STERLING

Blending | Conveying | **Drying**
Process Cooling | Heat Transfer | Size Reduction

AD Series

Products for Resin Drying

Energy Efficient

Low Maintenance

First Class Drying Performance

Flexible Configurations

Advanced Controls

The widest range of desiccant wheel dryers, specifically designed to deliver an efficient and affordable dehumidification. Processing from 1 - 3,400 pounds per hour.

www.sterlco.com

Energy Efficient

Reduce Operating Costs

Optimized desiccant wheel and regeneration cycle provide increased efficiency that lowers energy consumption. SMART Mode adjusts process air flow which reduces energy usage and helps prevent resin over-drying.

Low Maintenance

Increased Productivity With Reliable Uptime

Minimize downtime in your operation with the AD Series. It requires less frequent servicing and lowers operating costs.

First Class Drying Performance

Produce High-Quality Parts

The highly capable desiccant wheel dryer maintains a consistent dew point down to -58° F ensuring consistent part to part quality.

Flexible Configurations

Optimize Floor Space Utilization

Portable carts, integrated conveying, and machine mounted configurations in a compact design allow integration into nearly any unique factory footprint.

Advanced Controls

Improve Factory Intelligence

Color touch screen, industry 4.0 compatible, powered by proprietary controls to provide a robust platform to easily capture and act on process data.

AD SERIES DESICCANT WHEEL DRYER

Performance Paired With Efficiency

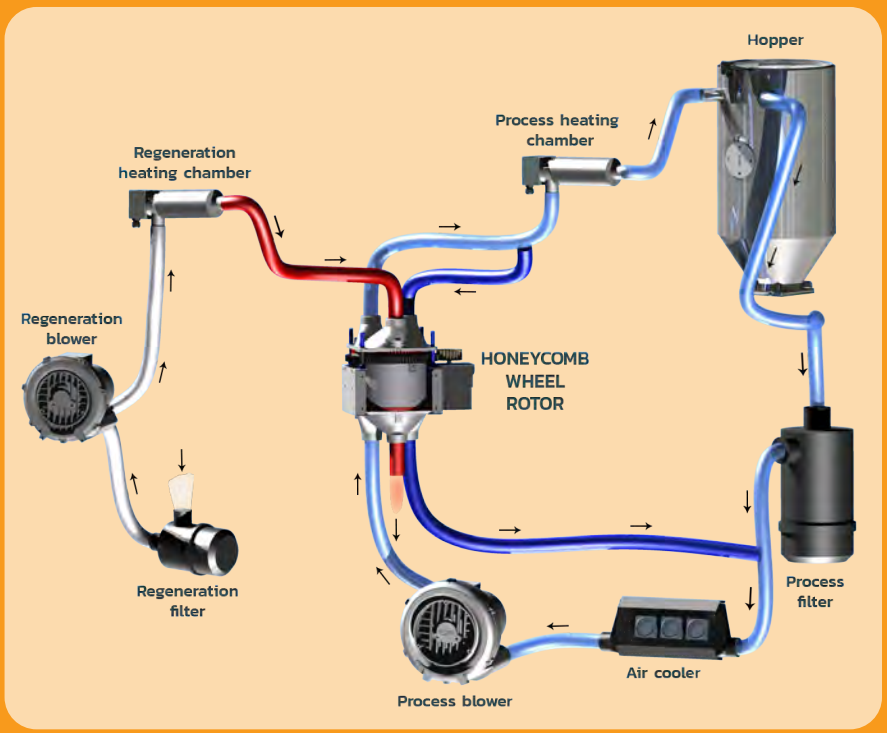
Sterling brings a century of experience to provide premium value and quality. The ADP Series Desiccant Bed Dryer leverages the Sterling legacy and expertise to provide a system that is suited for most drying applications including extrusion, injection molding, and blow molding.

Desiccant wheel dryers are the new generation of desiccant dehumidifying dryers. They are far more efficient, more compact, and require less maintenance. Traditional dehumidifying dryers use a large volume of molecular sieves in pellet form composed of at least 30% clay, which tends to degrade very easily over time. The desiccant wheel instead is completely different, constructed from a pure molecular sieve formed into a steel reinforced honeycomb structure.

How Does a Wheel Dryer Work?

The wheel dryer operates through three simultaneous processes: drying, regeneration, and cooling.

- In the drying loop, humid air from the drying hopper passes through a filter, cooler and blower to the desiccant wheel, extracting moisture before returning to the drying hopper.
- The regeneration process removes moisture from the desiccant wheel using a separate filter, blower and heating chamber, expelling hot, moist air.
- Cooling follows regeneration, where a portion of cooler air is directed to the desiccant wheel before the heater, enhancing its moisture absorption for the next drying cycle.



