



# DE SERIES

## Dryer

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30 - 50 - 75 - 120 - 170  
pound capacities



# DE Series

Economy High Efficiency Dryers for General Laundry Applications and Small to Medium Sized On-Premise Laundries Including Hotel/Motel, Healthcare, Athletics, and Dry Cleaners.

## Outstanding Reliability and Efficiency at an Affordable Price

The DE Series is designed to be effortless and powerful while maintaining low cost of ownership:

- ◆ Low initial investment
- ◆ Fewer parts means less downtime
- ◆ Fast dry with higher heat output and higher airflow
- ◆ Easy installation
- ◆ Long lasting
- ◆ Low maintenance



### The M720 Advanced Microprocessor Control

- ◆ Easy to use
- ◆ 100 programs
- ◆ Trouble-free
- ◆ Advanced diagnostic ability
- ◆ Optional humidity sensing / Autodry
- ◆ Large easy to read display

### Standard Dual Timer Control

- ◆ 4 selectable temperatures
- ◆ 60 minute drying timer
- ◆ 15 minute cool down timer
- ◆ Push to start button
- ◆ Indicator lamps





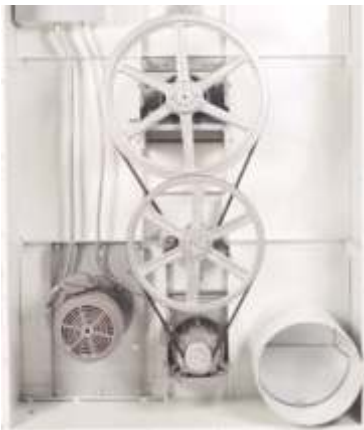
### **Large, Strong Door**

- ◆ Opens 180 degrees
- ◆ Gasket free to reduce maintenance
- ◆ Service free magnetic latch
- ◆ Safe and simple door opening switch

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### **Energy Efficient Insulated Construction**

- ◆ Fully enclosed cabinet
- ◆ Energy saving insulation
- ◆ Quiet operation
- ◆ Welded steel cabinet
- ◆ Advanced anti-corrosion coating



### **Rugged Drive System Built to Last**

- ◆ Fully enclosed fan cooled motors
- ◆ Cast iron pulleys
- ◆ Heavy duty steel base
- ◆ Reversing standard on DE-120 and DE-170
- ◆ Many voltages available
- ◆ Stainless steel drying cylinder

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### **Steam, Gas, or Electric Heating**

- ◆ Fast dry with superior heat input and airflow
- ◆ High efficiency design no matter the heat type
- ◆ Robust construction
- ◆ Smooth and even heating
- ◆ Steam damper system on DE-120 and DE-170



