFM) Helping to Covering a Large Area
- 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 Using the Machines Pre-Installed Holder, Ready to Ceiling Installation, On Racks or Wall Shelves or On Floor Installation, Only Need to Connect the Power Supply Cable, Connecting the Drain Hose, Connecting the Control Unit Display and Ready to Work
- The Machine Designed for Ducting Work, On Both Return and Supply Inlets
- Local Warranty and Service Support Though the Local Authorized Dealer Success Orbit Trading EST 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*



IDH168C Dehumidifier

Dehumidification
Capacity
Liter/Day



Technical
Specifications

Model	IDH168C
Power	220v 60Hz
Humidity Removal 27C 60%	108 L/D
Humidity removal 30c 80%	168 L/D
Rated Power	2000 W
Max Power	3100 W
Air Circulation CMH	1200
Refrigerant	R410a
Machine Size	(40+950+40) *750*650mm
Inlet Flange	560 x 543mm
Outlet Flange	350 x 245mm
Machine Weight	106 kg

HITACHI
COMPRESSOR

TOSHIBA
COMPRESSOR

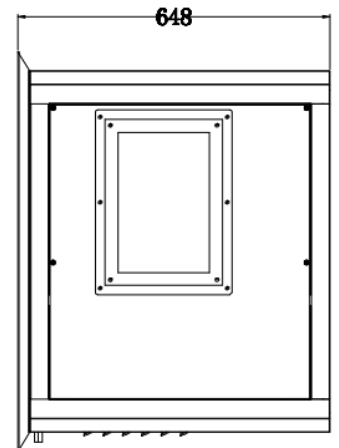
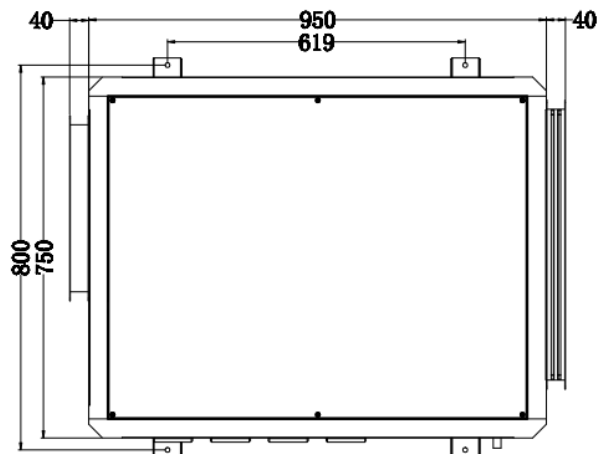
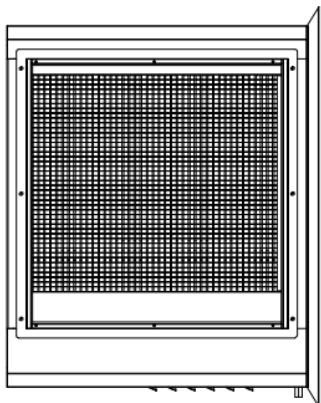
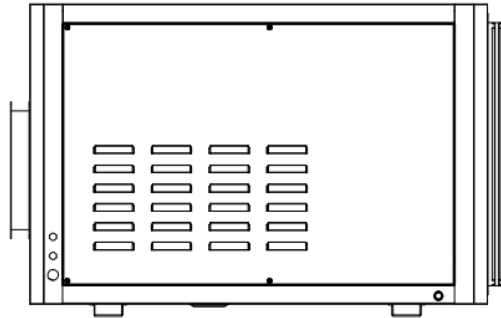
MITSUBISHI
ELECTRIC
COMPRESSORS

IDH168C Dehumidifier

Machine Dimensions



IDH168C	Dimensions
Height H	650 mm
Width W	750 mm
Length L	950 mm
Inlet Flange (Return)	40mm (560x543 mm)
Outlet Flange (Supply)	40mm (350x243 mm)
Holder Hole	12 mm
Drainage outlet	16 mm
Weight	106 kg



Work Fields and Uses

- **Residential Houses** where moisture affects badly on the health of residents and children, moisture effects on property, causing damage, corrosion, rust, damage to air-conditioning devices and reducing their effectiveness.
- **Swimming Pools and Spa** Humidity levels rise very high in indoor swimming pools and health clubs, which makes the interior atmosphere uncomfortable for guests, and causes damage to the walls and infrastructure of buildings.
- **Hospital And Medical Care Buildings** Air quality standards and humidity levels in hospitals, medical laboratories and drug stores must be very high. Fungi grow and spread diseases and bacteria due to high humidity, which causes major problems inside medical buildings.
- **Warehouses** Ensuring low levels of humidity inside warehouses and storage places contributes to reducing damage and damage to property and storage equipment.
- **Pharmaceutical** The storage and manufacture of medical drugs is carried out in high-quality atmospheres of air and humidity levels to ensure and reach the highest standards of quality and safety.
- **Food Factories and Storage Area** When it comes to food processing applications, dehumidifiers are used to take care of excess moisture evaporated into the airstream by products, outside elements and other disturbances to the indoor air quality.
- **Libraries, Papers and Books Warehouses** Dehumidifiers keep paper products, books and art supplies from being damaged and destroyed by high humidity
- **Electronics, Computers and Server Rooms** Having monitored temperature and humidity levels is extremely important for server rooms and data centers which ensures system reliability, uptime and longevity of equipments. Excess humidity causes fungus that attacks machines, disk drives to fail which leads to loss of data, system failures, rust build up, corrosion, condensation in inside hardware causing short circuits and damage to sensitive components

