

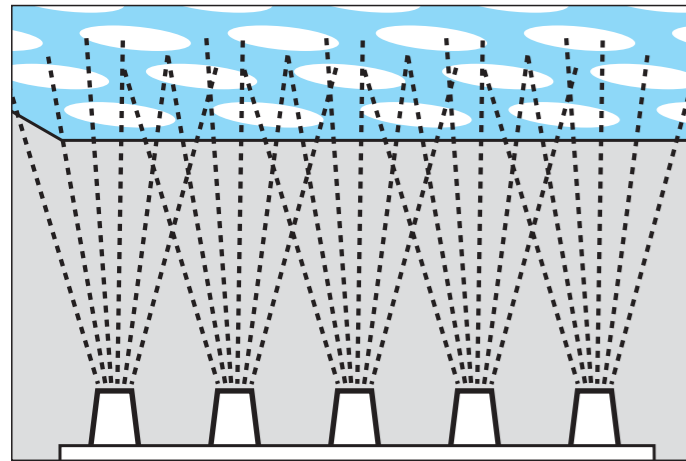
The Porkka KL Series Automatic Ice Cube Machines

Continued development allows Porkka Ice Machines to produce ice as economically as possible, the positive spray method uses the minimum of water and electrical power to produce round, clear hard ice cubes that last well in the glass.



How the cubes are made

Ice is made automatically after the machine is connected to a suitable water and electrical supply, simply switch on and the process begins.



Water is sprayed up on to refrigerated cups, where the ice is formed using flowing water, this is the reason why the cubes are so clear, as air and impurities do not freeze in the cube. Once the cube has fully formed the harvest cycle begins, the refrigeration system reverses and the cups heat slightly, at the same time fresh water is introduced to the machine. The cubes fall from the cups into the storage bin and the cycle begins again. Ice is produced until the bin sensor indicates the bin is full, at which, the system will switch off. Remove the cubes, or wait for the ice to melt and the machine will start again.

The positive spray system is ideal for producing clear, hard long lasting ice cubes. The full cube measures 27 x 32 mm and is approximately 1 fluid ounce in weight. There is an option of a larger cube preferred in warmer countries and this is 43 x 42mm. The machine production code changes to KX31 to KX301, these are available on a short lead time.



Installation notes

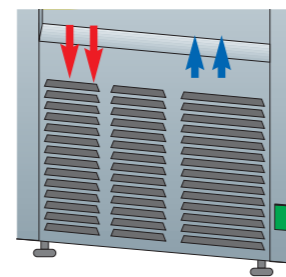
An ice machine is plumbed in rather like a glass or dishwasher, a potable water supply is needed as is an open vented drain. The minimum water pressure is 1 bar and the maximum is 6 bar. Porkka ice machines are tolerant to impure water supplies but in certain areas a water filter may be required. Regular cleaning and servicing will prolong the life of the main components and the machine in general. Remember! allow sufficient ventilation around the air cooled machines and clean condensers with a soft brush or vacuum cleaner frequently.

Technical features

- Bodywork made from stainless steel grade AISI 304
- One piece moulded foods safe ABS plastic storage bins
- Porkka designed water pumps
- Fully automatic production system
- All models equipped with cleaning system
- All parts for cleaning are accessible without the use of tools
- Ice handling instructions on each machine

Notes

All production quantities are based on 24 hours with water temperature at +10°C and air at +10°C. Standard electrical voltage 230/50Hz/1 Phase. Also available on request and with a short lead time are special voltage models 220/60Hz/1 Phase or 115/60Hz/1 Phase.

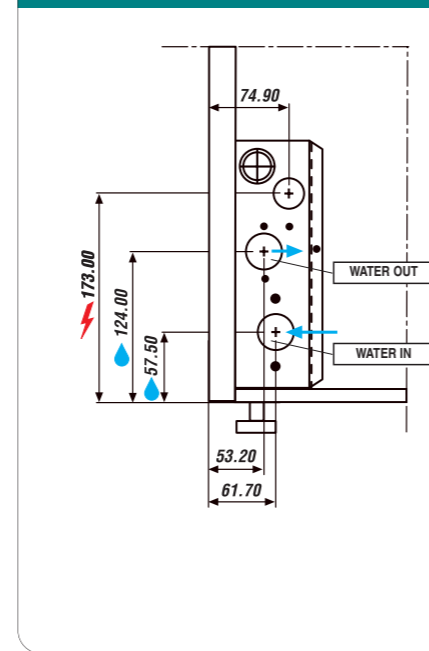


OPTIONAL FRONT VENTILATION
KL 32F AIR COOLED KL 42F AIR COOLED
 (NOT HELD IN STOCK ALLOW LEAD TIME)

