
APPENDIX C

FREEZE DRYER

SPECIFICATIONS

This Appendix contains technical information about the Freeze Dryer including electrical specifications and environmental operating conditions.

Electrical Specifications, 6L, 12L, and 18L Console

Catalog Number	Description	Voltage		Operating Range	Frequency	Phase	Amperage	
		Nominal					w/o Vacuum Pump	Max with Vacuum Pump
7753020	6 Liter Freeze Dryer	115	103-127	60	1	9	16	
		100	90-110	50	1	9	16	
7753021	6 Liter Freeze Dryer	115	103-127	60	1	9	16	
		100	90-110	50	1	9	16	
7753022	6 Liter Freeze Dryer	115	103-127	60	1	9	16	
		100	90-110	50	1	9	16	
7753024	6 Liter Freeze Dryer	115	103-127	60	1	9	16	
		100	90-110	50	1	9	16	
7753026	6 Liter Freeze Dryer	115	103-127	60	1	9	16	
		100	90-110	50	1	9	16	
7753027	6 Liter Freeze Dryer	115	103-127	60	1	9	16	
		100	90-110	50	1	9	16	
7753030	6 Liter Freeze Dryer	230	198-254	50	1	3	8	
7753031	6 Liter Freeze Dryer	230	198-254	50	1	3	8	
7753032	6 Liter Freeze Dryer	230	198-254	50	1	3	8	
7753034	6 Liter Freeze Dryer	230	198-254	50	1	3	8	
7753036	6 Liter Freeze Dryer	230	198-254	50	1	3	8	
7753037	6 Liter Freeze Dryer	230	198-254	50	1	3	8	
7753040	6 Liter Freeze Dryer	230	187-253	60	1	3	8	
7753041	6 Liter Freeze Dryer	230	187-253	60	1	3	8	

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Catalog Number	Description	Voltage		Frequency	Phase	Amperage	
		Nominal	Operating Range			w/o Vacuum Pump	Max with Vacuum Pump
7753042	6 Liter Freeze Dryer	230	187-253	60	1	3	8
7753044	6 Liter Freeze Dryer	230	187-253	60	1	3	8
7753046	6 Liter Freeze Dryer	230	187-253	60	1	3	8
7753047	6 Liter Freeze Dryer	230	187-253	60	1	3	8
7753060	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753061	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753062	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753064	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753066	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753067	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753070	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753071	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753072	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753074	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753076	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753077	6 Liter Freeze Dryer	230	198-254	50	1	3	8
7753522	6 Liter Freeze Dryer	115	103-127	60	1	13	16
		100	90-110	50	1	13	16
7753524	6 Liter Freeze Dryer	115	103-127	60	1	13	16
		100	90-110	50	1	13	16
7753532	6 Liter Freeze Dryer	230	198-254	50	1	5.5	10
7753534	6 Liter Freeze Dryer	230	198-254	50	1	5.5	10
7753542	6 Liter Freeze Dryer	230	187-253	60	1	5.5	10
7753544	6 Liter Freeze Dryer	230	187-253	60	1	5.5	10
7753562	6 Liter Freeze Dryer	230	198-254	50	1	5.5	10
7753564	6 Liter Freeze Dryer	230	198-254	50	1	5.5	10
7753572	6 Liter Freeze Dryer	230	198-254	50	1	5.5	10
7753574	6 Liter Freeze Dryer	230	198-254	50	1	5.5	10
7934020	6 Liter Cascade Freeze Dryer	115	103-127	60	1	11	16
		100	90-110	50	1	11	16
7934021	6 Liter Cascade Freeze Dryer	115	103-127	60	1	11	16
		100	90-110	50	1	11	16
7934022	6 Liter Cascade Freeze Dryer	115	103-127	60	1	11	16
		100	90-110	50	1	11	16
7934024	6 Liter Cascade Freeze Dryer	115	103-127	60	1	11	16
		100	90-110	50	1	11	16
7934026	6 Liter Cascade Freeze Dryer	115	103-127	60	1	11	16
		100	90-110	50	1	11	16
7934027	6 Liter Cascade Freeze Dryer	115	103-127	60	1	11	16
		100	90-110	50	1	11	16

Appendix C: Freeze Dryer Specifications

Catalog Number	Description	Voltage			Amperage		
		Nominal	Operating Range	Frequency	Phase	w/o Vacuum Pump	Max with Vacuum Pump
7934030	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934031	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934032	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934034	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934036	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934037	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934040	6 Liter Cascade Freeze Dryer	230	187-253	60	1	5.5	10
7934041	6 Liter Cascade Freeze Dryer	230	187-253	60	1	5.5	10
7934042	6 Liter Cascade Freeze Dryer	230	187-253	60	1	5.5	10
7934044	6 Liter Cascade Freeze Dryer	230	187-253	60	1	5.5	10
7934046	6 Liter Cascade Freeze Dryer	230	187-253	60	1	5.5	10
7934047	6 Liter Cascade Freeze Dryer	230	187-253	60	1	5.5	10
7934060	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934061	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934062	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934064	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934066	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934067	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934070	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934071	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934072	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934074	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934076	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7934077	6 Liter Cascade Freeze Dryer	230	198-254	50	1	5.5	10
7754030	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754031	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754032	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754034	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754036	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754037	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754040	12 Liter Freeze Dryer	230	187-253	60	1	5	9
7754041	12 Liter Freeze Dryer	230	187-253	60	1	5	9
7754042	12 Liter Freeze Dryer	230	187-253	60	1	5	9
7754044	12 Liter Freeze Dryer	230	187-253	60	1	5	9
7754046	12 Liter Freeze Dryer	230	187-253	60	1	5	9
7754047	12 Liter Freeze Dryer	230	187-253	60	1	5	9
7754060	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754061	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754062	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754064	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754066	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9
7754067	12 Liter Freeze Dryer	230	198-254	50	1	4.5	9