AD SERIES DESICCANT WHEEL DRYER

Engineered for Efficiency & Performance

Desiccant Wheel Drying Technology is Known for Excellent Drying Performance

The AD Series desiccant wheel dryers are efficient, desiccant dehumidifying dryers uniquely designed to serve the plastics industry. The AD Series dryers are available in three versatile configurations to meet the needs of the most demanding processing situations.

Ideal for most beside-the-press drying applications and small central drying systems. Capacities range from 1 - 3,400 pounds per hour (PPH). These machines use a high-resolution touch screen HMI equipped with SMART mode which optimizes drying performance and energy use. The SMART mode control auto regulates the air flow with a Variable Frequency Drive to prevent resin overdrying.

ADP Series

ADW Series

ADC Series

Flexible System Configurations

The AD Series desiccant wheel dryers are available in three versatile configurations: ADP, ADW, and ADC. Each is equipped with the flexibility to meet the most demanding application requirements.

ADP Series

The ADP Series is flexible because the dryer & drying hopper are independently mounted, giving you more flexibility on the size of the dryer for your throughput needs. The ADP Series is available in the widest range of throughput rates from 1 - 3,400 PPH.

ADW Series

The ADW Series has the most compact footprint, allowing the dryer & drying hopper to mount directly to the feed throat of a process machine. Ideal for applications where floor space is limited. It can also be cart mounted to fit a variety of processing needs. The ADW Series is available with throughput rates from 1 - 160 PPH.

ADC Series

Take advantage of an all-in-one solution to drying with the ADC Series. The ADC allows the operator to automatically convey material to the drying hopper and the process machine with integrated convey and controls which means no additions or expansions to existing conveying systems are required. The ADC Series has throughput rates of 12 - 250 PPH, and allows for conveying distances of 6 feet horizontally and 8 feet vertically.

Applications

The AD Series desiccant wheel dryers are suitable for a wide range of materials and plastic manufacturing needs. Typical applications include, but are not limited to, the following:

- Injection molding
- Extrusion
- Regrind/Recycling
- Blow molding
- Roto-molding
- Thermoforming

Features for Smart Energy and Material Usage

Desiccant Wheel Drying Technology is Known for Excellent Drying Performance

AD Series desiccant wheel dryers stand out due to energy efficiency, surpassing traditional desiccant bed dryers and compressed air dryers. The AD Series dryers possess a number of energy savings features that result in cost savings and reduced environmental impact.

Adjustable Air Flow
This feature has two modes - Manual and Advanced

- **Manual mode adjustable air flow:** Allows the operator to set the air flow rate as a percentage of maximum air flow. The dryer then maintains this air flow rate for the entire process run.
- **Advanced mode adjustable air flow:** Allows the operator to select from pre-loaded recipes for resin type and throughput rate. The operator has the ability to add their own custom recipes as well. Advanced mode adjusts air flow specific to the selected recipe which saves energy over the default selection of 100% airflow.

SMART Mode
Process return air is monitored with SMART Mode. When process air and process return air are the same temperature, this means the material in the drying hopper is dry. This sends a signal to the process blower to slow down which prevents over-drying of the resin.

Air Flow Balancing
Each dryer/hopper has an independent blower to ensure proper air flow at each drying hopper. The required air flow changes as the level in each hopper changes.

Material Protection Management/ Temperature Set Back
Protects the material from over-drying by monitoring return air temperature and reducing the temperature if material is dry.

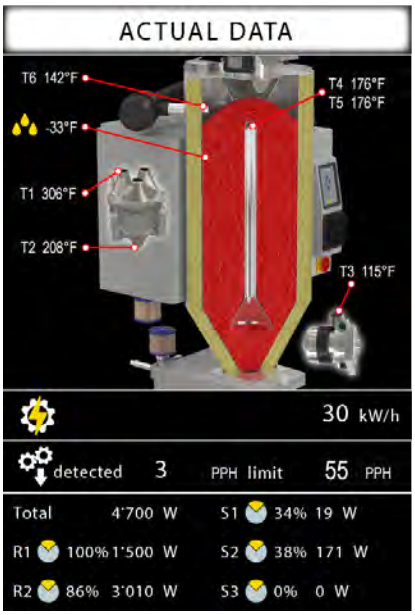
HALO
This device is installed below a receiver, weighs real time resin throughput allowing real time management of material usage. Halo monitors resin usage and controls drying parameters according to real time production needs.

Auto Start
Allows the operator to set a predetermined start time for the dryer, ensuring that the resin is ready to use at the start of a production shift.

Advanced Controls

Intuitive Controls Provide Ease of Operation and Performance Monitoring

The AD Series dryer comes standard with an intuitive and industry proven controls platform. The high resolution 7 inch touch screen provides easy operation of the dryer. The home screen displays a visual reference of process data and critical drying parameters.



All drying data on a single screen at one glance: drying temperature, dew point, material throughput, power used, and total energy consumption.

Quickly see the residence time and pounds per hour process rates.

The PLC (programmable logic controller) with color touch screen and monitoring capabilities provides a great platform to visualize and adjust drying parameters.