**The DE Series from B&C Technologies: Reliable, Durable, Affordable**

# Specifications

MODEL	Units		DE-30		DE-50		DE-75		DE-120		DE-170	
	US	Metric										
Maximum Capacity	lbs	kg	30	14	50	23	75	34	120	55	170	77
<b>Overall Dimensions</b>												
A - Width	inch	mm	31.5	800	38.75	984	38.75	984	47.25	1200	56.25	1429
B - Depth	inch	mm	42	1067	42.75	1086	47.75	1213	63	1600	66.5	1689
C - Height (max)	inch	mm	73	1854	76.5	1943	76.5	1943	88.75	2254	99.75	2534
<b>Drying Cylinder Information</b>												
Diameter	inch	mm	30	762	36.31	922	36.31	922	44.5	1130	51.5	1308
Depth	inch	mm	30	762	30	762	35.82	910	42.38	1076	42.5	1080
Volume	cu ft	liters	12.27	347	18	509	21.5	601	38.1	1080	51.24	1451
<b>Motor Sizing</b>												
Drive Motor	HP	kW	1	0.75	1	0.75	1	0.75	1	0.75	2	1.5
Blower Motor	HP	kW	1	0.75	1	0.75	1	0.75	3	2.25	7.5	5.625
<b>Door</b>												
Door Opening Diameter	in	mm	21.37	543	25.65	652	25.62	651	32.37	822	35.5	902
Height to Bottom of Door	in	mm	32.25	819	30.25	768	30.25	768	27.25	692	32.5	826
<b>Gas Heating</b>												
Air Flow	CFM	cmm	500	14	750	21.25	900	25	2200	62	4000	113
Heat Input	BTU/hr	kcal/hr	90000	22500	130000	32500	200000	50000	375000	93750	550000	137500
Gas Inlet	Inch	mm	1/2	12.7	1/2	12.7	3/4	19	1	25	1	25
Air Outlet	inch	mm	8	203	8	203	8	203	12	305	16	406
<b>Electrical Requirements</b>												
120VAC, 60Hz, 1PH	Amp	Breaker	10	20	12	20	14	20	n/a	n/a	n/a	n/a
208-230V, 50/60Hz, 1PH	Amp	Breaker	7	15	10	15	11	15	n/a	n/a	n/a	n/a
208-230V, 50/60Hz, 3PH	Amp	Breaker	5	15	6	15	9	15	23	30	32	40
380-460V, 50/60Hz, 3PH	Amp	Breaker	1.4	10	3.5	15	4.5	15	11	15	16	20
<b>Steam Heating</b>												
Air Flow	CFM	cmm	500	14	750	21.25	900	25	2200	62	4000	113
Steam Consumption	BHP	kW	2.6	25.5	4.6	45.12	6.5	63.76	19	186.38	27	264.86
Operating Pressure	psi	bar	80-125	5.5-8.6	80-125	5.5-8.6	80-125	5.5-8.6	80-125	5.5-8.6	80-125	5.5-8.6
Steam Supply	inch	mm	3/4	19	3/4	19	3/4	19	1-1/2	38	1-1/2	38
Air Outlet	inch	mm	8	203	8	203	8	203	12	305	16	406
<b>Electrical Requirements</b>												
120VAC, 60Hz, 1PH	Amp	Breaker	10	20	12	20	14	20	n/a	n/a	n/a	n/a
208-230V, 50/60Hz, 1PH	Amp	Breaker	7	15	10	15	11	15	n/a	n/a	n/a	n/a
208-230V, 50/60Hz, 3PH	Amp	Breaker	5	15	6	15	9	15	23	30	32	40
380-460V, 50/60Hz, 3PH	Amp	Breaker	1.4	10	3.5	15	4.5	15	11	15	16	20
<b>Electric Heating</b>												
Air Flow	CFM	cmm	500	14	750	21.25	900	25	2200	62	4000	113
<b>Electrical Requirements</b>												
208-230V, 50/60Hz, 3PH	Amp	Breaker	60	70	66	70	98	100	196	200	n/a	n/a
380-460V, 50/60Hz, 3PH	Amp	Breaker	30	40	33	40	32	45	98	100	106	150
<b>Weight and Shipping Information</b>												
Net Weight	lb	kg	670	305	810	368	870	395	1650	750	2200	1000
Shipping Weight, Gas	lb	kg	720	327	850	386	910	414	1700	772	2300	1045
Shipping Weight, Steam	lb	kg	770	350	900	409	960	436	1800	818	2450	1114
Shipping Weight, Electric	lb	kg	720	327	850	386	910	414	1835	834	2450	1114
Shipping Volume	cu ft	cu m	54.74	1.55	70.41	1.99	78.32	2.22	138.42	3.92	194.24	5.5

## Standard Features:

- ◆ Stainless Steel Drying Cylinder
- ◆ Manual Timers
- ◆ 4 Temperatures
- ◆ Heavy Duty Drive System
- ◆ Large Loading Door
- ◆ Designed to Save Money

## Optional Features:

- ◆ Microprocessor Control
- ◆ Reversing Cylinder (Standard on DE-120 and DE-170)
- ◆ Rotation Sensor
- ◆ Humidity Sensing / Autodry
- ◆ Stainless Steel Front
- ◆ Fire Suppression System



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