

# UDScientific

## LABORATORY FREEZERS

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### UD SERIES



BLOWER SYSTEM (Assisted With Fan)

# UD-30L500



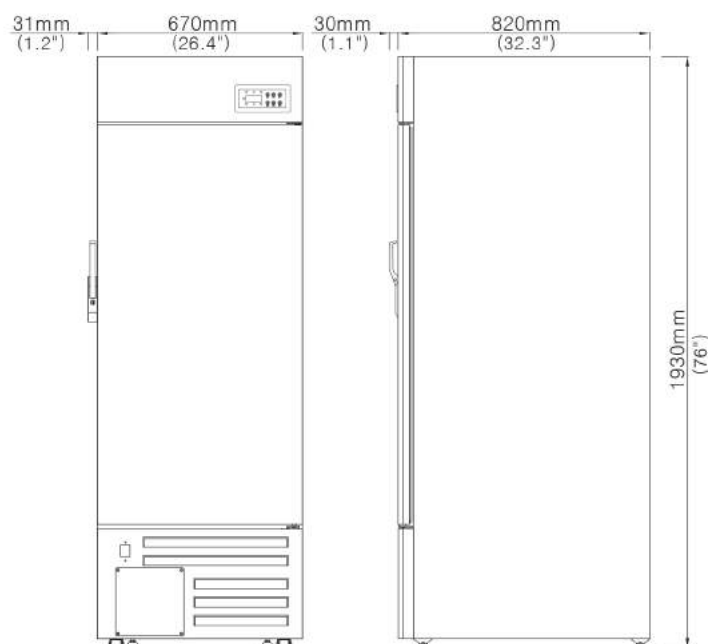
## GENERAL SPECIFICATIONS

Size		Capacity	Materials			Net weight
External	Internal		External	External door	Internal	
670 x 820 x 1930mm	550 x 600 x 1420mm	500L	High Polymer Steel	Powder Coated Steel	High Polymer Steel	199kg
26.4" x 32.3" x 76"	21.6" x 23.6" x 55.9"	17.6cu.ft				
<b>Cooling system</b>	Single Compressor System	<b>Cooling performance (max)</b>	-30°C			
<b>Range of temperature (use)</b>	-30°C ~ -10°C	<b>Range of temperature (ambient)</b>	15°C ~ 35°C			
<b>Temperature sensor</b>	PT100 Sensor	<b>Refrigerant</b>	R404a			
<b>Compressor</b>	Hermetic Type	<b>Type of condenser</b>	Block Condenser (Pin, Filter Cleaning System)			
<b>Controller</b>	Digital	<b>Shelf materials &amp; Q'ty</b>	Included 5 Wire Shelves			
<b>Rated voltage</b>	220V, 50Hz, 4.0A	<b>Power consumption</b>	880W			

\* Voltage and Hz can be customized according to customer's needs

\* All specifications are subject to change prior notice

## DETAIL VIEW



BLOWER SYSTEM (Assisted With Fan)