The control interface gives operators power at their fingertips with many standard data logging capabilities. Visual data shows critical parameters that depict dryer performance and monitor the dryer for specific maintenance needs.

Modular Central Drying Systems

In central drying systems, dryers are situated within a designated drying room that is usually separate from the process equipment. Traditional central drying systems use one large dryer for multiple presses. Sterling's modular central drying approach uses multiple, smaller dryers that offer several benefits not found when using a single large central dryer.

The modular approach provides easy future expansion, continuity in production, uses less floor space, and provides important energy savings.

- **Redundancy Maximizes Uptime.** If one dryer stops, the others can continue the processing. This ensures production keeps going and eliminates shutdowns linked to a single point of failure.
- **Adjustable Air Flow = Less Energy.** In traditional central drying, the dryer is running with full power. With a modular approach, the airflow adapts to production needs so less energy is consumed, and the likelihood of over drying is reduced.
- **Process Optimization.** Drying parameters can be adjusted for each material separately and the drying process can be fine tuned according to each material's unique characteristics.

AD Series Modular Central Drying

Production Safety

+ Easy to use and control
+ One unit fails - all others work
+ Individual maintenance

Energy Efficiency

+ Air flow adapts to production
+ Dryers have individual temperatures and lower regeneration temperatures

Future Expansion

+ Easy to add on a new dryer, any size or dimension

Sterling has the flexibility to offer traditional central drying systems with one larger dryer upon request.

Accurate Control of Your Raw Material

The Halo is a weighing ring installed below a receiver, enabling real-time measurement of the material throughput. This provides precise control over a critical aspect of plastic production costs: the raw material. It offers a convenient method for monitoring material consumption for individual machines and the entire production process, complete with long-term data storage. The conveying system can be an Sterling system or third party individual hopper loader or a central system receiver. Halo is also available for integration into AD drying systems to control the drying parameters according to real-time production needs.

Measurement in Real Time
Accurately measure material throughput in lbs/hr in real time.

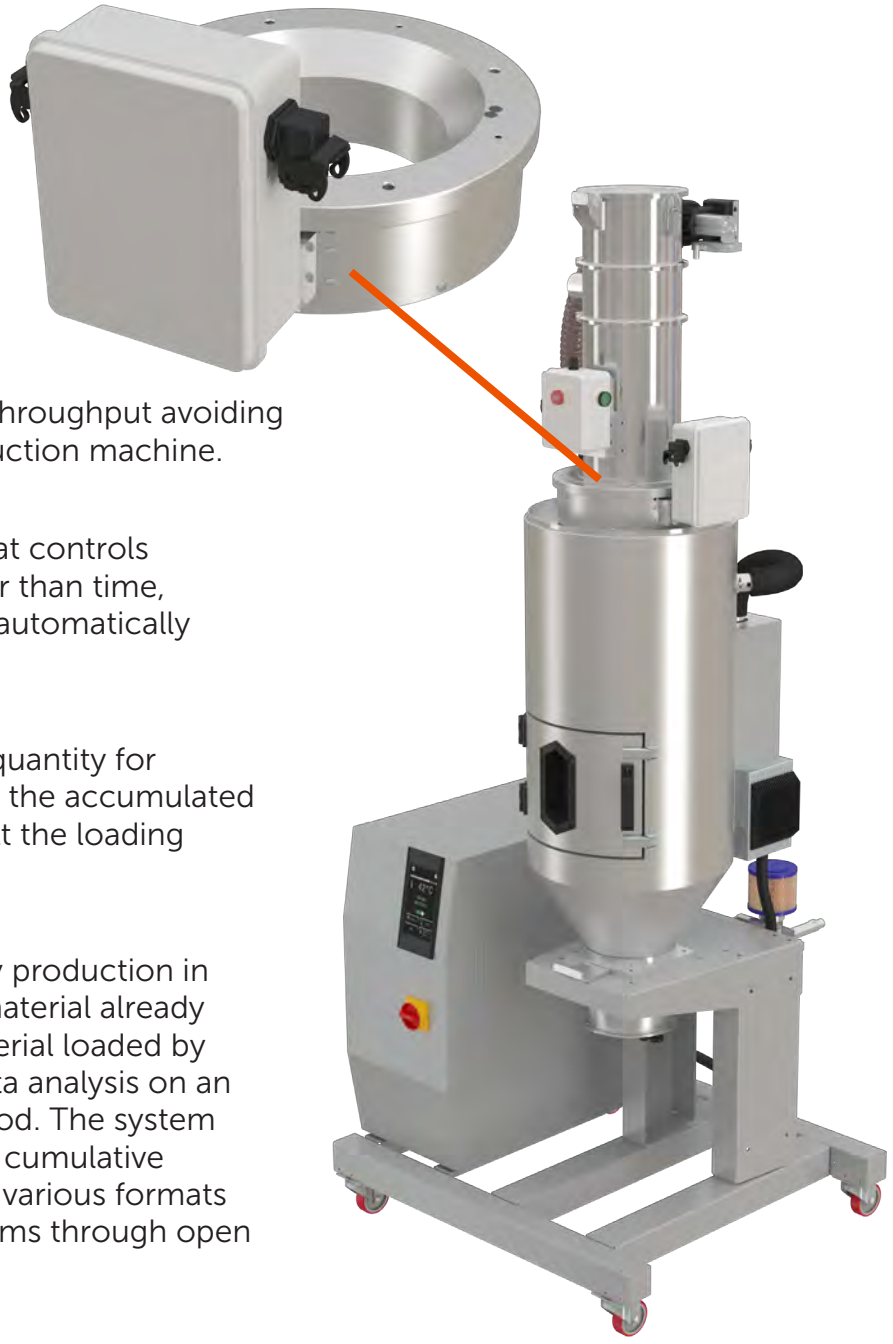
Automatic Adjustment
The dryer and the drying parameters are controlled by the Halo, adapting automatically to the production process.

