

Technical Data

3.0°C - 4.0°C/min

Model		ENDH180/40	ENDH340/40	ENDH600/40	ENDH1000/40	ENDH1500/40	ENDH340/70	ENDH600/70	ENDH1000/70	ENDH1500/70	
Test Space Volume	(Cu. ft/ Liters)	7 / 190	12 / 335	21 / 600	35 / 990	54 / 1540	12 / 335	21 / 600	35 / 990	54 / 1540	
Test Space Dimensions	Width (W)	22.8" (580 mm)	22.8" (580 mm)	31.4" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)	22.8" (580 mm)	31.4" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)	
	Depth (D)	17.7" (450 mm)	30.1" (765 mm)	31.4" (800 mm)	37.4" (950 mm)	58" (1475 mm)	30.1" (765 mm)	31.4" (800 mm)	37.4" (950 mm)	58" (1475 mm)	
	Height (H)	29.5" (750 mm)	29.5" (750 mm)	37.4" (950 mm)	37.4" (950 mm)	37.4" (950 mm)	29.5" (750 mm)	37.4" (950 mm)	37.4" (950 mm)	37.4" (950 mm)	
External Dimensions	Width (W)	34.2" (870 mm)	34.2" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)	34.2" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)	
	Depth (D)	58" (1475 mm)	70.4" (1790 mm)	72.6" (1845 mm)	78.5" (1995 mm)	99.2" (2520 mm)	70.4" (1790 mm)	72.6" (1845 mm)	78.5" (1995 mm)	99.2" (2520 mm)	
	Height (H)	70.3" (1785 mm)	70.3" (1785 mm)	80.6" (2047 mm)	80.6" (2047 mm)	80.6" (2047 mm)	70.3" (1785 mm)	80.6" (2047 mm)	80.6" (2047 mm)	80.6" (2047 mm)	
Temperature Range	(°C/°F)	+180°C to -40°C (+356°F to -40°F)				+180°C to -70°C (+356°F to -94°F)					
Humidity Range	(%RH)						10% to 98%				
Temperature Change Rate Heating	°C/min	4.0	3.2	4.0	4.0	3.5	3.0	4.0	4.0	3.5	
Temperature Change Rate Cooling	°C/min	3.5	3.5	3.0	3.0	2.5	2.7	2.5	2.5	2.3	
Live Load Capacity	-20°C (W)	750	750	875	875	900	1500	2000	2500	2500	
Refrigeration Type		Air-cooled									
Input Power	Volt,Phase, Hertz	230-3-60									

5°C/min

Model		ENDT340/70/5	ENDT600/70/5	ENDT1000/70/5	ENDH340/70/5	ENDH600/70/5	ENDH1000/70/5	
Test Space Volume	(Cu. ft/ Liters)	12 / 335	21 / 600	35 / 990	12 / 335	21 / 600	35 / 990	
Test Space Dimensions	Width (W)	22.8" (580 mm)	31.4" (800 mm)	43.3" (1100 mm)	22.8" (580 mm)	31.4" (800 mm)	43.3" (1100 mm)	
	Depth (D)	30.1" (765 mm)	31.4" (800 mm)	37.4" (950 mm)	30.1" (765 mm)	31.4" (800 mm)	37.4" (950 mm)	
	Height (H)	29.5" (750 mm)	37.4" (950 mm)	37.4" (950 mm)	29.5" (750 mm)	37.4" (950 mm)	37.4" (950 mm)	
External Dimensions	Width (W)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	
	Depth (D)	70.4" (1790 mm)	72.6" (1845 mm)	78.6" (1995 mm)	70.4" (1790 mm)	72.6" (1845 mm)	78.6" (1995 mm)	
	Height (H)	70.3" (1785 mm)	80.6" (2047 mm)	80.6" (2047 mm)	70.3" (1785 mm)	80.6" (2047 mm)	80.6" (2047 mm)	
Temperature Range	(°C/°F)	+180°C to -70°C (+356°F to -94°F)						
Humidity Range	(%RH)	NA			10% to 98%			
Temperature Change Rate Heating	°C/min	5						
Temperature Change Rate Cooling	°C/min	5						
Live Load Capacity	-20°C (W)	3000			5000			
Refrigeration Type		Water-cooled						
Input Power	Volt,Phase, Hertz	480-3-60						

