

Ziegra Ice Machines

(UK) Ltd



TDS: Modular machines with slope fronted storage

4.01 GC

The ice machine is a plug in unit and requires only connection to water and mains power supply. It is continuously rated and works fully automatically. No moving parts in the refrigeration circuit of the evaporator, hence no leakage due to rotating parts in the refrigeration system.

Outputs are guaranteed at 20°C air and 15°C water temperatures
ZBE375T guaranteed at 35°C air and 25°C water temperatures

Cabinet: Stainless Steel (304)
Water consumption: According to production (no waste)
Refrigerant: R404A – 1.2kg



	ZBE70	ZBE150	ZBE250	ZBE350	ZBE375T
Ice production (24hrs)	70kg	150kg	250kg	350kg	375kg
Evaporation Temp.	-14°C	-12°C	-17°C	-18°C	-18°C
Condenser					
Standard. Air cooled	230M3/hour	440m3/hour	830m3/hour	1,400m3/hour	1,400m3/hour
On request. Water cooled	20litre/hour	70litre/hour	110litre/hour	160litre/hour	160litre/hour
Electrical Data (standard)					
Voltage	240v	240v	240v	240v	240v
Control voltage	240v	240v	240v	240v	240v
Power consumption	0.4kW	0.7kW	1.1kW	1.6kW	1.6kW
Current consumption	2.5A	4.6A	5.3A	7.3A	7.3A
Electrical Data (3 phase)					
Voltage	NA	NA	NA	400v	400v
Control voltage	NA	NA	NA	240v	240v
Power consumption	NA	NA	NA	1.6kW	1.6kW
Current consumption	NA	NA	NA	3.7A	3.7A
Evaporator	ZBE70	ZBE150	ZBE250	ZBE350	ZBE375
Heat emission	0.42kW	1.3kW	2.1kW	2.6kW	2.6kW
Noise level	45dBA – 3m	50dBA – 3m	51dBA-3m	55dBA-3m	55dBA-3m

All necessary parts for operation and safety of the machine are included, as eg.:

Water pressure switch: Cuts out the refrigeration unit in case of water shortage. Automatic re-start.

Ice bin thermostat: Switches machine off, when the ice bin is full. Automatic re-start.

On request: Additional hygiene by automatic water drain, when ice production stops.

Ice storage Options: S130 - 130kg ice storage unit
 S280 - 280kg ice storage unit

Storage specifications:
 Heavy duty welded steel shell and frame support
 Stainless steel exterior and bin top
 Durable, non corroding polyethylene liner

The ice machine meets the regulations of VDE and the German employers liability insurance association as well as the EC engineering recommendations.

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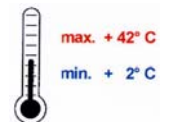
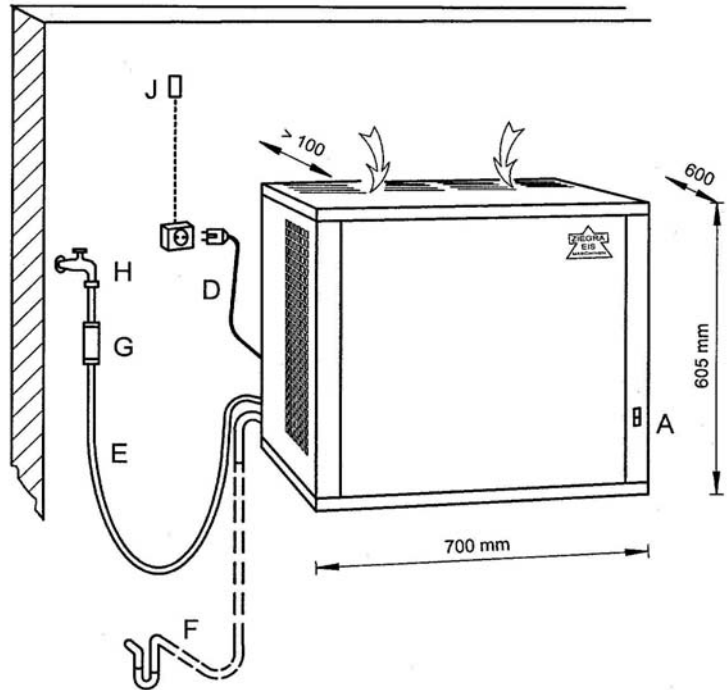
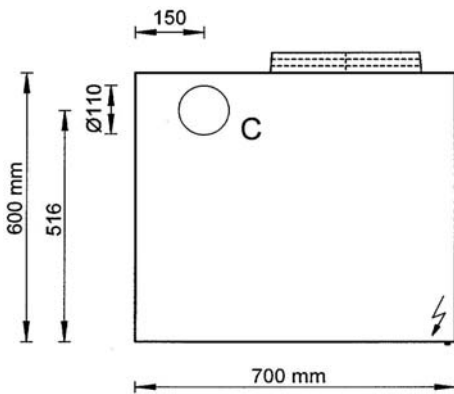
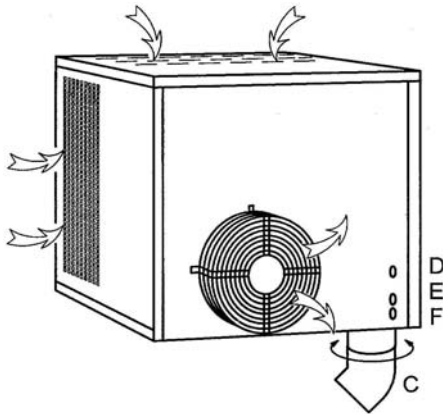
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MACHINE CONNECTIONS