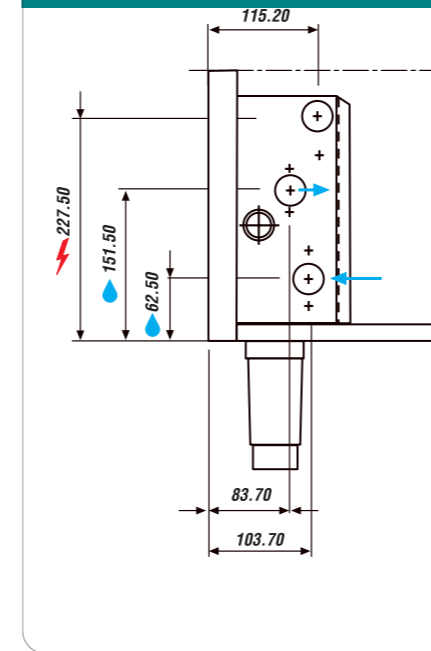
Water cooled machines are available, should the operating conditions dictate such a confined area for installation.

Technical Information

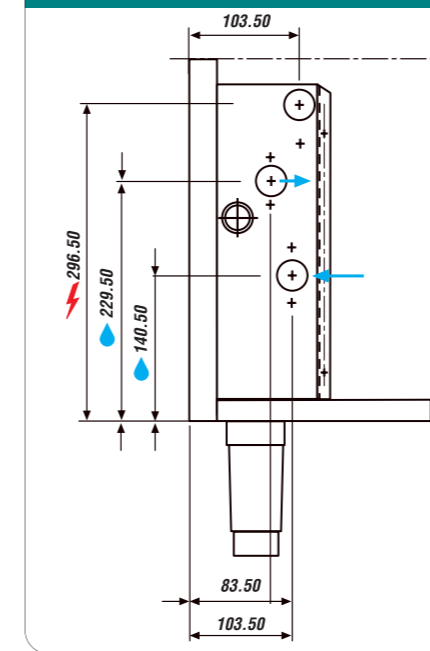
KL 22/32



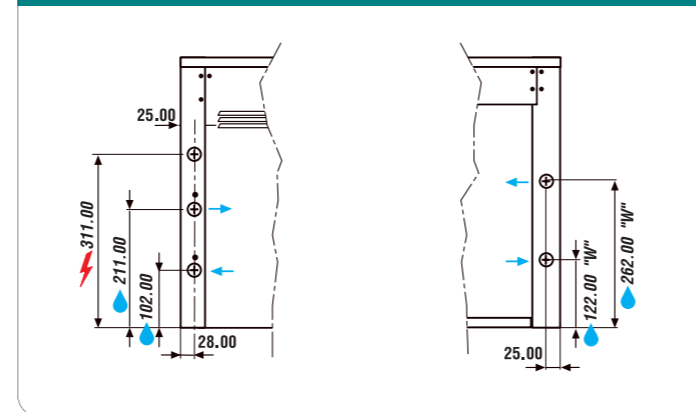
KL 42/52



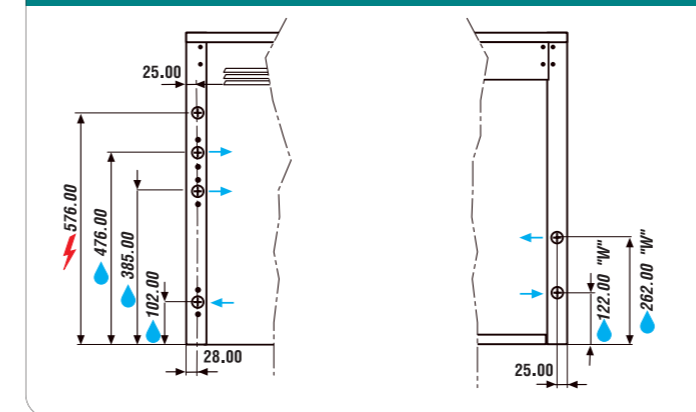
KL 72/102/132/152



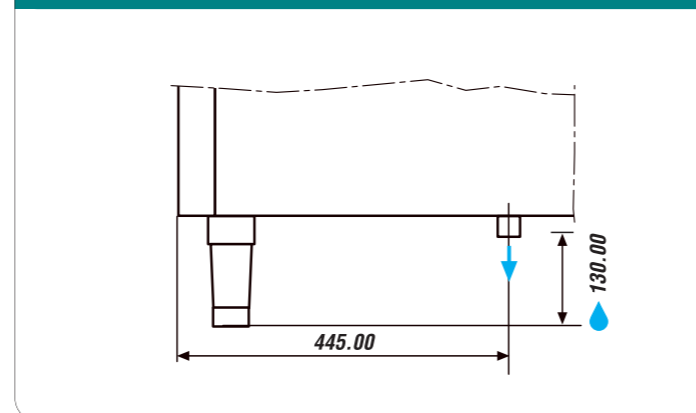
KL 172



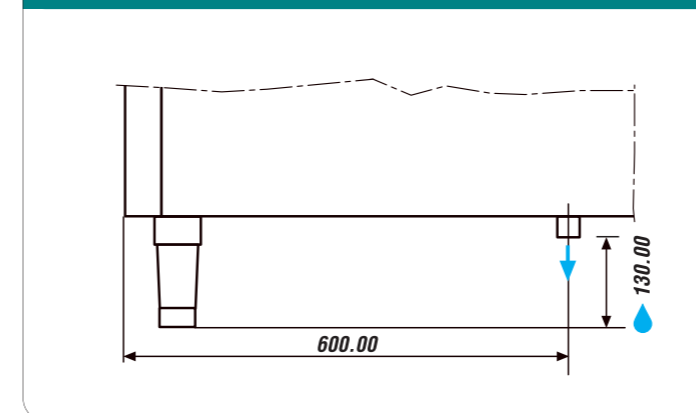
KL 302



B 150



Porkka B 250



