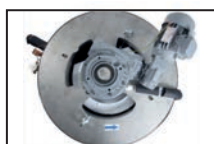


## Subcooled Scale Ice Machine Compact Vertical Evaporator 1000 kg/24h

# EC 10

Other models in this range:  
EC15 - EC25 - EC30 - EC40 - EC50

Split versions:  
ES1014 - ES2040 - ES4050



EC10 with UBH1600  
(sold separately)



EC10 with UBH2250  
(sold separately)



EC10 with SIS1350  
(sold separately)

### Features





- Evaporator: cylinder made of AISI304 stainless steel, insulation made by polyurethane foam; external finishing in stainless steel; water distributor and drip-tray in ABS food-proof.
- Cover in stainless steel.
- Rotating shaft and ice scraper made of stainless steel with self-lubricating stainless steel bearings.
- Drive motor with direct connection with gear reducer.
- Three phase water pump; water level sensor on water distributor.
- Floating valve for water supply; overflow connection on the base; drip pan in ABS plastic.
- Water reservoir in ABS food-proof.
- Thermostatic expansion valve with external pressure regulation.
- Mechanical filter – on water pipe supply.

### Condensing Unit

- Basement frame in stainless steel.
- Hermetic compressor TAG2522Z.
- Air cooled condenser with fans with pressure regulating control.
- Liquid line filter and sight glass.
- HP pressure switch / LP Pressure switch.

### Electrical Control Panel

- Plastic box IP54.
- General power switch; emergency push button with lighting for working conditions and alarms.
- Transformer for auxiliary contactors; power contactors with thermal protection.
- Ammetric protection for drive motor.
- Auxiliary contactors.
- Timers for drive motor, water level, water pumps, compressor pump down.
- Terminal board for electrical connections.

	 24h		 25°C 77°F 15°C 60°F	
	 1,8-2,2 mm			
	[kg]	[lbs]		
	1000	2204		
EC 10 AS			[WxDxH mm] 1260 x 850 x 920 [WxDxH inches] 49 5/8" x 33 4/8" x 36 2/8"	



Ice scales are the coldest form of ice. Formed at -5° to -9°C, they are very dry, with a residual water content of less than 2%. Scales look like fragments of glass, have an irregular shape and a thickness that can be adjusted from 1,4 to 2,2 mm.



R 404 A



[v/Hz/ph]  
400/50/3+N

# 1

Year Warranty

Subject to certain limitations and exclusions

This product qualifies for the following listings:



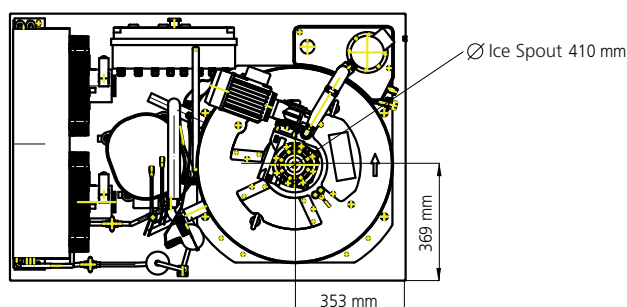
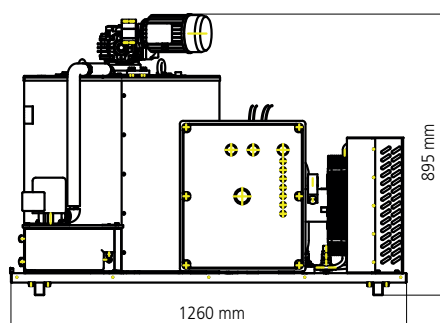
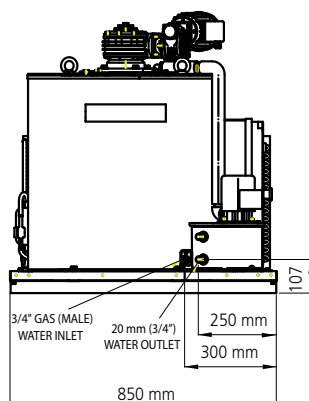
Certified ISO 9001:2008

## Subcooled Scale Ice Machine Compact Vertical Evaporator 1000 kg/24h

# EC 10

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**Clearance for maintenance**  
Around cylinder minimum 500 mm  
Above drive motor minimum 500 mm  
Above ice scraper minimum 1000 mm

Technical Features	
Water supply:	Fresh
Air Flow m3/h:	2400
Refrigerant Charge kg:	2,20
Category PED (Dir. 97/23/CE):	Excluding Art. 3 §3

Minimum		Maximum
5°C (41°F)	House icon	35°C (109°F)
5°C (41°F)	Faucet icon	30°C (86°F)
-10%	Pressure icon	+10%
1 bar 14 psi	Faucet icon	5 bar 70 psi

	[V/Hz/ph]	[W]	[A]	[Ømm²]	[kg]	[lbs]	[shipping size mm]
EC 10 AS	400/50/3N	4500	7,70	5 x 2,5	200	441	230 507
							1460x1050x1125 - (1,73 m³)

**IMPORTANT NOTICE:**  
Models and specifications are subject to change without notice.  
This spec sheet is meant for commercial purpose only.  
For technical documentation please refer to our service manuals.

[www.scotsman-ice.it](http://www.scotsman-ice.it)  
[www.scotsman-ice.com](http://www.scotsman-ice.com)

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