

Williams Refrigeration Electrical, Refrigeration & Weight Guide

All cabinets rated for 240 Volts Single Phase, except some Blast Chiller/Freezers (per below)

1 DOOR					2 DOOR					3 DOOR				
Model	kg	Amps	Rem. Watts	Rem. Amps	Model	kg	Amps	Rem. Watts	Rem. Amps	Model	kg	Amps	Rem. Watts	Rem. Amps

UPRIGHTS

Garnet	HG1SD	170	3.8	470 @ -5°C sst	0.3	HG2SD	220	5.3	670 @ -5°C sst	0.4					
	CFG1SD	170	4.1	500 @ -5°C sst	0.4	CFG2SD	220	5.7	700 @ -5°C sst	0.5					
	LG1SD	170	4.3	630 @ -30°C sst	2.4	LG2SD	220	5.4	900 @ -30°C sst	4.6					
	HLG1SD	180	6.5	310 @ -5°C sst 400 @ -30°C sst	3.4	HLG2SD	220	8.0	450 @ -5°C sst 600 @ -30°C sst	2.5					
Sapphire	HS1SD	160	3.8	470 @ -5°C sst	0.3	HS2SD	220	5.3	670 @ -5°C sst	0.4					
	CFS1SD	160	4.1	500 @ -5°C sst	0.4	CFS2SD	220	5.7	700 @ -5°C sst	0.5					
	LS1SD	160	4.3	630 @ -30°C sst	2.4	LS2SD	220	5.4	900 @ -30°C sst	4.6					
Crystal	HC1T	160	4.0	520 @ -5°C sst	0.4	HC2T	230	5.3	750 @ -5°C sst	1.0					
	LC1T	160	4.5	700 @ -30°C sst	2.4	LC2T	230	5.4	1020 @ -30°C sst	4.3					
Diamond Star	HDS1GD	160	3.8	620 @ -5°C sst	0.4	HDS2GD	250	4.8	940 @ -5°C sst	0.6					
	HDS1SD	160	3.8	440 @ -5°C sst	0.3	HDS2SD	250	4.7	630 @ -5°C sst	0.5					
	LDS1GD	160	4.3	1050 @ -30°C sst	3.4	LDS2GD	250	9.2	1650 @ -30°C sst	6.0					
	LDS1SD	160	3.3	580 @ -30°C sst	2.4	LDS2SD	250	7.6	1100 @ -30°C sst	3.9					
Pearl Star						HPS2GD	220	4.8	850 @ -5°C sst	0.6	HPS3GD	290	5.0	1120 @ -5°C sst	0.7
						HPS2SD	220	4.7	580 @ -5°C sst	0.5	HPS3SD	290	4.9	700 @ -5°C sst	0.6
						LPS2GD	220	9.0	1480 @ -30°C sst	5.4					
						LPS2SD	220	7.3	950 @ -30°C sst	3.6	LPS3SD	290	8.0	1550 @ -30°C sst	3.8
Quartz Star	HQS1GD	160	3.8	620 @ -5°C sst	0.4	HQS2GD	230	4.6	760 @ -5°C sst	0.4					
Ruby						HR2GD	200	4.6	760 @ -5°C sst	0.4	HR3GD	250	5.5	1000 @ -5°C sst	1.1
						HR2SD	200	4.6	530 @ -5°C sst	0.3	HR3SD	250	5.4	660 @ -5°C sst	1.0
						LR2SD	200	3.6	710 @ -30°C sst	2.3	LR3SD	250	5.3	960 @ -30°C sst	4.5
Quartz	HQ14GD	150	3.0			HQ28GD	200	4.8							

Model	kg	Rem. Watts	Amps
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BLAST CHILLERS/FREEZERS

WBCF 10	50		4.0
WBCF 20	140		6.0
WBCF 30	185		16
WBCF 40	190		16
WBCF 50	205		3 Phase: 5.8
WMBCF 90		8.6 kW @ -15°C sst	16
WMBCF 120		10.1 kW @ -15°C sst	16
WMBCF 160		17.3 kW @ -15°C sst	16
WMBCF 200		21.0 kW @ -15°C sst	16
WMBCF 240		22.5 kW @ -15°C sst	20
WMBCF 320		25.7 kW @ -15°C sst	20

BLAST FREEZERS

WMBF 100		12.2 kW @ -30°C sst	16
WMBF 200		18.2 kW @ -30°C sst	16

Amps = Electrical running current

Rem. Watts = Remote Refrigeration Wattage, for remote condensing unit applications

Remote condensing unit is excluded. To be supplied and installed by others.

For remote systems, Amps exclude remote condensing unit

Amps exclude heated door options, and lights where optional

Door options may increase Rem. Watts required

Self-Contained (unitised) Refrigerators use R134a

Remote fridges are based on -5°C SST

Self-Contained (unitised) Freezers use R404a

Remote freezers are based on -30°C SST

Blast Chiller/Freezers operate on R404a

Remote Cabinets use R404a. Other gases available by request

Weights are approximate, unpacked

Remote cabinets require a suitably installed condensate drain

Other operating parameters to suit specific locations and conditions are available on request

Rem. Watts based on 43°C ambient (nom.)