⊕ SECOND WATER OUTLET USED IN SOME COUNTRIES

⊕ WATER OUTLET 3/4" BSP

⊕ WATER INLET 3/4" BSP

Porkka reserve the right to alter the technical specification without notice.

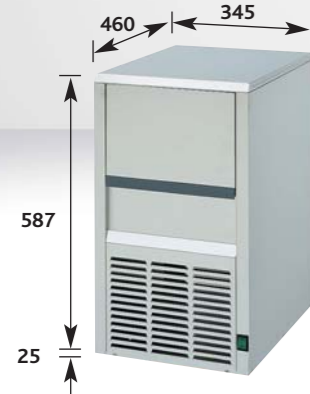
KL Series Automatic Ice Cube Machines



For bars, cafes, restaurants and hotels

KL 22

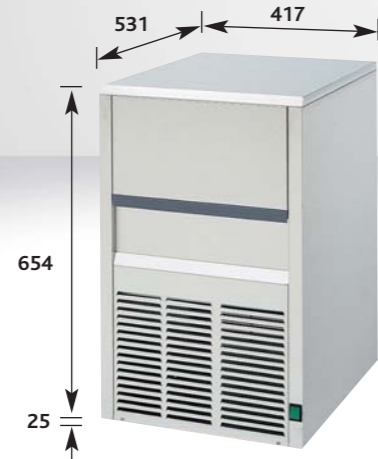
For the smaller bar, cafe or restaurant, this counter top model is competitively priced and finished in stainless outer casing.



