

INDUSTRIAL DRYING ADSORPTION



DT 160



DT 250



Features

- Sturdy housing in stainless steel
- Low weight
- PTC reactivation heater, eliminates the risk for overheating and allows step-less capacity control
- The desiccant rotor, including its transmission element and fan, can be easily lifted out of the housing for external inspection and service

Optional accessories

- External humidistat connection
- Floor stand
- Wall bracket

Applications



- Process air systems
- Store rooms
- Pharmaceutical production
- Pumping stations
- Film production
- Electronics manufacturing
- Confectionery and food production
- Museums and art galleries
- Cold storage

Specifications	Units	DT 160	DT 250	DT 440
Dehumidification @ 20°C/60% RH	kg/h	0.6	1.1	1.4
Dry air flow (free blowing)	m ³ /h	160	290	440
Available pressure	Pa	0	0	0
Wet air flow	m ³ /h	40	50	100
Available pressure	Pa	0	0	0
Power consumption	kW	1.0	1.3	2.1
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Sound level	dB(A)	53	52.9	69
Reactivation power	kW	0.8	1.2	1.9
Electrical (E), steam (S), gas (G) react. option		E	E	E
Filter class		3	3	3
Product size (l x w x h)	mm	324 x 329 x 274	335 x 351 x 357	335 x 351 x 357
Weight	kg	10.5	14	31

Get In Touch

- Call:** 0845 6880112
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Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH



INDUSTRIAL DRYING ADSORPTION



DT 210



DT 400



Features

- Sturdy housing in stainless steel
- Low weight
- PTC reactivation heater, eliminates the risk for overheating and allows step-less capacity control
- The desiccant rotor, including its transmission element and fan, can be easily lifted out of the housing for external inspection and service

Optional accessories

- External humidistat connection
- Air cooled condenser (DT 210/450 only)
- Floor stand
- Wall bracket

Applications



- Process air systems
- Store rooms
- Pharmaceutical production
- Pumping stations
- Film production
- Electronics manufacturing
- Confectionery and food production
- Museums and art galleries
- Cold storage

Specifications	Units	DT 210	DT 400	DT 450
Dehumidification @ 20°C/60% RH	kg/h	0.6	1.5	2.2
Dry air flow	m ³ /h	210	400	450
Available pressure	Pa	0	30	0
Wet air flow	m ³ /h	40	120	120
Available pressure	Pa	0	0	0
Power consumption	kW	1.1	2.3	3.5
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Sound level	dB(A)	53.3	62.2	63
Reactivation power	kW	0.8	2.0	3.2
Electrical (E), steam (S), gas (G) react. option		E	E	E
Filter class		3	3	3
Product size (l x w x h)	mm	315 x 315 x 457	504 x 428 x 525.5	504 x 428 x 525.5
Weight	kg	16.5	28	31

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INDUSTRIAL DRYING ADSORPTION



**DT 800
DT 1100**



Features

- Sturdy housing in stainless steel
- Controls including, humidity sensor operation, alarm system, and different options for dry air fan operation
- PTC (Positive Temperature Control) reactivation heater, eliminates the risk of overheating and allows step-less capacity control

Optional accessories

- Air cooled condenser
- DDC controls

Applications

- Process air systems
- Store rooms
- Pharmaceutical production
- Pumping stations
- Film production
- Electronics manufacturing
- Confectionery and food production
- Museums and art galleries
- Cold storage



Specifications	Units	DT 800	DT 1100
Dehumidification @ 20°C/60% RH	kg/h	4.4	6.0
Dry air flow	m ³ /h	800	1100
Available pressure	Pa	150	200
Wet air flow	m ³ /h	250	370
Available pressure	Pa	175	200
Power consumption	kW	7	10
Power supply	V/Hz	400/3ph/50	400/3ph/50
Sound level	dB(A)	60	62
Reactivation power	kW	6.7	9.25
Electrical (E), steam (S), gas (G) react. option		E	E
Filter class		3	3
Product size (l x w x h)	mm	1050 x 600 x 690	1050 x 600 x 690
Weight	kg	80	80

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INDUSTRIAL DRYING ADSORPTION



DT 1300
DT 2300
DT 3300

Optional accessories

- Air cooled condenser
- Moisture control via external moisture sensor
- Step-less control via 0-10V signal
- Communication with building management system via Modbus, Canbus or via Web server



Features

- Insulated housing in stainless steel
- PTC reactivation heater, eliminates the risk of overheating and allows step-less capacity control
- Built-in PLC with touch screen as standard
- Rotation guard, filter alarm, run-time-meter and service alarm as standard



Applications



- Process air systems
- Store rooms
- Pharmaceutical production
- Pumping stations
- Film production
- Electronics manufacturing
- Confectionery and food production
- Museums and art galleries
- Cold storage

Specifications	Units	DT 1300	DT 2300	DT 3300
Dehumidification @ 20°C/60% RH	kg/h	9.5	13.8	14.7
Dry air flow	m ³ /h	1300	2300	3300
Available pressure	Pa	200	430	450
Wet air flow	m ³ /h	400	500	120
Available pressure	Pa	320	230	180
Power consumption	kW	13.6	19	20.6
Power supply	V/Hz	400/3ph/50	400/3ph/50	400/3ph/50
Sound level	dB(A)	63	71	70.4
Reactivation power	kW	13.0	17.5	18
Electrical (E), steam (S), gas (G) react. option		E/S/G	E/S/G	E/S/G
Filter class		4	4	4
Product size (l x w x h)	mm	1199 x 807 x 1170	1199 x 807 x 1170	1199 x 807 x 1170
Weight	kg	200	200	205

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INDUSTRIAL DRYING ADSORPTION