Maximum Production
Set an alarm for exceeding the maximum throughput avoiding conveying of undried material to the production machine.

Conveying by Weight
The Halo is the only product worldwide that controls a conveying system based on weight rather than time, as is typically done. The conveying time is automatically defined by the Halo.

Batch
The operator can input a desired material quantity for production, and the Halo will keep track of the accumulated weight, display the remaining time, and halt the loading process upon reaching the batch weight.

Data Storage
The Halo can detect and display the hourly production in lbs/hr, along with the precise quantity of material already used. It can calculate and store all the material loaded by the receiver, which can be retrieved for data analysis on an hourly, daily, monthly, or custom time period. The system tracks the conveyed material quantity. The cumulative material consumption data is accessible in various formats and can also be integrated into other systems through open communication channels.



AD SERIES DESICCANT WHEEL DRYER

System Flexibility to Meet Your Processing Needs

Features & Benefits

HONEYCOMB DESICCANT WHEEL
- Constant dew point (no dew point or heat spikes)
- Lower regeneration energy consumption

AIR-TO-AIR RETURN AIR COOLING
- System efficiency - no tower, chilled water or compressed air required

VARIABLE SPEED PROCESS BLOWER
- Consumes less energy (process air matched to throughput rate)
- Reduces chance of over drying resin (SMART mode)

VARIABLE SPEED REGENERATION BLOWER
- Consumes less energy (regeneration airflow can be adjusted to maintain dewpoint)

ENERGY METER
- Indicates kW consumption

REAL-TIME THROUGHPUT DETECTION WITH HALO
- Displays in lbs/hour and kg/hour

Options to Help You Get More from Your Production Floor.

- **Dew Point Sensors**
- **Level Sensors**
- **Filter Sensor**
- **Take off Boxes**
- **1 - 2 Station Conveying**
- **Remote Control**
- **Modbus RTU Communications**
- **Various Mobile & Stationary Frames**
- **Pre-Cooler**
- **Standard Voltage:**
  - 460/3/60
  Optional Voltages:
  - 230/3/60
  - 575/3/60

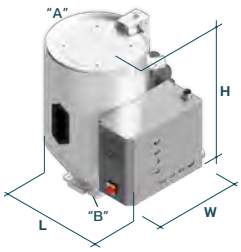
AD SERIES DESICCANT WHEEL DRYER

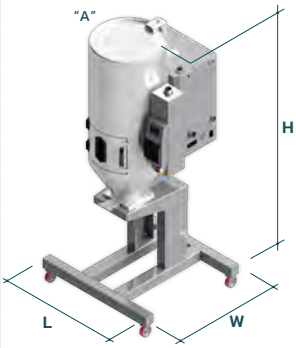
ADW SERIES SPECIFICATIONS

ADW Model	UNIT	ADW-14	ADW-25	ADW-50	ADW-80	ADW-160
Process air flow • Cubic Feet per Minute CFM/Cubic Meters per Hour CMH	Min [ft3/min]/CMH	1.8/3	3.6/6	12/20	18/30	44/75
	Max [ft3/min]/CMH	8.3/13.8	14.8/24.7	29.5/50	47/80	94/160
Regeneration air flow • Cubic Feet per Minute CFM/Cubic Meters per Hour CMH	Min [ft3/min]/CMH	0.9/1.5	1.8/3	3/5	5.9/10	5.9/10
	Max [ft3/min]/CMH	3.0/5	5.9/9.8	8.9/15	35.5/60	35.5/60
MIN Processing Temperature	[°F]/C	122/50	122/50	131/55	131/55	131/55
MAX Processing Temperature Standard (MT)	[°F]/C	365/185	365/185	365/185	365/185	365/185
DEWPOINT	[°F]/C	-40/-40	-40/-40	-49/-45	-49/-45	-58/-50
Drying heater power	[kW]	0.45	1.0	2.5	3.5	7
Regeneration heater power	[kW]	0.45	1.0	1.5	1.5	3.5
Heating and regeneration blowers power	[kW]	0.075	0.075	0.2	0.5	1.6
Total combined power	[kW]	0.97	2.16	4.2	5.5	12.1
Power supply voltage	(V)	1 phase 120V 50/60Hz	1 phase 120V 50/60Hz	3 phase 60V 50/60Hz	3 phase 460V 50/60Hz	3 phase 460V 50/60Hz
Full load amps	(A)	8.4	18.2	9.1	9.9	17.9
Inlet / Outlet hose diameter	[in], cm	2/1.5	1.5	2, 5.1	2, 5.1	2.5, 6.4
Regeneration hose diameter	[in], cm	1.5	1.5	1.5, 3.8	1.5, 3.8	2, 5.1
Dryer weight	[lbs], kg	33	60	115, 52.2	122, 53.3	353, 160.1

