

Subcooled Scale Ice Machine -Vertical Evaporator 2000 / 3000 / 4000 Kg in 24h

Other models in this range:

ES1014 - ES4050

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
- Trasformer 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



ES2040 with UBH1600
(sold separately)



ES2040 with UBH2250
(sold separately)



ES2040 with B3200
(sold separately)



ES2040 with B4600
(sold separately)



ES2040 with SIS1350
(sold separately)



ES2040 with ITS2250
(sold separately)



ES2040 with ITS3250
(sold separately)

This product qualifies for the following listings:



2 Years Warranty

Subject to certain limitations and exclusions

ES 2040	 						 [WxDxH mm] 970x790x1400 [WxDxH inches] 38 3/16" x 38 3/16" x 55 1/8"
	[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	
	2000	4400	3000	6600	4000	8800	
							 [v/Hz/ph] 400/50/3+N R 404 A R 507



Residual water content 2%

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.

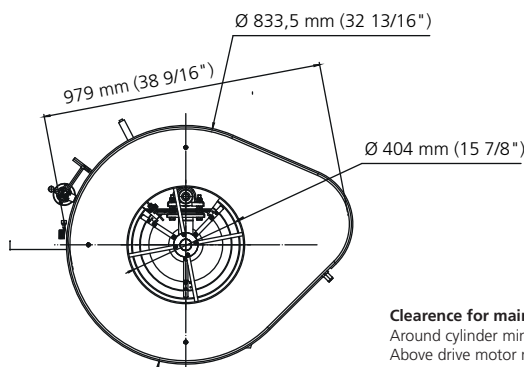
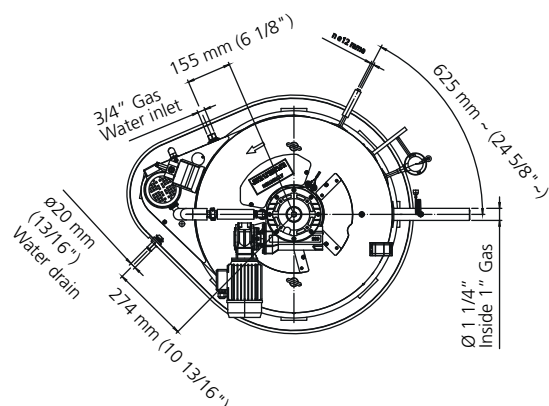
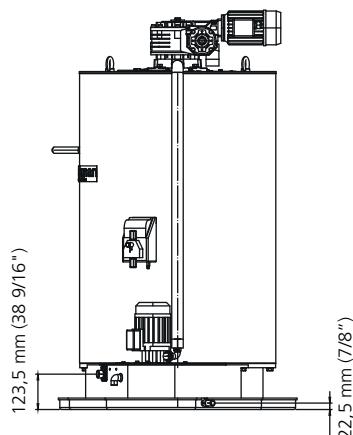
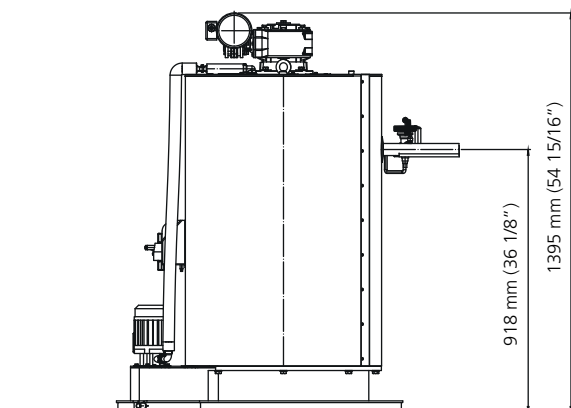
Certified ISO 9001:2000

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 720 mm

Technical features	2000 Kg	3000 Kg	4000 Kg
Electrical Power: KW / A	Pump 0,35 / 0,95 Drive motor 0,18 / 0,62		
Extraction rate: W	12.000	18.000	21.500
Evap. Temperature: °C	-26	-28	-28
Volume refrigeration system	30		
Max pressure PS (Dir. 97/23/CE)	17,50 bar		
Category PED (Dir. 97/23/CE)	II		
Refrigerant charge Kg	30		

Minimum	Maximum
5°C (50°F)	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]
ES2040	400/50/3+N	0,55W	1,60A	300	660	400	880	1360x980x1670 (2,23 m³)

Water supply type: fresh

CONTACT POINTS:

Europe
Scotsman Europe-Frimont S.p.A.
Ph/Fax +39-0293960208 / 0293960201
scotsman.europe@frimont.it
Paolo Moro

Middle East & N. Africa
Scotsman-Frimont Regional Office (ME&NA)
Ph/Fax +97-16 5262944 / 165262946
m.dawood@frimont.ae
fernando.m@frimont.ae

Asia and Pacific
Scotsman Industries (S) PTE. L.T.D.
Ph/Fax +65-67385393 / 67381959
scotsman@scotsman.com.sg
Andrea Tronci

South Africa
Scotsman SA (Pty) Ltd - Ice Systems (Pty) Ltd
Ph +27-0105900609 / 0877200245/6/7/8
Fax: +27-118264123 / 0866340803
stuart@scotsmansa.co.za - jennifer@scotsman.co.za

India
Scotsman Group India
Ph/Fax : +91-1244002459 / direct 9560072459
david.owen@scotsman.com.sg

Spain
Scotsman España, S.L.U. c/ Galapagar, 12
Ph/Fax +34-911109796 / 916337423
scotsman@scotsman-espana.es
Daniel Doblado

China
Scotsman Ice Systems (Shanghai)
Ph/Fax : +86-2161313200 / 2161313330
scotsman.shanghai@scotsman-china.com
Andrew Clayton