



Experience
Reliability



**PORTABLE DEHUMIDIFIER
Professional**

FDNF 44



Provided with:

- Hot gas defrosting device with electronic and thermostatic control
- Automatic Dehumidostat
- Hours counter (STD)
- Condens. Water lifting pump (opt.)
- Condensed water reservoir (STD)
- Fittings for continuous draining pipe connection
- Four pivoting wheels

Main Characteristics:

- Non finned tube Evaporator
- Low energy consumption
- Zinc plated and powder painted sturdy frame
- Ecologic gas R407c

Type	FDNF 44
Rated Average Power Consumption (at 20°C, 60% R.H.)	530 W
Max Power Consumption (at 35°C, 95% R.H.)	780 W
Max. Absorbed Current (at 35°C, 95% R.H.) F.L.A.	4,0 A
Locked Rotor Current L.R.A.	18.0 A
Air Flow	400 cm/h
Sound Pressure Level (at 3 mts in free field)	43 db(A)
Refrigerant R407c	350 g
Standard Defrosting Control System	electronic
Hot gas defrosting control system	termost./electronic
Capacity of Condensed Water Tank	9 kg
Condensed Water Draining Pipe Connection	3/4"
Functioning Temperature Range (standard version) - approx	7-35 °C
Functioning Temperature Range (hot gas defrosting version)	1-35 °C
Functioning Relative Humidity Range	35 - 99 %
Rated Condensation Capacity (at 30°C - 80 %)	36 l/24h
Rated Condensation Capacity (at 32°C-90 %)	44 l/24h
Weight with empty tank	38 kg
Dimensions LxDxH (whithout pipe)	350x370x720
Dimensions of the Packaging Carton Boxes LxDxH	450x440x790
Number of Units in 40' HQ (20') container	405 (165)

Salient Features*



Preferred humidity settings



Easy roll castors



Auto humidity sensor



Extensive coverage area



Continuous drainage option



CFC free refrigerant



Auto stop with full tank indicator



Rotary compressor



European standards



* Specific to models

**PORTABLE DEHUMIDIFIER
Professional**

FDNF 62



Provided with:

- Hot gas defrosting device with electronic and thermostatic control
- Automatic Dehumidostat
- Hours counter (STD)
- Condens. Water lifting pump (opt.)
- Condensed water reservoir (STD)
- Fittings for continuous draining pipe connection
- Four pivoting wheels

Main Characteristics:

- Non finned tube Evaporator
- Low energy consumption
- Zinc plated and powder painted sturdy frame
- Ecologic gas R407c

Type	FDNF 62
Rated Average Power Consumption (at 20°C, 60% R.H.)	700 W
Max Power Consumption (at 35°C, 95% R.H.)	950 W
Max. Absorbed Current (at 35°C, 95% R.H.) F.L.A.	4,4
Locked Rotor Current L.R.A.	20.0 A
Air Flow	650 cm/h
Sound Pressure Level (at 3 mts in free field)	51 db(A)
Refrigerant R407c	560g
Standard Defrosting Control System	electronic
Hot gas defrosting control system	termost./electronic
Capacity of Condensed Water Tank	12 kg
Condensed Water Draining Pipe Connection (male)	3/4"
Functioning Temperature Range (standard version) - approx	7-35 °C
Functioning Temperature Range (hot gas defrosting version)	1-35 °C
Functioning Relative Humidity Range	35 - 99 %
Rated Condensation Capacity (at 30°C - 80 %)	52 l/24h
Rated Condensation Capacity (at 32°C-90 %)	62 l/24h
Weight with empty tank	44 kg
Dimensions without pipe handles LxDxH mm	450x410x770
Dimensions with Pipe arms and big wheels	520x470x820
Number of Units in 40' HQ (20') container	375 (120)

Salient Features*



Preferred humidity settings



Easy roll castors



Auto humidity sensor



Extensive coverage area



Continuous drainage option



CFC free refrigerant



Auto stop with full tank indicator



Rotary compressor



European standards



* Specific to models

**PORTABLE DEHUMIDIFIER
Professional**

FDNF 96



Provided with:

- Hot gas defrosting device with electronic and thermostatic control
- Automatic Dehumidostat
- Hours counter (STD)
- Condens. Water lifting pump (opt.)
- Condensed water reservoir (STD)
- Fittings for continuous draining pipe connection
- Four pivoting wheels

Main Characteristics:

- Non finned tube Evaporator
- Low energy consumption
- Zinc plated and powder painted sturdy frame
- Ecologic gas R407c