Dryer & Drying Hopper Combinations

		Without Stand			With Stand					
Model	Hoppers Ft^3	L in.	W in.	H in.	L in.	W in.	H in.	Air Hose in.	Hopper Base Flange Diameter "B" in.	Lid Flange Diameter "A" in.
ADW-14	AH06 - 0.2	18.8	20.9	15.5	37	33.5	47.6	1.49	4.9"	3.9"
ADW-14	AH15 - 0.5	20.5	23.7	25.1	37	33.5	53.2	1.49		7
ADW-14	AH30 - 1.05	25.1	23.7	27.6	37	33.5	55.6	1.49	6.4"	11"
ADW-25	AH30 - 1.05	29.8	26.6	27.6	37	33.5	55.6	1.49		
ADW-25	AH50 - 1.7	29.8	26.6	38.5	37	33.5	58.6	1.49		
ADW-25	AH75 - 2.6	34.2	28.3	39.6	37	33.5	67.7	1.49		
ADW-50	AH75 - 2.6	31.8	32.6	39.6	37	34.7	67.7	2	8.3"	
ADW-50	AH100 - 3.5	31.8	32.6	48.3	37	34.6	76.3	2		
ADW-50	AH150 - 5.3	34.2	36.2	52.6	37	36.7	80.7	2		
ADW-80	AH100 - 3.5	31.8	34.2	48.3	37	34.6	76.3	2		
ADW-80	AH150 - 5.3	34.1	37.8	52.6	37	36.7	82.1	2		
ADW-80	AH200 - 7.1	34.1	37.8	64.8	37	38.3	92.8	2		
ADW-160	AH300 - 10.6	-	-	-	42.1	50.4	98.8	2.5	13.8"	
ADW-160	AH400 - 14.1	-	-	-	42.1	50.4	108.7	2.5		
ADW-160	AH600 - 21.2	-	-	-	48.5	58.3	105.7	2.5		
ADW-160	AH800 - 28.3	-	-	-	48.5	58.3	119.9	2.5		