Air Cooled / Water Cooled		A	W
Production	Kg/24h	24	25
	Lb/24h	53	55
Bin Storage	Kg - Lb	6.5 - 14.3	
Approximate number of cubes produced 24/hr		1050	1110
Approximate number of cubes in storage bin		350	
Power consumption	(T=43°C) - W	290	
Net weight	Kg	32	
Gross weight	Kg	36	
Volume when packed	m ³	0.13	
Refrigerant used		R134a	

KL 32

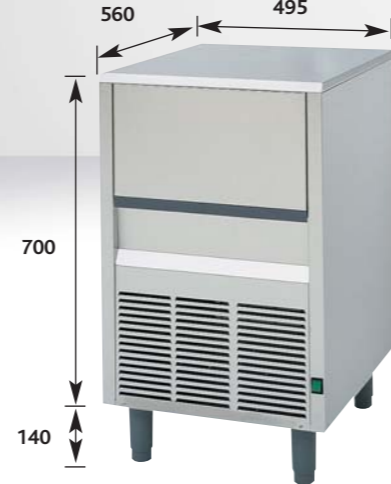
Producing up to 1600 cubes per day, with low water and power consumption a feature designed into all Porkka ice cube making machines.



Air Cooled / Water Cooled		A	W
Production	Kg/24h	30	31
	Lb/24h	66	68
Bin Storage	Kg - Lb	11 - 24.2	
Approximate number of cubes produced 24/hr		1550	1610
Approximate number of cubes in storage bin		600	
Power consumption	(T=43°C) - W	420	
Net weight	Kg	43	
Gross weight	Kg	50	
Volume when packed	m ³	0.19	
Refrigerant used		R134a	

KL 42

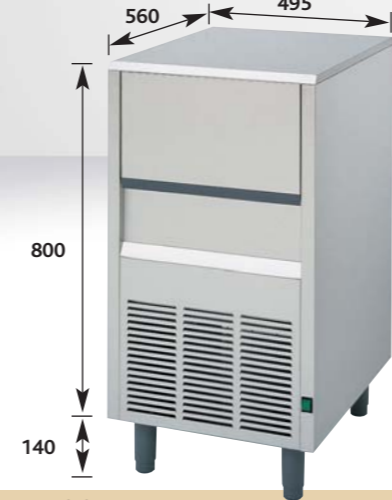
A free standing high capacity machine producing approximately 2250 cubes 24/hr. Full stainless steel body work in Grade 304 ensures rusting is never a problem.



Air Cooled / Water Cooled		A	W
Production	Kg/24h	40	42
	Lb/24h	88	93
Bin Storage	Kg - Lb	17 - 37.4	
Approximate number of cubes produced 24/hr		2160	2270
Approximate number of cubes in storage bin		900	
Power consumption	(T=43°C) - W	455	
Net weight	Kg	51	
Gross weight	Kg	59	
Volume when packed	m ³	0.28	
Refrigerant used		R134a	

KL 52

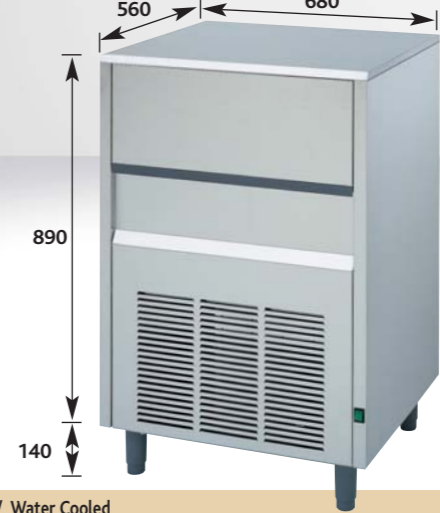
For establishments needing good quantities of crystal clear ice cubes, this machine makes up to 2880 cubes per day and stores 1100 in its one piece moulded bin made from ABS food safe plastic.



Air Cooled / Water Cooled		A	W
Production	Kg/24h	50	52
	Lb/24h	110	115
Bin Storage	Kg - Lb	20 - 44	
Approximate number of cubes produced 24/hr		2770	2880
Approximate number of cubes in storage bin		1100	
Power consumption	(T=43°C) - W	475	
Net weight	Kg	52	
Gross weight	Kg	61	
Volume when packed	m ³	0.31	
Refrigerant used		R134a	

