

REFRIGERANT DEHUMIDIFIERS

CONSTRUCTION AND RENTAL



PD 300



PD 600



Features

- Robust
- Easy to use
- Can be cleaned by jet-wash
- Operation in temperatures down to 3°C – hot gas defrost supplied with units
- Dual voltage – units can be supplied with 110/240 volt option
- Non-marking wheels – no tyre marks left on floors

Applications

- Building industry, restoration work
- Moisture removal in new houses
- Drying during construction
- Water removal after painting

Options

- Condensate pump kit, humidistat, hours-run meter

Specifications	Units	PD 300	PD 600
Maximum capacity	l/24h	53	100
Capacity (20°C/70% RH)	l/24h	31	46
Capacity (30°C/80% RH)	l/24h	46	70
Air flow	m ³ /h	380	750
Power supply (AX model)	V/Hz	230/1ph/50	230/1ph/50
Dual voltage option (AJX model)	V/Hz	110/230/1ph/50	110/230/1ph/50
Recommended size of dual voltage transformer	VA	800	1400
Recommended supply fuse	A	13	13
Nominal power consumption	kW	0.65	1.07
Product size (h x w x d)	mm	850 x 510 x 480	1020 x 630 x 585
Weight	kg	45	65

Get In Touch

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Our Address

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REFRIGERANT DEHUMIDIFIERS

CONSTRUCTION AND RENTAL



Features

- Long lasting metal casing
- High efficiency
- Hour counter
- Large water tank with automatic shut-off when full
- Hose connection
- Tank full indicator
- Air filter
- Hot gas defrost
- Restarts automatically after a power failure
- Large wheels and handle
- Built-in humidistat



Wide spaces between evaporator tubes to prevent clogging



Compact foam air filter enables it to work in very dusty spaces



Easy to use manual controls

Applications

- Building industry, restoration work
- Water damage restoration
- Flood drying
- Protection from steam condensation
- Sewage treatment, waterworks
- Storage rooms



Specifications	Units	DH 26	DH 44	DH 62	DH 92
Capacity (30°C/80% RH)	l/24h	27	41	52	80
Air flow	m ³ /h	350	480	480	1000
Operating temperature range	°C	0.5-35	3-35	3-35	3-35
Operating humidity range	%	35-99	35-99	35-99	35-99
Power consumption	W	620	780	990	1600
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50	220-240/1ph/50
Sound level	dB(A)	46	53	53	50
Tank capacity	l	8	11	11	11
Product size (l x w x h)	mm	450 x 470 x 890	600 x 580 x 850	600 x 580 x 850	580 x 600 x 1035
Weight	kg	30	43	47	66
Dual voltage		No	Available	Available	No

TO DRY

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REFRIGERANT DEHUMIDIFIERS

CONSTRUCTION AND RENTAL



AD 740



Features

- Case made of shock and impact-resistant plastic
- Floor standing. Optimum mobility by two plastic wheels (D = 190mm) and folding handle
- Blue-Dry®-Technology for particularly energy-saving operation – even at low humidities and temperatures
- Fully hermetic rotary compressor
- Energy efficient axial fan
- Maintenance-friendly refrigerant circuit with service connector
- Condenser and evaporator made of copper tubes with aluminium fins
- Hot gas defrost
- Easy to use electronic eDry®

Optional accessories

- Condensate drain hose
- Pump kit
- Spare filter
- Hose clip for discharge hose

Applications

- Water damage restoration
- Flood drying
- Preservation
- Sewage treatment, waterworks
- Basements and cellars
- Storage and archives



Specifications	Units	AD 740
Capacity (30°C/80% RH)	l/24h	37
Air flow (speed I/II)	m³/h	450/550
Operating temperature range	°C	1-34
Operating humidity range	% RH	35-99
Max. power consumption	W	520
Power supply	V/Hz	230/1ph/50
Sound level	dB(A)	51
Condensate drain	mm	15 x 2
Product size (h x w x d)	mm	690 x 390 x 470
Weight	kg	32

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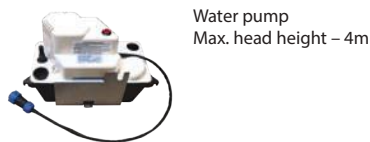
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REFRIGERANT DEHUMIDIFIERS