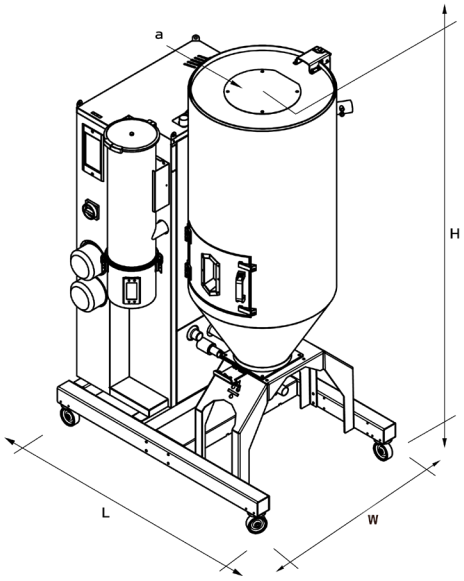


ADC SERIES SPECIFICATIONS

ADC Model	UNIT	ADC-25	ADC-50	ADC-80	ADC-160	ADC-250
Process air flow • Cubic Feet per Minute CFM/Cubic Meters per Hour CMH	Min [ft3/min]/ CFM	7.5/12.5	12/20	18/30	44/75	71/121
	Max [ft3/min]	14.8/24.7	29.5/50	47/80	94/160	147/250
Regeneration air flow • Cubic Feet per Minute CFM/Cubic Meters per Hour CMH	Min [ft3/min]	1.8/3	3/5	5.9/10	5.9/10	5.9/10
	Max [ft3/min]	5.9/9.8	8.9/15	35.5/60	35.5/60	53/90
MIN Processing Temperature	[°F]/C	122/50	122/50	131/55	131/55	131/55
MAX Processing Temperature Standard (MT)	[°F]/C	365/185	365/185	365/185	365/185	302/150
MAX Processing Temperature HT = high temp	[°F]/C					365/185
DEWPOINT	[°F]/C	-40/-40	-58/-50	-58/-50	-58/-50	-58/-50
Drying heater - standard temperature power	[kW]	1.0	2.5	3.5	7	7
Drying heater - high temperature power	[kW]	1.0	2.5	3.5	7	14
Regeneration heater power	[kW]	1.0	1.5	1.5	3.5	3.5
Conveying blower power	[kW]	1.1	1.1	1.1	2.2	2.2
Total combined power - standard temperature	[kW]	3.2	5.1	6.1	12.7	12.7
Total combined power - high temperature	[kW]	3.2	5.1	6.1	12.7	19.7
Power supply voltage	(V)	3 phase 460V 60Hz	3 phase 460V 60Hz	3 phase 460V 60Hz	3 phase 460V 60Hz	3 phase 460V 60Hz
Full load amps Standard Temp	(A)	5.0	15	16	22	25.6
Full load amps High Temp	(A)	5.0	15	16	22	34.8
Inlet / Outlet hose diameter	[in], cm	1.5/3.8	2/5.1	2/5.1	2.5/6.4	2.5/6.4
Regeneration hose diameter	[in], cm	1.5/3.8	1.5/3.8	1.5/3.8	2/5.1	2/5.1
Conveying line size	[in], cm	1.5	1.5/3.8	1.5/3.8	2/5.1	2/5.1
Weight (excludes hopper & receivers)	[lbs], kg	275/125	308/140	330/150	tbd	tbd
Conveying parameters	FT	6' H, 8' V	6' H, 8' V	6' H, 8' V	tbd	tbd

Dryer & Drying Hopper Combinations

Model	Hoppers Ft^3	Dimensions in Inches (mm)			Door	Filter	"a" In. (mm)
		L	W	H			
ADC-25	AH30 - 1.05	45 (1140)	32 (790)	52 (1298)	no	fabric	11" (280)
ADC-25	AH50 - 1.7	45 (1140)	32 (790)	62 (1573)			
ADC-50	AH75 - 2.6	45 (1140)	32 (790)	63 (1603)		cyclone - fabric	
ADC-50	AH100 - 3.5	45 (1140)	32 (790)	72 (1823)	yes		
ADC-50	AH150 - 5.3	45 (1140)	32 (790)	76 (1928)			
ADC-80	AH100 - 3.5	45 (1140)	32 (790)	72 (1823)			
ADC-80	AH150 - 5.3	45 (1140)	32 (790)	76 (1928)			
ADC-80	AH200 - 7.1	45 (1140)	32 (790)	88 (2242)			
ADC-160	AH300 - 10.6	56.7 (1440)	48 (1233)	94 (2396)			
ADC-160	AH400 - 14.1	56.7 (1440)	48 (1233)	104.2 (2648)			
ADC-160	AH600 - 21.2	66 (1680)	49 (1247)	105.7 (2684)			
ADC-160	AH800 - 28.3	66 (1680)	49 (1247)	120 (3046)			
ADC-250	AH300 - 10.6	56.7 (1440)	48 (1233)	94 (2396)			
ADC-250	AH400 - 14.1	56.7 (1440)	48 (1233)	104.2 (2648)			
ADC-250	AH600 - 21.2	66 (1680)	49 (1247)	105.7 (2684)			
ADC-250	AH800 - 28.3	66 (1680)	49 (1247)	120 (3046)			