Pipe run and refrigeration load should be taken into consideration when sizing condensing unit

Equipment should only be selected and installed by a suitably qualified refrigeration engineer

Heat rejection estimate for self contained cabinets:

Fridge – 1.4 x Rem. Watts, Freezer – 1.6 x Rem. Watts

Electrical Lead Length – 1.5m min.

■ = not available as a remote application

Specifications are subject to change without notice. E.&O.Excluded

1 DOOR				2 DOOR				3 DOOR				4 DOOR			
Model	kg	Amps	Rem. Watts	Model	kg	Amps	Rem. Watts	Model	kg	Amps	Rem. Watts	Model	kg	Amps	Rem. Watts

COUNTERS

Opal	HO1U	100	2.8		HO2U	130	3.8		HO3U	160	4.0		HO4U	190	4.8	
	HO1UBA	100	2.8		HO2UBA	130	3.8		HO3UBA	160	4.0		HO4UBA	190	4.8	
	LO1U	100	3.0		LO2U	130	4.5		LO3U	160	4.7					
Remote:	HO1RW	90	0.4	280 @ -5°C sst	HO2RW	120	0.5	400 @ -5°C sst	HO3RW	150	0.6	500 @ -5°C sst	HO4RW	180	0.7	650 @ -5°C sst
	HO1RWBA	90	0.4	430 @ -5°C sst	HO2RWBA	120	0.5	600 @ -5°C sst	HO3RWBA	150	0.6	750 @ -5°C sst	HO4RWBA	180	0.7	850 @ -5°C sst
	LO1RW	90	2.2	320 @ -30°C sst	LO2RW	120	2.4	450 @ -30°C sst	LO3RW	150	2.6	600 @ -30°C sst				
Emerald	HE1U	120	3.8		HE2U	160	4.0		HE3U	210	4.8					
	HE1UBA	120	3.8		HE2UBA	160	4.0		HE3UBA	210	4.8					
	LE1U	120	3.6		LE2U	160	4.8									
Remote:	HE1RW	110	0.4	350 @ -5°C sst	HE2RW	150	0.5	500 @ -5°C sst	HE3RW	200	0.6	650 @ -5°C sst				
	HE1RWBA	110	0.4	600 @ -5°C sst	HE2RWBA	150	0.5	750 @ -5°C sst	HE3RWBA	200	0.6	980 @ -5°C sst				
	LE1RW	110	2.3	430 @ -30°C sst	LE2RW	150	2.7	610 @ -30°C sst	LE3RW	200	3.1	780 @ -30°C sst				

PREPARATION COUNTERS

Jade	HJ1SCBA	160	3.8		HJ2SCBA	210	4.8		HJ3SCBA	240	4.8	
	HJ1PCBA	160	3.8		HJ2PCBA	210	4.8		HJ3PCBA	240	5.8	
Remote:	HJ1PC or SC	160	0.4	600 @ -5°C sst	HJ2PC or SC	210	0.4	750 @ -5°C sst	HJ3PC/SC	240	0.6	1200/980 @ -5°C sst
Banksia	HSP18UBA	160	4.2	750 @ -5°C sst	HSP30/5	210	5.0	980 @ -5°C sst				
Thermowell	TW9	30	1.3		TW15	40	1.3		TW18	50	1.3	

BACK BARS

Boronia Star					HBS2U	130	3.8		HBS3U	150	4.6		HBS4U	170	5.5
	Remote:				HBS2R	120	0.6	560 @ -5°C sst	HBS3R	140	1.0	690 @ -5°C sst	HBS4R	160	1.3
Cameo					HCS2U	180	4.1		HCS3U	200	4.6		HCS4U	230	5.7
	Star Remote:				HCS2R	170	0.7	650 @ -5°C sst	HCS3R	190	1.0	750 @ -5°C sst	HCS4R	220	1.3
Glass Chiller	GC1U	100	3.6		GC2U	140	4.0								
	Remote:	GC1R	60	0.4	570 @ -5°C sst	GC2R	100	0.5	750 @ -5°C sst						
Bottle Cooler	BC1	60	1.8		BC2	90	2.0		BC3	120	2.4				

SPECIALISED

Amber	HA135	65	1.5	
	LA135	55	1.2	
Jarrah	JL2R	140	0.5	400 @ -5°C sst
	JL4R	180	0.7	650 @ -5°C sst
UBC	HUBC7	130	1.8	
	HUBC20	160	2.2	
MHC	MHC10	110	5.5	
	MHC16-10	150	9.0	
	MRC16	140	3.0	

TOPAZ CAFE RANGE

	1			2			3			4		
	Model	kg	Amps	Model	kg	Amps	Model	kg	Amps	Model	kg	Amps
Upright				HTS2	200	3.8						
				LTS2	220	9.0						
Undercounter				HTU2	140	2.5	HTU3	170	2.7			
	Cake	HTC9	200	3.0	HTC12	220	3.4	HTC15	250	3.8	HTC18	300
High		HTCH9	220	5.8	HTCH12	250	6.5					
Ambient		ATC9	170	0.4	ATC12	200	0.6					
Heated		BTC9	170	3.4	BTC12	200	4.5					
Milk		HTM145	55	1.0								
		HTM220	90	2.2								