- A: operating switch
- C: ice hose
- D: electric cable/plug
- E: water connection
- F: overflow

230V-1-50 Hz 2 m (400-3-50Hz on request ZBE 350 only)
 1-6 bar 3/4" 2 m
 14 mm ø 2 m

install on site:

- G: filter
- H: stop valve
- J: fuses
 cable cross section 16 A – slow
 1,5 mm² Cu

Weights:

ZBE70	70kg
ZBE150	70kg
ZBE250	80kg
ZBE350	90kg
ZBE375T	90kg

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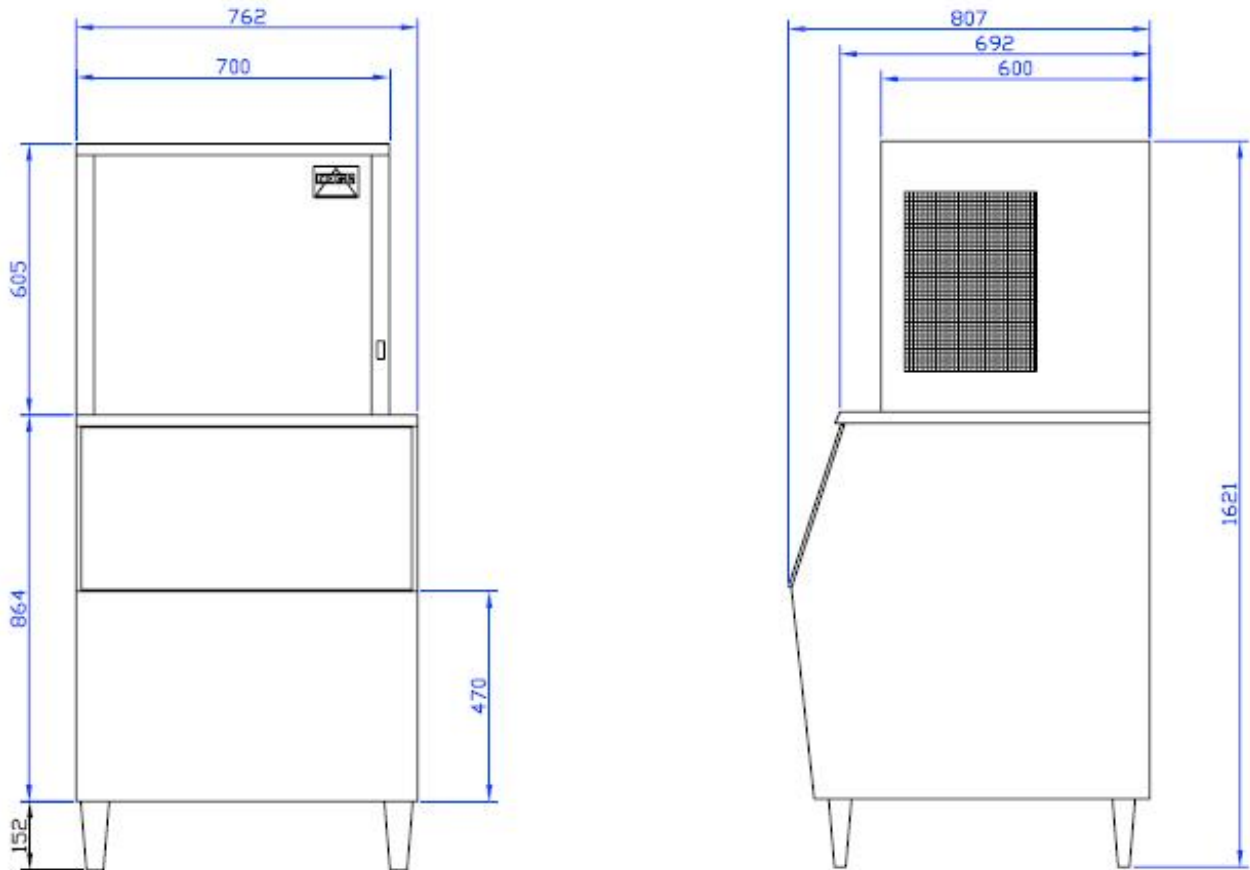
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TDS: Modular machines with slope fronted storage

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with optional S130 slope fronted storage (130kg storage capacity)



weights:

ZBE70-S130	135kg
ZBE150-S130	135kg
ZBE250-S130	145kg
ZBE350-S130	155kg
ZBE375T-S130	155kg

Ice Bin Specifications:

Construction is of welded steel shell and frame. Exterior finish is stainless steel front, top and sides with galvanised steel back and bottom. Bin has non-corroding polyethylene liner inside. Insulation is non-CFC polyurethane foam, bonded to shell and liner for added strength. Lift door to have stainless steel exterior and ABS interior, bonded together with non-CFC polyurethane foam for extra rigidity and strength. Bin to have conveniently low door sill height to allow easy access to ice in the bottom of the bin. Door opening to be sealed with fully replaceable gasketing. Legs adjustable from 152mm to 191mm. Bin drain 1" FPT rigid PVC. Bin is NSF listed.