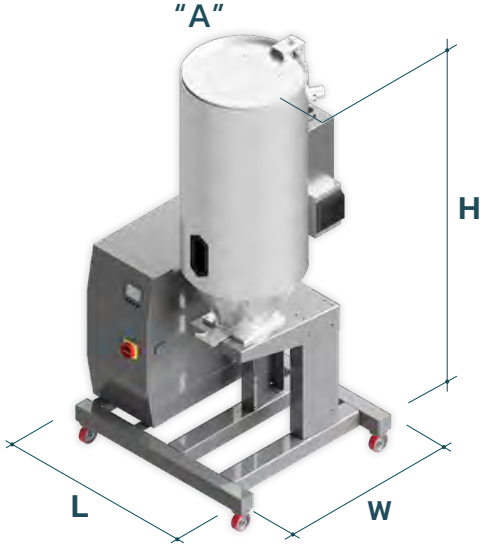
ADP SERIES SPECIFICATIONS

ADP Model	UNIT	ADP-50	ADP-80	ADP-160	ADP-250	ADP-400
Process air flow • Cubic Feet per Minute CFM/Cubic Meters per Hour CMH	Min [ft3/min]/CMH	12/20	18/30	44/75	71/121	106/180
	Max [ft3/min]/CMH	29.5/50	47/80	94/160	147/250	236/401
Regeneration air flow • Cubic Feet per Minute CFM/Cubic Meters per Hour CMH	Min [ft3/min]/CMH	3/5	5.9/10	5.9/10	5.9/10	35.5/60
	Max [ft3/min]/CMH	8.9/15	35.5/60	35.5/60	53/90	88.5/150
MIN Processing Temperature	[°F]/C	122/50	131/55	131/55	131/55	131/55
MAX Processing Temperature Standard (MT)	[°F]/C	365/185	365/185	365/185	302/150	302/150
MAX Processing Temperature HT = high temp	[°F]/C	*	*	*	365/185	365/185
DEWPOINT	[°F]/C	-49/-45	-49/-45	-58/-50	-58/-50	-58/-50
Drying heater - standard temperature power	[kW]	2.5	3.5	7	7	14
Drying heater - high temperature power	[kW]	2.5	3.5	7	14.02	21.03
Regeneration heater power	[kW]	1.5	1.5	3.5	3.5	7
Heating and regeneration blowers power	[kW]	0.22	0.52	1.64	2.5	3.95
Total combined power - standard temperature	[kW]	4.2	5.5	12.1	13.0	25.0
Total combined power - high temperature	[kW]	4.2	5.5	12.1	20.0	32.0
Power supply voltage	(V)	3 phase 460V 50/60Hz	3 phase 460V 50/60Hz	3 phase 460V 50/60Hz	3 phase 460V 50/60Hz	3 phase 460V 50/60Hz
Full load amps Standard Temp	(A)	9.1	9.9	17.9	21.5	40.5
Full load amps High Temp	(A)	9.1	9.9	17.9	31	49.5
Inlet / Outlet hose diameter	[in], cm	2, 5.1	2, 5.1	2.5, 6.4	2.5, 6.4	4.5, 11.4
Regeneration hose diameter	[in], cm	1.5, 3.8	1.5, 3.8	2, 5.1	2, 5.1	2.5, 6.4
Dryer weight	[lbs], kg	102, 46.3	104, 47.2	302, 137	320, 145	598, 271.3

Dryer & Drying Hopper Combinations

Model	Hoppers Ft^3	Dimensions in Inches			Air Hose in.	Lid Flange Diameter "A" in.
		L	W	H		
ADP-50	AH75 - 2.6	37	33.5	67.7	2	11"
ADP-50	AH100 - 3.5	37	33.5	77.8	2	
ADP-50	AH150 - 5.3	37	33.5	80.7	2	
ADP-80	AH100 - 3.5	37	33.5	77.8	2	
ADP-80	AH150 - 5.3	37	33.5	80.7	2	
ADP-80	AH200 -7.1	37	33.5	92.3	2	
ADP-160	AH200 -7.1	56.7	45.5	90.5	2.5	
ADP-160	AH300 - 10.6	56.7	45.5	94.4	2.5	
ADP-160	AH400 - 14.1	56.7	45.5	103.8	2.5	
ADP-160	AH600 - 21.2	66.1	45.7	105.7	2.5	
ADP-250	AH300 - 10.6	56.7	45.5	94.4	2.5	
ADP-250	AH400 - 14.1	56.7	45.5	103.8	2.5	
ADP-250	AH600 - 21.2	66.1	45.7	105.7	2.5	
ADP-250	AH800 - 28.3	66.1	46.5	119.9	2.5	
ADP-400	AH600 - 21.2	72	49.2	106.4	4.5	
ADP-400	AH800 - 28.3	72	49.2	120.7	4.5	
ADP-400	AH1200 - 42.2	72	49.2	144.1	4.5	

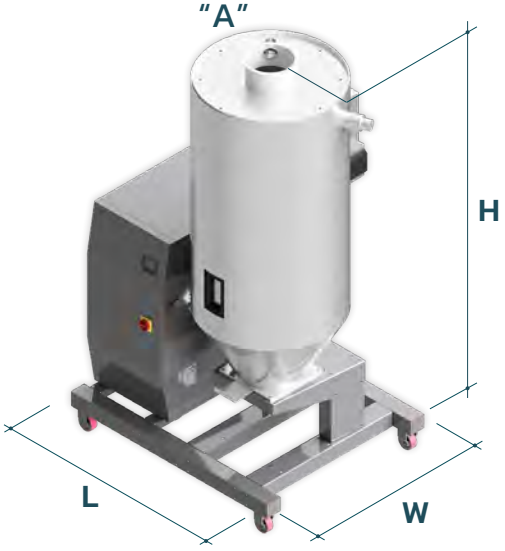
Hoppers 75L - 200L



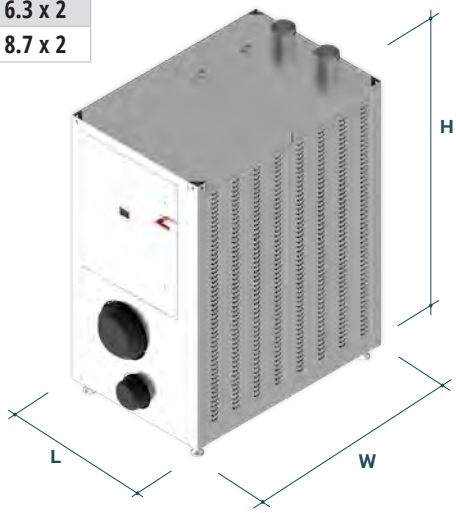
ADP SERIES SPECIFICATIONS (CONTINUED)