CONSTRUCTION AND RENTAL



Optional accessories



Features

- Case made of shock and impact-resistant plastic
- Ideal for general hire
- Can be cleaned by jet washing
- On board humidistat
- External humidistat socket
- Hour counter
- Large water tank with automatic shut-off when full
- Hose connection
- Tank full indicator
- Air filter
- Hot gas defrost
- Restarts automatically after a power failure
- Large wheels and handle

Applications

- Building industry, restoration work
- Water damage restoration
- Flood drying
- Protection from steam condensation
- Sewage treatment, waterworks
- Storage rooms



Specifications	Units	DHP 65
Capacity (30°C/80% RH)	l/24h	56
Air flow	m ³ /h	500
Operating temperature range	°C	3-35
Operating humidity range	%	38-99
Power consumption	W	780
Power supply	V/Hz	220-240/1ph/50
Sound level	dB(A)	53
Tank capacity	l	10.5
Product size (l x w x h)	mm	570 x 530 x 700
Weight	kg	50
Dual voltage		Available

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REFRIGERANT DEHUMIDIFIERS

RESTORATION



CDT 60

CDT 30



CDT 30 S and CDT 40 S are fitted with a 1 kW heating element, a high pressure fan and two duct spigots, allowing connection of two flexible air ducts Ø100, each up to 5m long.



Digital display with integrated humidity control, energy counter, service status and easy fault finding allows optimal dehumidification.



Features

- Long lasting metal casing
- Quiet
- Plug and play condensate pump cassette
- Fast and energy efficient
- Digital display with integrated humidity control, energy counter, service status and easy fault finding allows optimal dehumidification
- Designed for easy handling and transportation
- Special versions available with integrated heater on CDT 30 S and CDT 40 S for ducted drying
- Remote Climate Control (see page 73)

The mobile CDT dehumidifier can be supplied with a condensate pump cassette which is fitted instead of the water container.

Applications

- Water damage restoration
- Flood drying
- Preservation
- Sewage treatment, waterworks



Specifications	Units	CDT 30	CDT 30 S	CDT 40	CDT 40 S	CDT 60	CDT 90
Capacity (30°C/80% RH)	l/24h	30	30	39	39	62	94
Air flow	m ³ /h	250	350*	350	560*	725	1000
Operating temperature range	°C	3-32	3-32	3-32	3-32	3-32	3-32
Operating humidity range	%	40-100	40-100	40-100	40-100	40-100	40-100
Height with handle down	mm	736	736	823	823	903	977
Height with handle up	mm	1016	1016	1190	1190	1270	977
Refrigerant		R134a	R134a	R407c	R407c	R407c	R407c
Width	mm	426	426	542	542	542	650
Depth	mm	506	506	539	539	539	593
Weight	kg	32	34	43	46	47	62
Water container	l	7	7	14	14	14	-

* Measured without air ducts connected

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REFRIGERANT DEHUMIDIFIERS

RESTORATION



AD 780-P

AD 750



Features

- Shock and impact-resistant roto moulded housing, available in your colours and with your logo
- Floor standing. Optimum mobility by two big wheels made of resistant, durable material, wide choice of grip and carry options
- Blue-Dry®-Technology for particularly energy-saving operation – even at low humidities and temperatures
- Automatic hot gas defrost
- Built-in hygostat for variable humidity control, operating hours, neons for 'defrosting', 'tank full' and 'moisture OK' as standard
- Version AD 750-P and AD 780-P are with included condensate pump as a standard
- Calibrated kWh-counter (acc. To MID) currentless reading

Optional accessories

- Condensate drain hose
- Spare filter
- Hose clip for discharge hose

Applications

- Water damage restoration
- Flood drying
- Preservation
- Sewage treatment, waterworks



