



General Characteristics of DutyDry K100P Compact Dehumidifier

The Ebac K100P is a compact dehumidifier made for heavy duty use. The Ebac K100P comes with a rugged epoxy-coated, steel chassis. It includes a "floating" compressor for vibration and mobility protection. An adjustable humidistat, to control the level of dryness. System lamps to tell the operating status of the unit at a glance. The DutyDry K100P comes with a unique "Reverse Cycle" defrosting system. This "Reverse Cycle" system is useful for operation at low ambient temperatures. The Ebac K100P has a standard 115V outlet power connector. Washable Air Filter. Includes High Capacity Water Pump. Rugged detachable mounting skid.

Product Applications of DutyDry K100P Compact Dehumidifier

The Ebac K100P is a versatile workhorse, designed to eliminate high humidity problems in harsh environments. Use the Ebac K100P in Warehouses. Use the Ebac K100P in storage rooms. Use the Ebac K100P in electrical stations. The Ebac K100P is useful in basements. K100P for pumping stations. K100P for offshore oil rigs. K100P for marine vessels. The DutyDry K100P is easy to move and relocate.

Warranty of DutyDry K100P Compact Dehumidifier

The Ebac K100P has a 1 year limited manufacturer's warranty.



Technical Characteristics of DutyDry K100P Compact Dehumidifier

Item #	Manufacturer #	Water Removal Capacity per 24 hours			Effective Volume		Volts V	Amps A	Phase Ph	Refrigerant	Watts W	BTUs	dbs	Water Pump	Shipping Weight and Dimensions with Packaging	
		ppd Pints	Gallons	Liters	Cubic feet	m ³									Lbs.	L,W,H In
USDTD-001	K100P	97	12.2	46	10594	300	110	16	1	R407c	1090	12000	66	Yes	150	37, 19, 19

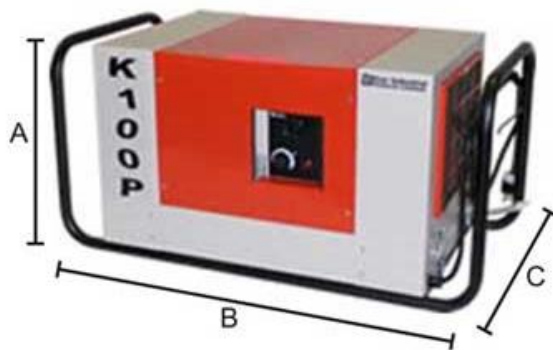


Product Applications of DutyDry K100P Compact Dehumidifier

Applications	K100P	Applications	K100P
Warehouse	√	Agriculture	√
Basements	√	Kitchens	√
Factories	√	Pumping Stations	√
Sports Halls	√	Hotel / Motel	√
Storage Areas	√	Stadiums	√
Laboratories	√	Ships / Barges	√
Oil Rigs	√		

Dimensions of DutyDry K100P Compact Dehumidifier

Item#	Ebac Model No.	Size A In.	Size B In.	Size C In.
USDTD-001	K100P	17	28	18



Product Specifications of DutyDry K100P Compact Dehumidifier

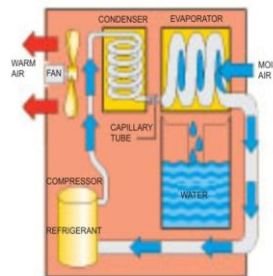
Specifications	K100P	Features	K100P
Model No.	10241HZ-US	Model No.	10241HZ-US
Height	17" (431mm)	On/Off Control (Via The Humidistat)	√
Width	28" (711mm)	Electronic Defrost Control	√
Depth	18" (457mm)	Compressor Type	Reciprocating
Weight	138 lbs (62kg)	Fitted Mains Plug	√
Voltage	110 V	Free Standing	√
Phase	1	Wall Mounting Bracket (√ = Inc, O = Optional)	O
Frequency	60 Hz	Adjustable Control Humidistat	√
Current	16 A	Reverse Cycle Defrost System	√
Power	1090 W	High Capacity Water Pump (20ft Vertical Lift)	√
Airflow	700 CFM (1190 m ³ / hr)	High Level Cut-out Switch	√
Noise Level	66dba	Washable Air Filter	√
Refrigerant	R407c	Carrying Handles / Skid	√



Effective Volume	10,594 FT ³ (300 m ³)	Power On Indicator	-
Typical Extraction	97ppd	Epoxy Powder Coating	√
Min Operating Temp	33°F (1°C)	Gravity Drain (1/2" O/D)	√
Max Operating Temp	95°F (35°C)		

HOW A DEHUMIDIFIER WORKS

1. Air is drawn into the unit by a fan
2. Air passes over a cold surface
3. As the air is cooled, it's moisture condenses
4. Water falls into the container
5. Air is re-heated by the heat recovery system
6. Air passes back into room 2°C warmer and considerably dryer
7. Defrost system automatically de-ices unit necessary
8. Unit switches off automatically when container is full
9. When the unit achieves the selected level of dryness it switches off automatically



Efficiency of DutyDry K100P Compact Dehumidifier

Internal Temperature	Degree Celsius	Degree Fahrenheit	Relative Humidity
	°C	°F	RH
	16° C	60.8° F.	100% to 60%
	18° C.	64.4° F.	100% to 51%
	20° C.	68° F.	100% to 48%
	22° C.	71.6° F.	100% to 46%
	24° C.	75.2° F.	100% to 44%
	26° C.	78.8° F.	100% to 43%
	28° C.	82.4° F.	100% to 42%
	30° C.	86° F.	100% to 41%
	32° C.	89.6° F.	100% to 41%
	34 °C. and Above	93.2° F. and Above	100% to 40%

Do not use dehumidifier Relative Humidity vs. Temperature Falls in the Orange Area