ADP Model	UNIT	ADP-630	ADP-900	ADP-1200	ADP-1700	ADP-2500	ADP-3400
Process air flow • Cubic Feet per Minute CFM/Cubic Meters per Hour CMH	Min [ft3/min]/CMH	177/301	200/340	265/450	530/900	530/900	530/900
	Max [ft3/min]/CMH	371/630	530/900	706/1200	1000/1700	1472/2501	2040/3400
Regeneration air flow • Cubic Feet per Minute CFM/Cubic Meters per Hour CMH	Min [ft3/min]/CMH	47/80	41/70	41/70	142/241	82/139	284/482
	Max [ft3/min]/CMH	142/241	200/340	265/400	354/601	530/900	708/1202
MIN Processing Temperature	[°F]/C	131/55	131/55	131/55	131/55	131/55	131/55
MAX Processing Temperature Standard (MT)	[°F]/C	302/150	302/150	302/150	302/150	302/150	302/150
MAX Processing Temperature HT = high temp	[°F]/C	365/185	365/185	365/185	365/185	365/185	365/185
DEWPOINT	[°F]/C	-58/-50	-58/-50	-58/-50	-58/-50	-58/-50	-58/-50
Drying heater - standard temperature power	[kW]	21.5	35	41.9	56	84.3	112
Drying heater - high temperature power	[kW]	35.1	41.9	56	77.03	111.8	145
Regeneration heater power	[kW]	10.5	14	21.03	27.8	42.1	55
Heating and regeneration blowers power	[kW]	6.79	9.7	14.9	22.3	29.8	45
Total combined power - standard temperature	[kW]	38.8	58.7	77.8	106.1	156.2	213
Total combined power - high temperature	[kW]	52.4	65.6	91.9	127.1	183.7	255
Power supply voltage	(V)	3 phase 460V 50/60Hz	3 phase 460V 50/60Hz	3 phase 460V 50/60Hz	3 phase 460V 50/60Hz	3 phase 460V 50/60Hz	
Full load amps Standard Temp	(A)	61	99	134	187	268	374
Full load amps High Temp	(A)	80 (70)	108	153	215	305	430
Inlet / Outlet hose diameter	[in], cm	4.5, 11.4	6.3, 16	6.3, 16	8.7, 22.1	8.7, 22.1	2x8.7, 22.1
Regeneration hose diameter	[in], cm	2.5, 6.4	2x2.5, 2x6.4	2x2.5, 2x6.4	3x2.5, 3x6.4	4x2.5, 4x6.4	3x2.5, 3x6.4
Dryer weight	[lbs], kg	609, 276	1332, 604	1453, 659	2084, 945	2x1453, 2x659	4168, 1890

Hoppers 300L - 1200L



Model	L in.	W in.	H in.	Air Hose in.
ADP 630	25.6	62	62	4.5
ADP 900	43.1	78.9	63.3	6.3
ADP 1200	43.1	78.9	63.3	6.3
ADP 1700	45.9	81.3	88.4	8.7
ADP 2500	2 x 43.1	2 x 78.9	2 x 63.3	6.3 x 2
ADP 3400	2 x 45.0	2 x 81.3	2 x 88.4	8.7 x 2



Get More From Your Production Floor

Count on Sterling to bring you all the technologies you need to advance uptime, energy efficiency and performance in your operation. Turn to our technical support team to evaluate your expected system loads and load characteristics, energy and climate-related issues as well as incorporating new equipment with plastics processing equipment you already own.

Sterling History

Sterling has been an innovator in the industry for over 100 years. Mold temperature control units continue to be called "Sterlcos" because when you bring such an important product to market, the name sticks. Sterling brings a reputation of quality and unmatched reliability. As the industry leader, Sterling provides the largest line of process heating and cooling TCU's, chillers, and cooling systems. Sterling supplies innovative solutions to a wide range of process industries, and has grown to be a leader in blending, drying, conveying, and size reduction equipment.

Aftermarket Service & Support

Sterling has a service network across the United States and in several key international locations. We are focused on having the right people and products in the right places to keep our customers running efficiently. Whether you need On-Site Service, Technical Support & Training, Parts Support or even Product Repair & Refurbishment, we have you covered. Contact our team today for all of your aftermarket needs at 262-641-8600 or service@acscorporate.com.

About ACS Group

The ACS Group designs, manufactures, markets and supports one of the most comprehensive lines of auxiliary products for the plastics processing industry. Over the years, ACS Group has grown both organically through technical innovation and through acquisition. ACS Group offers an expansive product line, which includes size reduction equipment (granulators and shredders), material conveying equipment, metering and blending devices, heat exchangers (mold temperature controls units and chillers), drying systems, and hydraulic presses.

ACS GROUP

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