Type	FDNF 96
Rated Average Power Consumption (at 20°C, 60% R.H.)	980 W
Max Power Consumption (at 35°C, 95% R.H.)	1350 W
Max. Absorbed Current (at 35°C, 95% R.H.) F.L.A.	7.2 A
Locked Rotor Current L.R.A.	29.0
Air Flow	1000 cm/h
Sound Pressure Level (at 3 mts in free field)	52 db(A)
Refrigerant R407c	850 g
Standard Defrosting Control System	electronic
Hot gas defrosting control system	termost./electronic
Capacity of Condensed Water Tank	15 kg
Condensed Water Draining Pipe Connection (male)	3/4"
Functioning Temperature Range (standard version) - approx	7-35 °C
Functioning Temperature Range (hot gas defrosting version)	1-35 °C
Functioning Relative Humidity Range	35 - 99 %
Rated Condensation Capacity (at 30°C - 80 %)	80 l/d
Rated Condensation Capacity (at 32°C-90 %)	96 l/d
Weight with empty tank	52 kg
Dimensions LxDxH without pipe handles mm	550x405x900
Dimensions of the Packaging Carton Boxes LxDxH mm	450x580x940
Number of Units in 40' HQ (20') container	200 (100)

Salient Features*



Preferred humidity settings



Easy roll castors



Auto humidity sensor



Extensive coverage area



Continuous drainage option



CFC free refrigerant



Auto stop with full tank indicator



Rotary compressor



European standards



* Specific to models



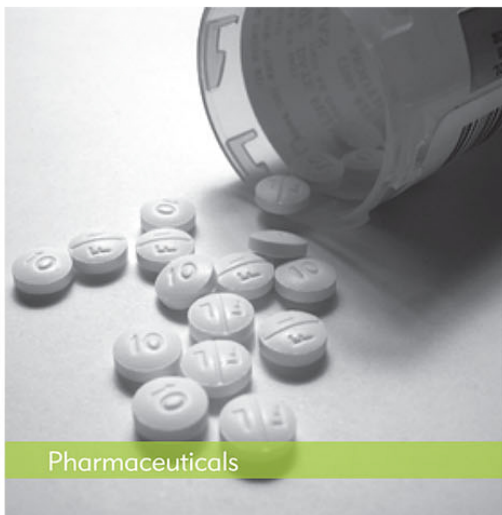
Research & Development

Applications

- Tissue culture chamber
- FTIR Spectrometer room
- Instrumentation lab
- Linear Accelerator chamber
- Cement Testing

Our clients

- Indian Space Research Organization
- Tata Institute of Fundamental Research
- Bhabha Atomic Research Centre
- Indian Institute of Technology
- Ultratech Ltd.



Pharmaceuticals

Applications

- Tablet compression
- Research & Development lab
- Capsule filling
- Formulations lab

Our clients

- Dr.Reddy's
- Cipla
- Pfizer
- Lupin



Foods & Beverages

Applications

- Food Production
- Spices & Seasoning Storage
- Powder Storage
- Food Storage
- Food Testing Labs
- New Product Development I

Our clients

- Nestle
- Cadbury
- ITC Foods
- VKL Spices



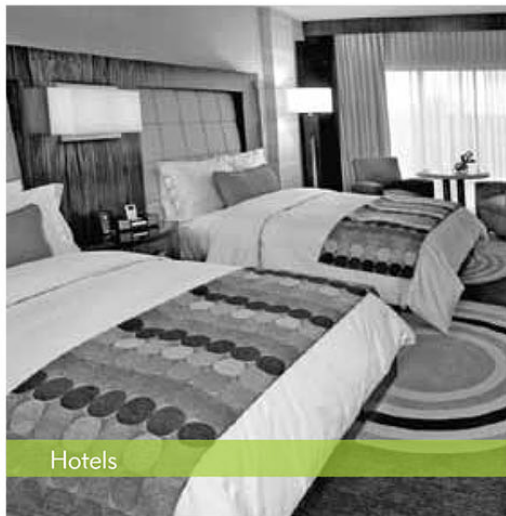
Healthcare

Applications

- CT Scan room
- MRI Scan room
- Radiation therapy
- Operation Theater
- Lasik Room

Our clients

- Asian Heart Hospital
- Breach Candy Hospital
- Lilavati Hospital
- Nanavati Hospital
- P. D. Hinduja Hospital
- Aditya Jyot Eye Hospital



Hotels

Applications

- Guest rooms
- House keeping
- Indoor Swimming Pool
- Spa's

Our clients

- Taj group
- J.W.Marriott
- ITC Hotels
- Hyatt group
- Oberoi's



Printing

Applications

- Computer to Plate storage
- Specialized Printing
- Production areas
- Circuit Board Printing
- Mass Bill Printing

Our clients

- Times of India
- Hindustan Times
- Indian Express
- Dainik Bhaskar
- Malayala Manorama



Warehousing

Applications

- Electronic Storage
- Electrode Storage
- Semiconductor Store
- Currency Storage

Our clients

- Transworld
- Writer corp
- Shemaroo Video
- United Phosphorus Ltd.



Museums & Art Galleries

Applications

- Exhibit Areas
- Secured Art Storage
- Archiving Sections
- Artifacts Storage

Our clients

- Prince of Wales museum
- Bhau Daji Lad Museum
- Bombay Art Gallery
- Birla Art Gallery
- National Centre for
- Performing Arts



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- Please do not use the unit for more than 12 hours continuously
 - Please give a break for an hour before restating, otherwise the unit will malfunction.
 - Operating Temperature: 3° - 32°C
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