Specifications	Units	AD 750	AD 750-P	AD 780-P
Capacity (30°C/80% RH)	l/24h	55	55	78
Air flow	m ³ /h	710	710	820
Operating temperature range	°C	3-32	3-32	3-32
Operating humidity range	%	35-95	35-95	35-95
Max. power consumption	W	900	900	1250
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Sound level	dB(A)	53	53	55
Condensate tank	l	12	Built-in condensate pump	Built-in condensate pump
Condensate	mm	15 x 2	12 x 2	12 x 2
Product size (h x w x d)	mm	880 x 520 x 495	880 x 520 x 495	1000 x 640 x 580
Weight	kg	42	42	57

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REFRIGERANT DEHUMIDIFIERS

RESTORATION



AD 20



AD 40



Features

- Shock and impact-resistant roto moulded housing, available in your colours and with your logo
- Stackable unit wide choice of grip and carry options
- Easy to open, clean and maintain. Housing with integrated cable loop
- Blue-Dry®-Technology for particularly energy-saving operation-even at low humidities and temperatures
- 2 speed energy efficient EC fan
- Automatic hot gas defrost
- Additional power socket (fuse safed)
- Calibrated kWh-counter (acc. To MID) currentless reading
- Built-in condensate water pump
- CC6 Electronic with Smart Icon Control (AD 20 only)

Optional accessories AD 20

- Spare filter
- Belt for lashing-system

Optional accessories AD 40

- Condensate drain hose
- Pump kit
- Spare filter
- Hose clip for discharge hose

Applications

- Water damage restoration
- Flood drying
- Preservation
- Sewage treatment, waterworks
- Basements and cellars
- Storage and archives

Specifications	Units	AD 20 Preliminary Data	AD 40
Capacity (30°C/80% RH)	l/24h	17	35
Air flow (speed I/II)	m ³ /h	225/300	300/400
Operating temperature range	°C	1-34	1-34
Operating humidity range	% RH	35-99	35-99
Max. power consumption	W	340	520
Power supply	V/Hz	230/1ph/50	230/1ph/50
Sound level	dB(A)	-	53
Condensate drain	mm	15 x 1.5	15 x 2
Product size (h x w x d)	mm	420 x 320 x 500	580 x 390 x 450
Weight	kg	18	25

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REFRIGERANT DEHUMIDIFIERS

GENERAL PURPOSE



DH 732



DH 721



Light and compact casing

Features

- High efficiency
- Durable casing
- Simple operation
- Built-in humidistat
- Water tank with automatic shut-off when full
- Hose connection
- Hour counter
- Air filter
- DH 732 are stackable

Applications

- Building industry
- Flooded buildings and cellars
- Protection from steam condensation in sewage treatments and waterworks
- Storage rooms



Specifications	Units	DH 721	DH 732
Capacity (30°C/80% RH)	l/24h	21	30
Air flow	m ³ /h	240	160
Operating temperature range	°C	5-35	5-32
Operating humidity range	%	35-90	35-90
Power consumption	W	490	680
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Sound level	dB(A)	42	42
Tank capacity	l	4.7	6.5
Product size (l x w x h)	mm	335 x 305 x 580	358 x 338 x 550
Weight	kg	19	19.5

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REFRIGERANT DEHUMIDIFIERS

GENERAL PURPOSE



DH 752



DH 772

Optional accessories



Water pump for DH 752
Max. forcing height – 4m



Features

- Hot gas defrost
- High efficiency
- Durable casing
- Simple operation
- Built-in hygostat
- Possibility of continuous operation (24 h/day)
- Water tank with automatic shut-off when full
- Hose connection
- Hour counter
- Air filter

Applications

- Cellar, garage
- Warehousing
- Offices
- Library, bookstore, archives
- Laundry, drying room in hotels
- During renovation and painting work
- Flood drying

Specifications	Units	DH 752	DH 772
Capacity (30°C/80% RH)	l/24h	47.2	72
Air flow	m ³ /h	350	850
Operating temperature range	°C	5-35	5-32
Operating humidity range	%	20-90	35-90
Power consumption	W	900	1790
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Sound level	dB(A)	52	60
Compressor		Rotary	Rotary
Tank capacity	l	5.7	15.0
Product size (l x w x h)	mm	580 x 422 x 820	586 x 436 x 1110
Weight	kg	30	59