KL 72

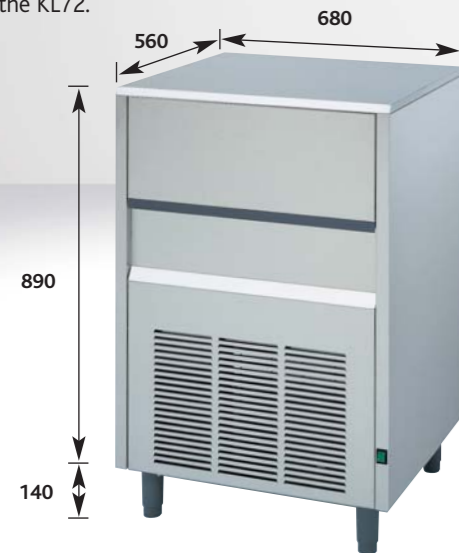
A large step up in production, makes this ice maker a popular choice for larger users, producing 4000 cubes 24/hr and storing 1650 cubes in the bin for immediate use.



Air Cooled / Water Cooled		A	W
Production	Kg/24h	70	72
	Lb/24h	154	159
Bin Storage	Kg - Lb	30 - 66	
Approximate number of cubes produced 24/hr		3880	4000
Approximate number of cubes in storage bin		1650	
Power consumption	(T=43°C) - W	730	
Net weight	Kg	67	
Gross weight	Kg	78	
Volume when packed	m ³	0.47	
Refrigerant used		R134a	

KL 102

A larger refrigeration system increases production up to 5000 crystal clear cubes per day, more capacity in the same size body as the KL72.



Air Cooled / Water Cooled		A	W
Production	Kg/24h	88	90
	Lb/24h	194	198
Bin Storage	Kg - Lb	45 - 99	
Approximate number of cubes produced 24/hr		4880	5000
Approximate number of cubes in storage bin		1650	
Power consumption	(T=43°C) - W	900	
Net weight	Kg	71	
Gross weight	Kg	81	
Volume when packed	m ³	0.47	
Refrigerant used		R134a	

KL 132

For establishments requiring an abundance of ice, this machine makes up to a massive 7000 cubes per day, storage is increased up to 2750 cubes for immediate use. The bin is designed to be easily accessible for staff removing ice.



Air Cooled / Water Cooled		A	W
Production	Kg/24h	125	127
	Lb/24h	275	280
Bin Storage	Kg - Lb	50 - 110	
Approximate number of cubes produced 24/hr		6940	7050
Approximate number of cubes in storage bin		2750	
Power consumption	(T=43°C) - W	1200	
Net weight	Kg	97	
Gross weight	Kg	113	
Volume when packed	m ³	0.68	
Refrigerant used		R134a	

KL 152

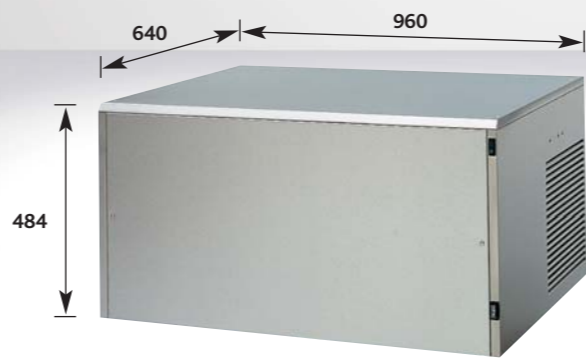
The largest model in our self contained bin series, producing up to 8000 cubes in 24/hr, it has all the features needed to work in busy outlets, stainless steel bodywork combined with a large storage bin holding approximately 2750 clear sparkling cubes for immediate use.



Air Cooled / Water Cooled		A	W
Production	Kg/24h	145	147
	Lb/24h	319	324
Bin Storage	Kg - Lb	68 - 143	
Approximate number of cubes produced 24/hr		8050	8160
Approximate number of cubes in storage bin		2750	
Power consumption	(T=43°C) - W	1350	
Net weight	Kg	97	
Gross weight	Kg	113	
Volume when packed	m ³	0.68	
Refrigerant used		R134a	

