

Subcooled Scale Ice Machine Vertical Evaporator - 4000 / 5000 Kg in 24h

Other models in this range:
ES1014 - ES2040
Compact versions:
EC10 - EC15 - EC25 - EC30 - EC40 - EC50



Features

- Evaporator: cylinder made of AISI304 stainless steel, insulation made by polyurethane foam; external finishing in stainless steel; drip-tray in ABS food-proof
- Cover in stainless steel
- Base in aluminium alloy (Peralluman)
- Rotating shaft made of stainless steel with IGLIDUR bush
- 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 (to be connected to level contactor)
- Floating valve for water supply; Overflow connection on the base; Drip pan in ABS plastic
- Thermostatic expansion valve with external pressure regulation
- Salt dosing pump

Accessories included, to be installed on site:

- Mechanical filter - on water pipe supply
- Drive motor ammetric protection for electrical panel

Electrical control board (accessory QEES204002600):





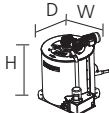



- Epoxy painted box IP55
- Power switch
- Emergency push button
- Working and Alarm lightings
- Transformer for contactors
- Power contactors with thermal protections
- Timers for drive motor, water pump, water level sensor and compressor pump-down
- Water level relays
- Drive motor ammetric protection
- Inverter for drive motor supply
- Terminal board for electrical connections



ES4050 with B4600
(sold separately)



ES4050 with ITS3250
(sold separately)

	<div><div><div>24h</div></div><div><div>(-9°C)</div></div><div><div><div>25°C 77°F</div></div><div><div>15°C 60°F</div></div></div></div>		<div><div>[WxDxH mm] 1100x1100x1480</div></div>	
	<div><div>1,8-2,2 mm</div></div>			
	[kg]	[lbs]	[WxDxH inches] 43 5/16" x 43 5/16" x 58 1/4"	
ES 4050	4000 / 5000	8800 / 11000		
			<div><div>[v/Hz/ph] 400/50/3+N</div></div>	<div><div>R 404 A R 507</div></div>



Ice scales are the coldest form of ice. Formed at -5° to -9°Celsius, they are very dry, containing less than 2% residual water. Scales look like fragments of glass, have an irregular shape and a thickness that can be adjusted from 1,2 to 2,0 mm.

Residual water content 2%

This product qualifies for the following listings:



2 Years Warranty

Subject to certain limitations and exclusions

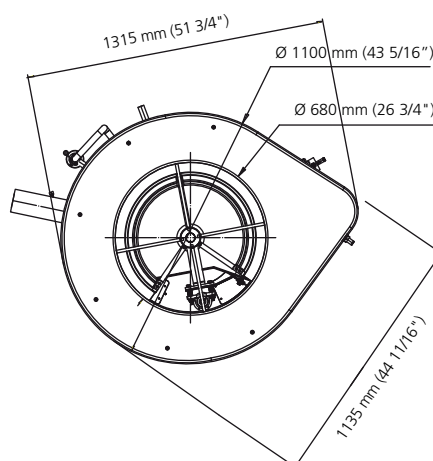
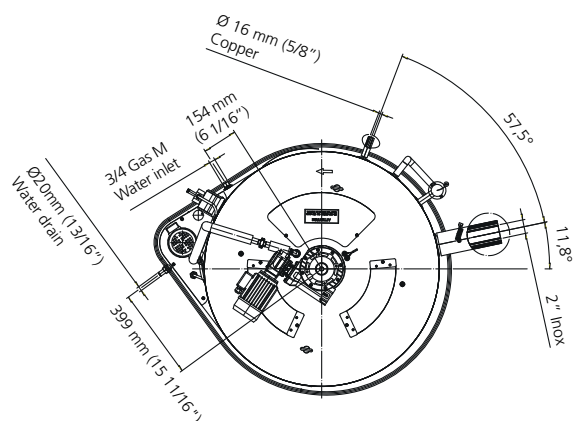
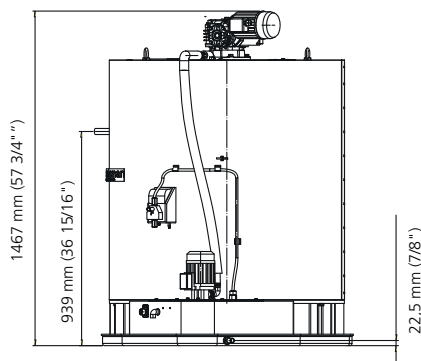
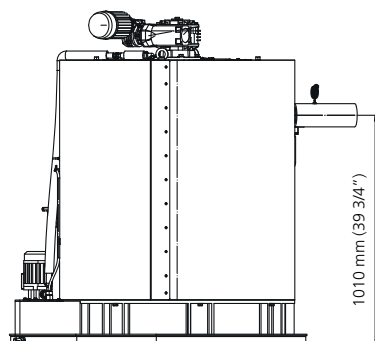
Certified ISO 9001:2000

www.scotsman-ice.it
www.scotsman-ice.com
www.scotsman-ice-on-tablet.com

Models and specifications are subject to change without notice.

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Clearance for maintenance

Around cylinder minimum	300 mm
Above drive motor minimum	400 mm
Above ice scraper minimum	950 mm

Technical features

5000 Kg

Electrical Power: KW / A	Pump 0,35 / 0,95 Drive motor 0,18 / 0,62
Extraction rate: W	30.000
Evap. Temperature: °C	-28
Volume refrigeration system	69
Max pressure PS (Dir. 97/23/CE)	17,50 bar
Category PED (Dir. 97/23/CE)	III
Refrigerant charge Kg	35



Minimum

5°C (50°F)



Maximum

43°C (104°F)

5°C (41°F)



30°C (95°F)

-10%








+10%

1 BAR
14 psi



5 BAR
70 psi

					
	[V/Hz/ph]	[W] [A]	[kg] [lbs]	[kg] [lbs]	[shipping size mm]
ES4050	400/50/3+N	0,55W 1,60A	630 1386	680 1496	1550x1400x1750 - (3,80 m³)

Water supply type: fresh

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