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REFRIGERANT DEHUMIDIFIERS

COMMERCIAL



AD 520
AD 540



AD 560
AD 580



Features

- Case made of coated sheet steel in stainless steel finish
- Units are floor standing. AD 520/AD 540 are with folding handle for comfortable carrying. Both are stackable and stabilized by four rubber bumpers. AD 560/AD 580 having four mobile castors and side handles for lifting.
- Folding handle for comfortable carrying
- Blue-Dry®-Technology for particularly energy-saving operation – even at low humidities and temperatures
- Fully hermetic rotary compressor
- Energy efficient axial fan
- Maintenance-friendly refrigerant circuit with service connector
- Condenser and evaporator made of copper tubes with aluminium fins
- Hot gas defrost
- Easy-to-use electronic eDRY®
- kWh-counter (calibrated acc. MID), currentless reading

Optional accessories

- Condensate drain hose
- Pump kit
- Spare filter
- Hose clip for discharge hose
- External dew point monitor
- Wall bracket (AD 520/540 only)

Applications

- Water damage restoration and flood drying
- Preservation, storage and archives
- Sewage treatment, waterworks
- Basements and cellars

Specifications	Units	AD 520	AD 540	AD 560	AD 580
Capacity (30°C/80% RH)	l/24h	19	34	60	78
Air flow (speed I/II)	m³/h	250/340	500/620	425/700	600/886
Operating temperature range	°C	1-34	1-34	1-34	1-34
Operating humidity range	% RH	35-95	35-95	35-95	35-95
Max. power consumption	W	330	530	810	1070
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50	230/1ph/50
Sound level	dB(A)	46	51	53	65
Fan speed I/II	m³/h	250/340	500/620	425/700	600/886
Condensate tank	l	7.0	7.0	14.0	14.0
Condensate drain	mm	12 x 2	12 x 2	12 x 2	12 x 2
Product size (h x w x d)	mm	524 x 320 x 360	578 x 329 x 380	720 x 400 x 450	790 x 450 x 450
Weight	kg	17	24	36	40

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REFRIGERANT DEHUMIDIFIERS

COMMERCIAL



AD 660



AD 680

Optional accessories

- Condensate drain hose
- Pump kit
- Spare filter
- Hose clip for discharge hose
- External dew point monitor



Features


- Case made of coated sheet steel in stainless steel finish
- Floor standing. Excellent mobility due to stable transport frame and wheels
- Blue-Dry®-Technology for particularly energy-saving operation – even at low humidities and temperatures
- Fully hermetic rotary compressor
- Energy efficient axial fan
- Maintenance-friendly refrigerant circuit with service connector
- Condenser and evaporator made of copper tubes with aluminium fins
- Hot gas defrost
- Easy-to-use electronic eDRY®
- kWh-counter (calibrated acc. MID), currentless reading

Applications

- Water damage restoration
- Flood drying
- Preservation
- Sewage treatment, waterworks
- Basements and cellars
- Storage and archives

Specifications	Units	AD 660	AD 680
Capacity (30°C/80% RH)	l/24h	60	78
Air flow (speed I/II)	m³/h	425/700	600/886
Operating temperature range	°C	1-34	1-34
Operating humidity range	% RH	35-95	35-95
Max. power consumption	W	810	1070
Power supply	V/Hz	230/1ph/50	230/1ph/50
Sound level	dB(A)	53	65
Condensate tank	l	14.0	14.0
Condensate drain	mm	12 x 2	12 x 2
Product size (h x w x d)	mm	900 x 540 x 500	975 x 600 x 520
Weight	kg	40	45

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REFRIGERANT DEHUMIDIFIERS

INDUSTRIAL



PD 1500



Features

- Plastisol coated galvanised steel cabinet
- Self contained with fully automatic operation
- Integral humidistat
- Polyester coated evaporator and condenser
- Usable from 3°C
- Ultra-powerful compressor
- High lift condensate pump
- Hot gas defrost for low temperature operation
- In-built transformer so power supply neutral not required
- Service-optimised construction for quick cleaning and inspections
- Suitable for connecting to ducted air systems
- Easily exchangeable and washable air filter

Applications

- Industrial and commercial
- Preservation
- Sewage treatment, waterworks
- Agriculture
- Data centres