KL 172

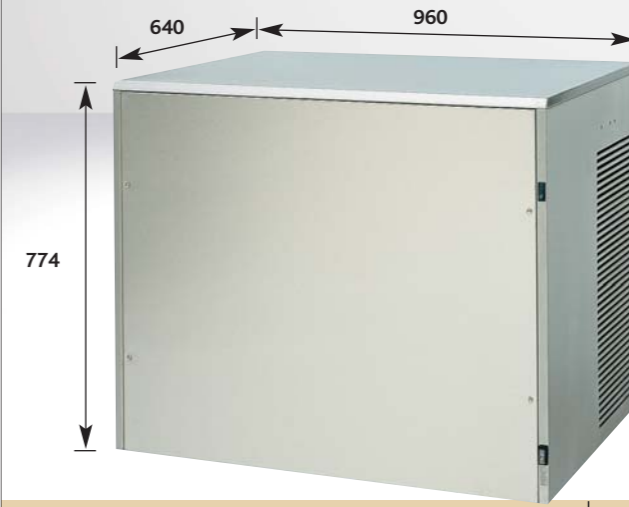
A machine that is designed to sit on a storage bin, for larger operators that need big quantities of ice, the KL172 cuber can have another machine stacked on top of it should ice requirements grow or can be sold in conjunction with the KL302 to give very large amounts of ice.



Air Cooled / Water Cooled		A	W
Production	Kg/24h	150	152
	Lb/24h	330	335
Bin Storage	Kg - Lb	-	
Approximate number of cubes produced 24/hr		8330	8440
Approximate number of cubes in storage bin		-	
Power consumption	(T=43°C) - W	1500	
Net weight	Kg	100	
Gross weight	Kg	116	
Volume when packed	m ³	0.30	
Refrigerant used		R404A	

KL 302

Operating on refrigerant R404a as is the KL172, this ice maker produces gargantuan quantities, up to 14500 clear pure cubes per day. Both this machine and the smaller version can be placed upon a choice of two bins. The KL302 is also stackable, so two machines can be mounted on each bin.

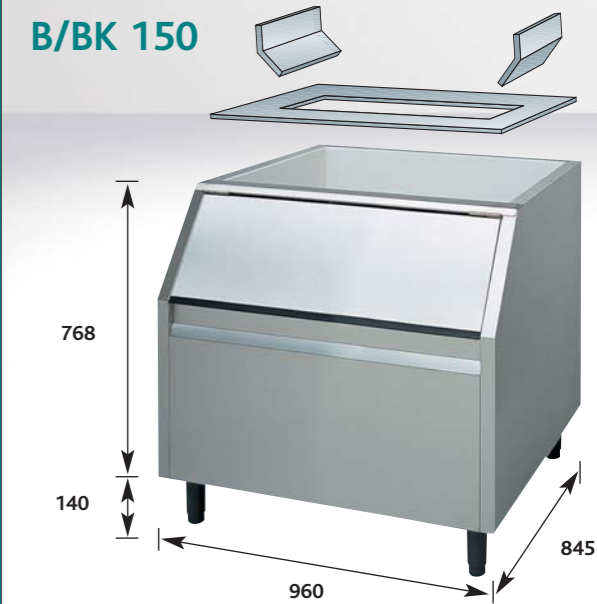


Air Cooled / Water Cooled		A	W
Production	Kg/24h	260	262
	Lb/24h	572	576
Bin Storage	Kg - Lb	-	
Approximate number of cubes produced 24/hr		14440	14550
Approximate number of cubes in storage bin		-	
Power consumption	(T=43°C) - W	2400	
Net weight	Kg	150	
Gross weight	Kg	166	
Volume when packed	m ³	0.55	
Refrigerant used		R404A	

Storage Bins

Porkka ice cube storage bins are robustly constructed, with stainless steel bodywork Grade 304 and one piece moulded ABS food safe plastic liners. There are no corners or dirt traps within the ice storage area, keeping the ice in a hygienic, easy to clean environment. Thick insulation ensures ice lasts well when in the bin and remains free flowing and easy to use.

B/BK 150



		B 150	BK 150
Bin Storage	Kg/Lb	150/330	essential for operation
Net weight	Kg	53	10
Gross weight	Kg	63	12
Volume when packed	m ³	0.82	0.10

B/BK 250



		B 250	BK 250
Bin Storage	Kg/Lb	250/550	essential for operation
Net weight	Kg	70	10
Gross weight	Kg	84	12
Volume when packed	m ³	1.12	0.10