

# Drying



Storage



Conveying



Drying



Blending/Feeding



Heat Transfer



Size Reduction



Upstream



Downstream

## MicroWheel Dehumidifying Dryers

MW Models MW1 and MW2..... D-1

## Carousel Plus Dryers

dX Models 15, 25, 50, 75 and 100..... D-5  
MedLine® dX Models 15, 25, 50, 75 and 100..... D-9  
D Models 15, 25, 50, 75 and 100..... D-13  
MedLine® D Models 15, 25, 50, 75 and 100..... D-17  
dX Models 150 and 200..... D-21  
MedLine® dX Models 150 and 200..... D-25  
D Models 150, 200, 300 and 400..... D-29  
MedLine® D Models 150, 200, 300 and 400..... D-33  
D Models 600 – 5000..... D-37

## Drying Monitor

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DM3-i Model..... D-43

## Hopper Temperature Controllers

HP Heater Pack..... D-45  
HTC Models 30H-270H..... D-49

## Gas Process Air Heater

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## Hot Air Dryers

HAD Models 600-5000..... D-53

## Drying Hoppers

CH Series Insulated Hopper..... D-57  
DH Series Insulated Hoppers..... D-61

## Central Drying System

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## Compressed Air Dryer

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## Crystallizer

CR Series Crystallizers..... D-77



# Drying Quick Reference

Models		Temperature Range °F {°C}	Dewpoint	Nominal Throughput Range lbs/hr	
<b>MicroWheel Dehumidifying Dryers</b>				50 Hz or 60 Hz	
MW1-0.2	0.2 ft <sup>3</sup> ( lb)	131 to 356 {55 to 180}	-40° F	1-4	
MW1-0.5	0.5 ft <sup>3</sup> ( lb)	131 to 356 {55 to 180}	-40° F	4-10	
MW1-1.0	1.0 ft <sup>3</sup> ( lb)	131 to 356 {55 to 180}	-40° F	10-20	
MW2-1.0	1.0 ft <sup>3</sup> ( lb)	131 to 320 {55 to 160}	-40° F	6-20	
MW2-1.75	1.75 ft <sup>3</sup> ( lb)	131 to 320 {55 to 160}	-40° F	15-30	
<b>Mobile Drying &amp; Conveying</b>				60 Hz	50 Hz
dX15		150 to 375 {66 to 191}	-40° F	13 - 28	11 - 23
dX25		150 to 375 {66 to 191}	-40° F	22 - 45	18 - 37
dX50		150 to 375 {66 to 191}	-40° F	65 - 90	42 - 75
dX75		150 to 375 {66 to 191}	-40° F	67 - 135	56 - 116
dX100		150 to 375 {66 to 191}	-40° F	90 - 185	75 - 154
dX150		150 to 375 {66 to 191}	-40° F	135 - 250	112 - 208
dX200		150 to 375 {66 to 191}	-40° F	185 - 335	152 - 278
<b>Electric Dehumidifying Dryers</b>				60 Hz	50 Hz
D15		150 to 375 {66 to 191}	-40° F	13 - 28	11 - 23
D25		150 to 375 {66 to 191}	-40° F	22 - 45	18 - 37
D50		150 to 375 {66 to 191}	-40° F	50 - 90	37 - 75
D75		150 to 375 {66 to 191}	-40° F	67 - 140	56 - 116
D100		150 to 375 {66 to 191}	-40° F	90 - 185	75 - 154
D150		150 to 375 {66 to 191}	-40° F	135 - 250	112 - 208
D200		150 to 375 {66 to 191}	-40° F	185 - 335	154 - 278
D300		150 to 375 {66 to 191}	-40° F	250 - 450	208 - 374
D400		150 to 375 {66 to 191}	-40° F	345 - 620	286 - 515
D600		150 to 375 {66 to 191}	-40° F	350 - 725	290 - 600
D800		150 to 375 {66 to 191}	-40° F	475 - 1000	395 - 830
D1000		150 to 375 {66 to 191}	-40° F	600 - 1200	500 - 1000
D1300		150 to 375 {66 to 191}	-40° F	700 - 1625	647 - 1348
D1600		150 to 375 {66 to 191}	-40° F	975 - 2000	800 - 1660
D2000		150 to 375 {66 to 191}	-40° F	1200 - 2250	996 - 1867
D2400		150 to 375 {66 to 191}	-40° F	1500 - 3000	1245 - 2490
D3200		150 to 375 {66 to 191}	-40° F	2000 - 4000	1660 - 3230
D4000		150 to 375 {66 to 191}	-40° F	2525 - 5000	2095 - 4150
D5000		150 to 375 {66 to 191}	-40° F	3000 - 6250	2490 - 5180
<b>Compressed Air Dryers</b>				50 Hz or 60 Hz	
SL2.5		100 to 350	0 to -40° F*	0.4 to 25	
SL5		100 to 350	0 to -40° F*	0.8 to 3.3	
SL15		100 to 350	0 to -40° F*	5.0 to 1.5	
SL25		100 to 350	0 to -40° F*	8.3 to 16.6	
SL50		100 to 350	0 to -40° F*	16.0 to 50.0	
<b>Hot Air Dryer (HAD)</b>				50 Hz or 60 Hz	
HAD600		150 to 250 {38 to 121}	Ambient	up to 600	
HAD800		150 to 250 {38 to 121}	Ambient	up to 800	
HAD1000		150 to 250 {38 to 121}	Ambient	up to 1000	
HAD1600		150 to 250 {38 to 121}	Ambient	up to 1600	
HAD2400		150 to 250 {38 to 121}	Ambient	up to 2400	
HAD3200		150 to 250 {38 to 121}	Ambient	up to 3200	
HAD5000		150 to 250 {38 to 121}	Ambient	up to 5000	

\* with optional membrane

# Drying Quick Reference

## Models

HP Heater Pack (HP)		W600	W800	W1000	W1300	W1600	W2000	W2400	W3200	W4000	W5000	
HP38	<p>Conair's Heater Pack provides direct heat at the bottom of the hopper.</p> <p>This table shows the HP matched with an appropriately sized Central Dryer.</p>	■										
HP57			■	■								
HP76					■	■						
HP95							■					
HP114								■				
HP134									■			
HP190									■	■	■	
GasTrac Process Air Heater		W600	W800	W1000	W1300	W1600	W2000	W2400	W3200	W4000	W5000	
CGT150	<p>The GasTrac converts electric dryers to gas fuels. This table shows GasTrac's matched with an appropriately sized Central Dryer.</p>	■	■									
CGT250				■		■						
CGT350					■	■		■				
CGT500							■	■				
CGT700									■			

## Capacity Range, lb @ 35 lb/ft<sup>3</sup>

Models	100	200	300	400	500	600	700	800	900	1000	2000	3000	5000	7000	9500	12000	17000	
<b>Drying Hoppers</b>																		
CH10 through CH24 models (max 630)	■																	
CH33 through CH44 models (735-2030)							■											
DH54 through DH74 models (2450-1705)											■							
CH 100																■ (15,750 through 31,500)		