# UD-40L500



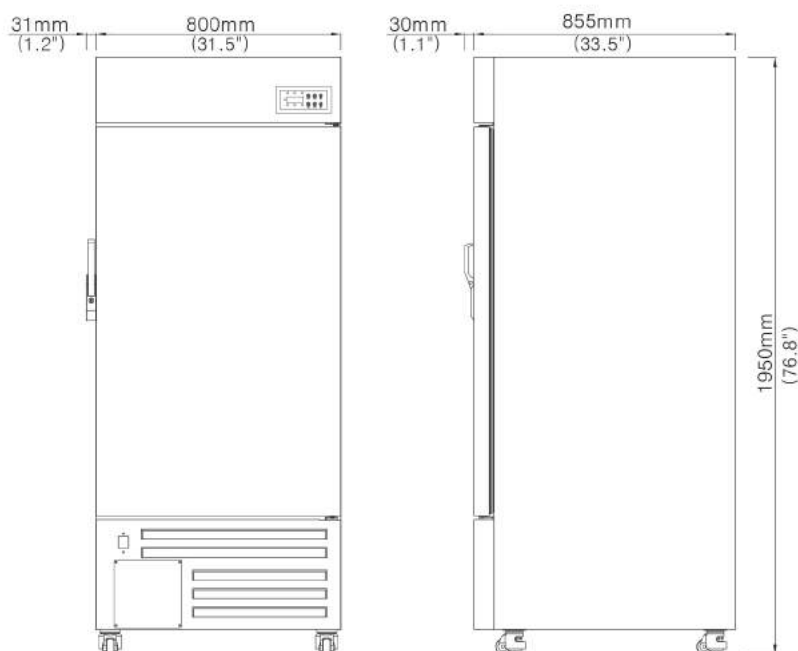
## GENERAL SPECIFICATIONS

Size		Capacity	Materials			Net weight
External	Internal		External	External door	Internal	
800 x 855 x 1950mm	640 x 600 x 1340mm	500L	High Polymer Steel	Powder Coated Steel	Stainless Steel 304	220kg
31.5" x 33.6" x 76.8"	25.1" x 23.6" x 52.7"	17.6cu.ft				
<b>Cooling system</b>	Single Compressor System	<b>Cooling performance (max)</b>	-40°C			
<b>Range of temperature (use)</b>	-40°C ~ -20°C	<b>Range of temperature (ambient)</b>	15°C ~ 35°C			
<b>Temperature sensor</b>	PT100 Sensor	<b>Refrigerant</b>	HFC(CFC Free Refrigerant System)			
<b>Compressor</b>	Hermetic Type	<b>Type of condenser</b>	Block Condenser (Pin, Filter Cleaning System)			
<b>Controller</b>	Digital	<b>Shelf materials &amp; Q'ty</b>	Wire Steel Coated Steel			
<b>Rated voltage</b>	220V, 50Hz, 4.5A	<b>Power consumption</b>	980W			

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## DETAIL VIEW



STATIC COOLING SYSTEM  
**UD-40L500D**



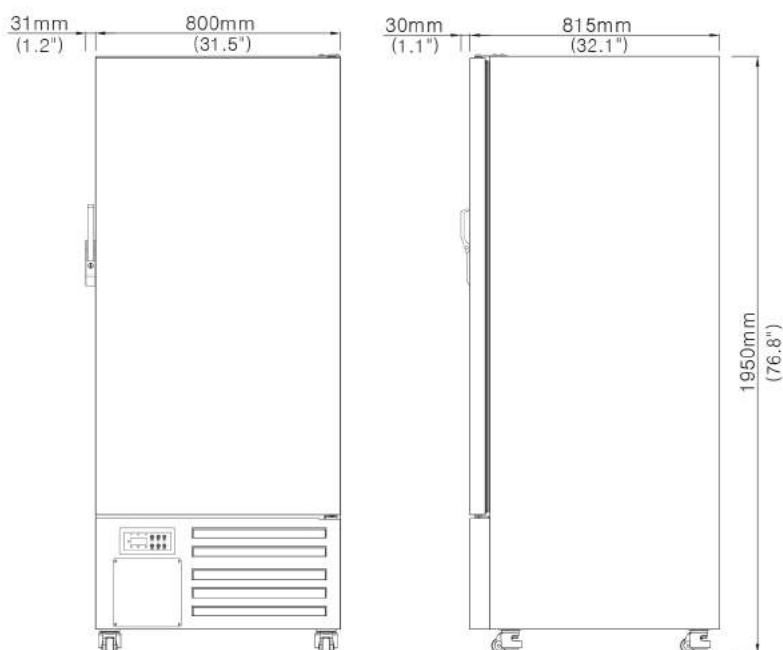
## GENERAL SPECIFICATIONS

Size		Capacity	Materials			Net weight
External	Internal		External	External door	Internal	
800 x 815 x 1950mm	640 x 600 x 1340mm	500L	High Polymer Steel	Powder Coated Steel	Stainless Steel 304	215kg
31.5" x 32.1" x 76.8"	25.1" x 23.6" x 52.7"	17.6cu.ft				
<b>Cooling system</b>	Single Compressor System	<b>Cooling performance (max)</b>	-40°C			
<b>Range of temperature (use)</b>	-40°C ~ -20°C	<b>Range of temperature (ambient)</b>	15°C ~ 35°C			
<b>Temperature sensor</b>	PT100 Sensor	<b>Refrigerant</b>	HFC(CFC Free Refrigerant System)			
<b>Compressor</b>	Hermetic Type	<b>Type of condenser</b>	Fin Condenser			
<b>Controller</b>	Digital	<b>Shelf materials &amp; Q'ty</b>	Wire Steel Coated Steel			
<b>Rated voltage</b>	220V, 50Hz, 4.5A	<b>Power consumption</b>	980W			