DT 3500



Features

- Insulated housing in stainless steel
- PTC reactivation heater, eliminates the risk of overheating and allows step-less capacity control
- Built-in PLC with touch screen as standard
- Rotation guard, filter alarm, run-time-meter and service alarm as standard

Optional accessories

- Air cooled condenser
- Moisture control via external moisture sensor
- Step-less control via 0-10V signal
- Communication with building management system via Modbus, Canbus or via Web server

Applications

- Process air systems
- Store rooms
- Pharmaceutical production
- Pumping stations
- Film production
- Electronics manufacturing
- Confectionery and food production
- Museums and art galleries
- Cold storage

Specifications	Units	DT 3500
Dehumidification @ 20°C/60% RH	kg/h	19.2
Dry air flow	m ³ /h	3500
Available pressure	Pa	170
Wet air flow	m ³ /h	850
Available pressure	Pa	260
Power consumption	kW	28.7
Power supply	V/Hz	400/3ph/50
Sound level	dB(A)	71
Reactivation power	kW	26
Electrical (E), steam (S), gas (G) react. option		E/S/G
Filter class		4
Product size (l x w x h)	mm	1199 x 807 x 1170
Weight	kg	210

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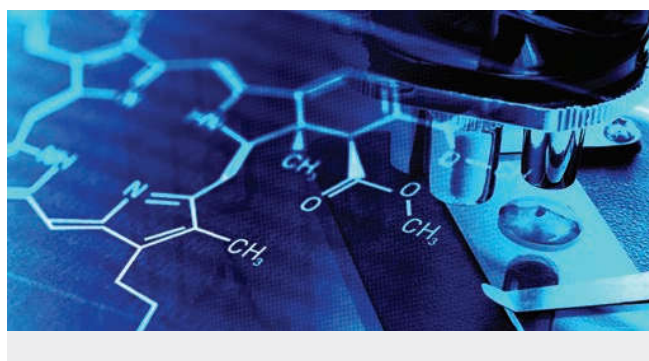
INDUSTRIAL DRYING ADSORPTION



DT 4500
DT 5800

Optional accessories

- Air cooled condenser
- DDC controls



Features

- Insulated housing in stainless steel
- Controls including, humidity sensor operation, alarm system, and different options for dry air fan operation
- Reactivation heater type according to customer specifications

Applications



- Process air systems
- Store rooms
- Pharmaceutical production
- Pumping stations
- Film production
- Electronics manufacturing
- Confectionery and food production
- Museums and art galleries
- Cold storage

Specifications	Units	DT 4500	DT 5800
Dehumidification @ 20°C/60% RH	kg/h	24.6	29.3
Dry air flow	m ³ /h	4500	5800
Available pressure	Pa	800	420
Wet air flow	m ³ /h	1300	1300
Available pressure	Pa	180	240
Power consumption	kW	40.8	44.8
Power supply	V/Hz	400/3ph/50	400/3ph/50
Sound level	dB(A)	72	72
Reactivation power	kW	36.0	40.0
Electrical (E), steam (S), gas (G) react. option		E/S/G	E/S/G
Filter class		4	4
Product size (l x w x h)	mm	1800 x 1160 x 1221	1800 x 1160 x 1221
Weight	kg	410	410

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INDUSTRIAL DRYING ADSORPTION



DT 6000



DT 8000



Features

- Insulated housing with panels and inspection doors
- Possible to transport by forklift
- Internal purge zone reducing energy consumption and increasing the capacity
- Control system

Applications

- Process air systems
- Store rooms
- Pharmaceutical production
- Pumping stations
- Film production
- Electronics manufacturing
- Confectionery and food production
- Museums and art galleries
- Cold storage



Specifications	Units	DT 6000	DT 8000
Dehumidification @ 20°C/60% RH	kg/h	39	53
Dry air flow	m ³ /h	6000	8000
Available pressure	Pa	440	280
Wet air flow	m ³ /h	1700	2500
Available pressure	Pa	325	150
Power consumption	kW	54.2	79.5
Power supply	V/Hz	400/3ph/50	400/3ph/50
Sound level	dB(A)	73	73
Reactivation power	kW	48	72
Electrical (E), steam (S), gas (G) react. option		E/S/G	E/S/G
Filter class		4	4
Product size (l x w x h)	mm	2000 x 1350 x 1780	2000 x 1350 x 1780
Weight	kg	900	950

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INDUSTRIAL DRYING ADSORPTION



DT 13000



DT 27000



Features

- Insulated housing with panels and inspection doors
- Possible to transport by forklift
- Internal purge zone reducing energy consumption and increasing the capacity
- Control system

Applications

- Process air systems
- Store rooms
- Pharmaceutical production
- Pumping stations
- Film production
- Electronics manufacturing
- Confectionery and food production
- Museums and art galleries
- Cold storage



Specifications	Units	DT 13000	DT 19000	DT 27000
Dehumidification @ 20°C/60% RH	kg/h	86	126	182
Dry air flow	m ³ /h	13000	19000	27900
Available pressure	Pa	590	440	400
Wet air flow	m ³ /h	4200	6000	6980
Available pressure	Pa	200	450	250
Power consumption	kW	143.5	207.5	309.0
Power supply	V/Hz	400/3ph/50	400/3ph/50	400/3ph/50
Sound level	dB(A)	-	72	-
Reactivation power	kW	132	192	288
Electrical (E), steam (S), gas (G) react. option		E/S/G	E/S/G	E/S/G
Filter class		4	4	4
Product size (l x w x h)	mm	2250 x 1600 x 2300	2400 x 1900 x 2500	2900 x 1900 x 2500
Weight	kg	1350	1700	2400

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