10°C/min

Model		ENDT270/70/10	ENDT480/70/10	ENDT800/70/10	ENDT1300/70/10	ENDH270/70/10	ENDH480/70/10	ENDH800/70/10	ENDH1300/70/10	
Test Space Volume	(Cu. ft/ Liters)	10/270	17/480	29/815	48/1350	10/270	17/480	29/815	48/1350	
Test Space Dimensions	Width (W)	22.8" (580 mm)	31.5" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)	22.8" (580 mm)	31.5" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)	
	Depth (D)	24.2" (615 mm)	25.6" (650 mm)	31.5" (800 mm)	52.2" (1325 mm)	24.2" (615 mm)	25.6" (650 mm)	31.5" (800 mm)	52.2" (1325 mm)	
	Height (H)	29.5" (750 mm)	37.4" (950 mm)	36.4" (925 mm)	36.4" (925 mm)	29.5" (750 mm)	37.4" (950 mm)	36.4" (925 mm)	36.4" (925 mm)	
External Dimensions	Width (W)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)	
	Depth (D)	108.5" (2757 mm)	109.9" (2792 mm)	115.8" (2942 mm)	136.5" (3467 mm)	108.5" (2757 mm)	109.9" (2792 mm)	115.8" (2942 mm)	136.5" (3467 mm)	
	Height (H)	76.2" (1935 mm)	84.1" (2135 mm)	83.9" (2131 mm)	83.9" (2131 mm)	76.2" (1935 mm)	84.1" (2135 mm)	83.9" (2131 mm)	83.9" (2131 mm)	
Temperature Range	(°C/°F)	+180°C to -70°C (+356°F to -94°F)								
Humidity Range	(%RH)	NA				10% to 98%				
Temperature Change Rate Heating	°C/min	10								
Temperature Change Rate Cooling	°C/min	10								
Live Load Capacity	-20°C (W)	8000								
Refrigeration Type		Water-cooled								
Input Power	Volt,Phase, Hertz	480-3-60								

15°C/min

Model		ENDT270/70/15	ENDT480/70/15	ENDT800/70/15	ENDT1300/70/15	ENDH270/70/15	ENDH480/70/15	ENDH800/70/15	ENDH1300/70/15	
Test Space Volume	(Cu. ft/ Liters)	10/270	17/480	29/815	46/1300	10/270	17/480	29/815	46/1300	
Test Space Dimensions	Width (W)	22.8" (580 mm)	31.5" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)	22.8" (580 mm)	31.5" (800 mm)	43.3" (1100 mm)	43.3" (1100 mm)	
	Depth (D)	24.2" (615 mm)	25.6" (650 mm)	31.5" (800 mm)	52.2" (1325 mm)	24.2" (615 mm)	25.6" (650 mm)	31.5" (800 mm)	52.2" (1325 mm)	
	Height (H)	29.5" (750 mm)	37.4" (950 mm)	36.4" (925 mm)	36.4" (925 mm)	29.5" (750 mm)	37.4" (950 mm)	36.4" (925 mm)	36.4" (925 mm)	
External Dimensions	Width (W)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)	34.3" (870 mm)	43" (1090 mm)	54.7" (1390 mm)	54.7" (1390 mm)	
	Depth (D)	108.5" (2757 mm)	109.9" (2792 mm)	115.8" (2942 mm)	136.5" (3467 mm)	108.5" (2757 mm)	109.9" (2792 mm)	115.8" (2942 mm)	136.5" (3467 mm)	
	Height (H)	76.2" (1935 mm)	84.1" (2135 mm)	83.9" (2131 mm)	83.9" (2131 mm)	76.2" (1935 mm)	84.1" (2135 mm)	83.9" (2131 mm)	83.9" (2131 mm)	
Temperature Range	(°C/°F)	+180°C to -70°C (+356°F to -94°F)								
Humidity Range	(%RH)	NA				10% to 98%				
Temperature Change Rate Heating	°C/min	15								
Temperature Change Rate Cooling	°C/min	15								
Live Load Capacity	-20°C (W)	8000								
Refrigeration Type		Water-cooled								
Input Power	Volt,Phase, Hertz	480-3-60								

Notes:

- Temperature and humidity performance data are taken at the control sensor with an empty test space
- Exterior dimension includes touchscreen controller
- Average temperature change rates are measured at supply air in a +25° C ambient environment
- Additional options available - consult your local account manager
- Heating/cooling rates are evaluated according to IEC 60068-3-5
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