Ziegra Ice Machines

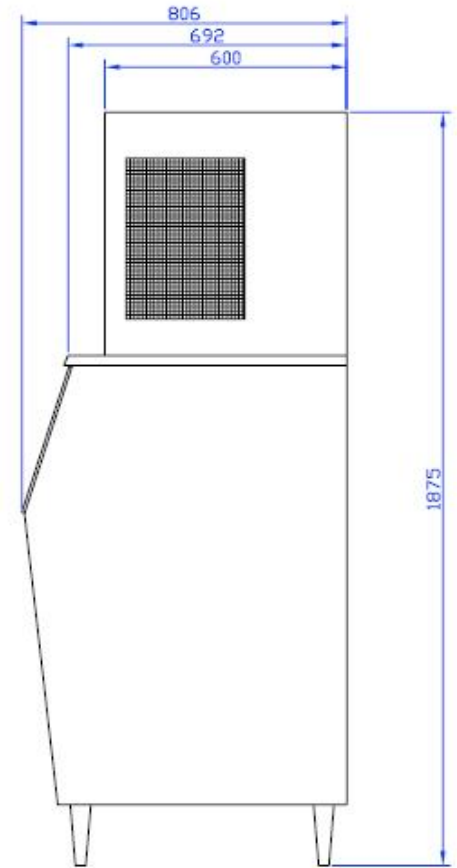
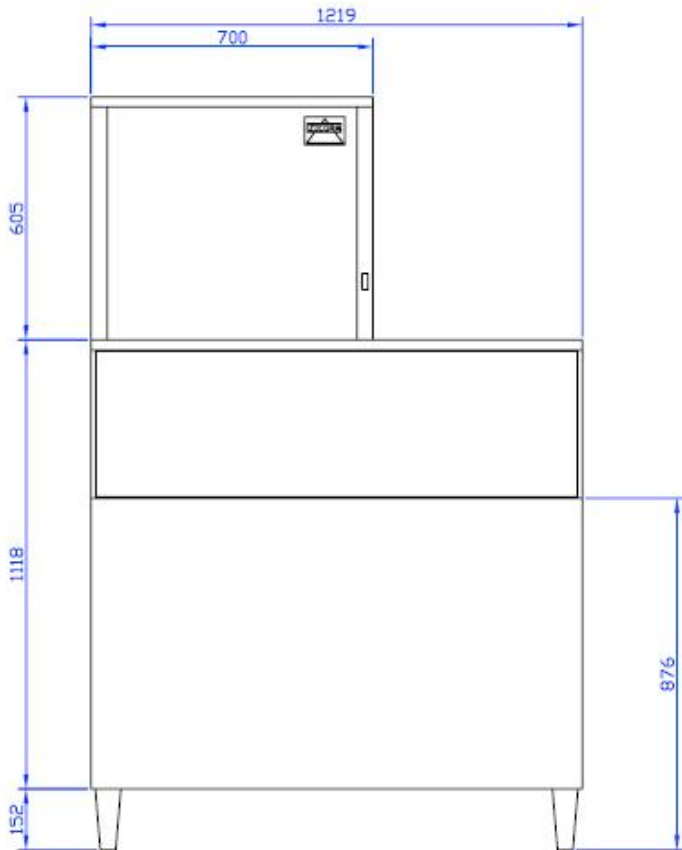
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TDS: Modular machines with slope fronted storage

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with optional S280 slope fronted storage (280kg storage capacity)



weights:

ZBE70-S280	165 kg
ZBE150-280	165 kg
ZBE250-S280	175 kg
ZBE350-S280	185 kg
ZBE375T-S280	185 kg

Ice Bin Specifications:

Construction is of welded steel shell and frame. Exterior finish is stainless steel front, top and sides with galvanised steel back and bottom. Bin has non-corroding polyethylene liner inside. Insulation is non-CFC polyurethane foam, bonded to shell and liner for added strength. Lift door to have stainless steel exterior and ABS interior, bonded together with non-CFC polyurethane foam for extra rigidity and strength. Bin to have conveniently low door sill height to allow easy access to ice in the bottom of the bin. Door opening to be sealed with fully replaceable gasketing. Legs adjustable from 152mm to 191mm. Bin drain 1" FPT rigid PVC. Bin is NSF listed.