Specifications	Units	PD 1500
Maximum capacity	l/24h	300
Capacity (20°C/60% RH)	l/24h	100
Capacity (30°C/80% RH)	l/24h	220
Air flow	m ³ /h	2500
Sound level @ 3m	dB(A)	58
Supply (no neutral required)	V/Hz	400/3ph/50
Power input	kW	2.7
Nominal power consumption	A	6.75
Recommended fusing	A	16
Required starting current	A	30
Recommended room size construction drying	m ³ /m ²	1700/600
Product size (l x w x h)	mm	1100 x 700 x 1313
Weight	kg	130

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REFRIGERANT DEHUMIDIFIERS

INDUSTRIAL



DH 7160



Features

- Big air flow for fast and effective dehumidification
- Robust metal frame and housing
- Folding handles and wheels
- Wheel foot brakes
- Powerful and quiet centrifugal fan
- Continuous removal of condensed water (no tank)
- Big air filter easy to access
- Three phase compressor secured by phase protection
- Automatic defrosting

Electronic control panel

- Can be set for continuous operation or controlled by built-in electronic humidistat
- Memory settings possible



Wheel foot brakes



Folding handles and wheels



Air filter

Optional accessories



Extension cord
DH 7160 – 5m
DH 7160 – 10m

Applications

- Storage rooms with products sensitive to humidity, such as drugs, wooden and iron items, paper and leather products, electronic equipment
- Protection of cargo in containers from becoming damaged due to humidity

Specifications	Units	DH 7160
Capacity (30°C/80% RH)	l/24h	166
For rooms of approx.	m ³	2490
For restoration after flood	m ³	996
Air displacement	m ³ /h	1700
Operating temperature range	°C	5-32
Operating humidity range	%	30-90
Refrigerant		R407C
Power consumption	W	2820
Power supply	V/Hz	380-400/3ph/50
Sound level	dB(A)	70
Compressor		Rotary
Product size (l x w x h)	mm	582 x 410 x 1624
Weight	kg	102

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REFRIGERANT DEHUMIDIFIERS

INDUSTRIAL



AD 810-P



Features

- Case made of coated sheet steel in stainless steel finish
- Floor standing – mobile by four castors (D = 100mm)
- Side handles for lifting
- Fully hermetic rotary compressor
- Two energy efficient axial fans
- Combo-counter (kWh and operating hours)
- Maintenance-friendly refrigerant circuit with service connector
- Condenser and evaporator made of copper tubes with aluminium fins
- Hot gas defrost
- Easy-to-use electronic eDRY®

Optional accessories

- Condensate drain hose
- Pump kit
- Spare filter
- Hose clip for discharge hose

Applications

- Water damage restoration
- Flood drying
- Preservation
- Sewage treatment, waterworks
- Basements and cellars
- Storage and archives



Specifications	Units	AD 810-P
Capacity (30°C/80% RH)	l/24h	105
Air flow (speed I/II)	m ³ /h	1000/1300
Operating temperature range	°C	1-34
Operating humidity range	%	35-95
Max. power consumption	W	1350
Power supply	V/Hz	230/1ph/50
Sound level	dB(A)	60
Condensate drain	mm	Fixed automatic condensate pump max. 4m height
Product size (l x w x h)	mm	970 x 625 x 530
Weight	kg	70

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REFRIGERANT DEHUMIDIFIERS

HOME AND OFFICE



DH 720



Features

- Attractive design
- Compact, plastic casing
- Light, easy to transport
- Quiet operation
- Simple controls
- Built in hygrostat
- Tank full indicator
- Electronic panel control



CONTROL PANEL

Applications

- Humid residential rooms
- House library
- Cellars
- Laundry, drying room
- Pantry
- Collector's room
- Gallery



Specifications	Units	DH 720
Capacity (30°C/80% RH)	l/24h	20
Air flow	m ³ /h	150
Operating temperature range	°C	5-32
Operating humidity range	%	35-95
Power consumption	W	390
Power supply	V/Hz	220-240/1ph/50
Sound level	dB(A)	48
Tank capacity	l	5
Product size (l x w x h)	mm	410 x 210 x 550
Weight	kg	11

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