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## DETAIL VIEW



BLOWER SYSTEM (Assisted With Fan)

# UD-30L600





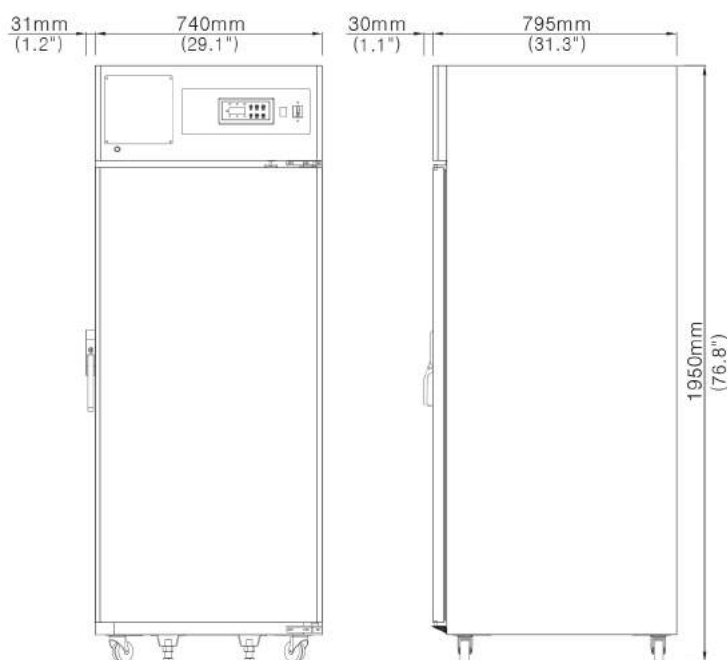
## GENERAL SPECIFICATIONS

Size		Capacity	Materials			Net weight
External	Internal		External	Internal door	Internal	
740 x 795 x 1950mm	620 x 635 x 1430mm	610L	Stainless Steel	-	Stainless Steel	150kg
29.1" x 31.3" x 76.8"	24.4" x 25" x 56.2"	21.1cu.ft				
<b>Cooling system</b>	Single Compressor System	<b>Cooling performance (max)</b>	-30°C			
<b>Range of temperature (use)</b>	-30°C ~ -10°C	<b>Range of temperature (ambient)</b>	15°C ~ 35°C			
<b>Temperature sensor</b>	PT100 Sensor	<b>Refrigerant</b>	R404a			
<b>Compressor</b>	Hermetic Type	<b>Type of condenser</b>	Block Condenser (Pin, Filter Cleaning System)			
<b>Controller</b>	Digital	<b>Shelf materials &amp; Q'ty</b>	Included 5 Wire Shelves			
<b>Rated voltage</b>	220V, 50Hz, 4.5A	<b>Power consumption</b>	980W			

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\* All specifications are subject to change prior notice

## DETAIL VIEW



BLOWER SYSTEM (Assisted With Fan)

# UD-30L1125



## GENERAL SPECIFICATIONS

Size		Capacity	Materials			Net weight
External	Internal		External	Internal door	Internal	
1260 x 795 x 1950mm	1140 x 635 x 1430mm	1125L	Stainless Steel	-	Stainless Steel	232kg
49.6" x 31.3" x 76.8"	44.8" x 25" x 56.2"	39.7cu.ft				
<b>Cooling system</b>	Single Compressor System	<b>Cooling performance (max)</b>	-30°C			
<b>Range of temperature (use)</b>	-30°C ~ -10°C	<b>Range of temperature (ambient)</b>	15°C ~ 35°C			
<b>Temperature sensor</b>	PT100 Sensor	<b>Refrigerant</b>	R404a			
<b>Compressor</b>	Hermetic Type	<b>Type of condenser</b>	Block Condenser (Pin, Filter Cleaning System)			
<b>Controller</b>	Digital	<b>Shelf materials &amp; Q'ty</b>	Included 10 Wire Shelves			
<b>Rated voltage</b>	220V, 50Hz, 4.9A	<b>Power consumption</b>	1.08kW			

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## DETAIL VIEW

