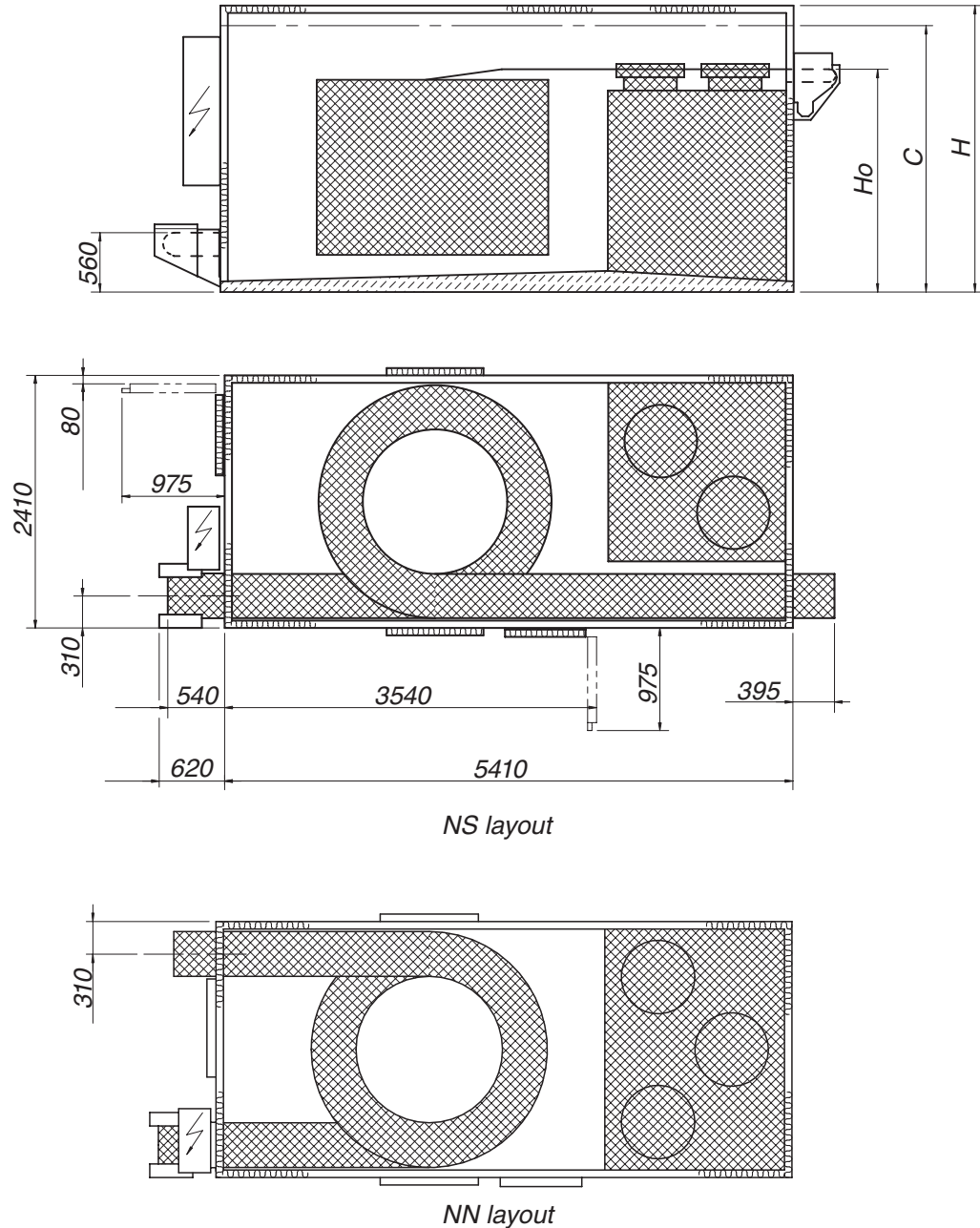


DIMENSIONS

Frigoscandia GYRoCOMPACT® 400 Classic spiral freezer



Layout	NS		NN	
Link height (mm)	60		90	60
Number of tiers	23	33	22	33
Evaporator size	06		09	
H_o	2100	2700	2700	2700
H	2705	3305	3305	3305
C	-	2850	2850	2850

® = Registered trade mark of JBT FoodTech.
 Subject to be changed without notice.

TECHNICAL DATA (SI - SYSTEM)

Model	GC 400 Classic			
Conveyor belt	Standard			
Layout	NS		NN	
Link height (mm)	60	90	60	
Vertical clearance for product (mm)	45	75	45	
Number of tears	23	33	22	33
Type	Frigoscandia FRIGoBELT® Conveyor, stainless with mesh			
Mesh	M6-1.5, M9-1.7, M13-1.5, M20-1.5			
Width, total (mm)	420			
Width, net (mm)	375			
Width, between infeed covers (mm)	374			
Length per tier (m)	6.8			
Effective conveyor belt area per tier (m ²)	2.1			
Conveyor belt speed (m/min)	2 - 18			
Electrical data				
Main voltage	3 x 380- 460 V, 50 / 60 Hz			
Evaporator size	06	09		
Normal power consumption (kW) ¹⁾	14	19		
Refrigeration data				
Design (Stainless steel / Aluminum ⁴⁾)	R717, Ammonia, Pump circulation ratio = 4 - 6 times evap. / CO ₂		Direct expansion	
Evaporator size	06	09	06	09
Number of fans	2	3	2	3
Volume in l / Evaporator ⁵⁾	266	401	255	326
Base load (kW)	15		21	
Defrosting system				
Evaporator size	06		09	
Potable water consumption (lit/min) at (300 kPa= 3 bar)	90		110	
Minimum / maximum water temp. (°C) ^{2) 3)}	+15°C / +25°C			
Noise emissions				
According to EC Machinery Directive	Maximum 78 dB(A)			
Application data				
Normal loading distance on straight conveyor belt	Rectangular products: 1.75 x product length Round products: 1.6 x product diameter			

¹⁾ Does not include dimensioning of power supply fuses/cables. Refer to customer drawing for maximum power requirement.

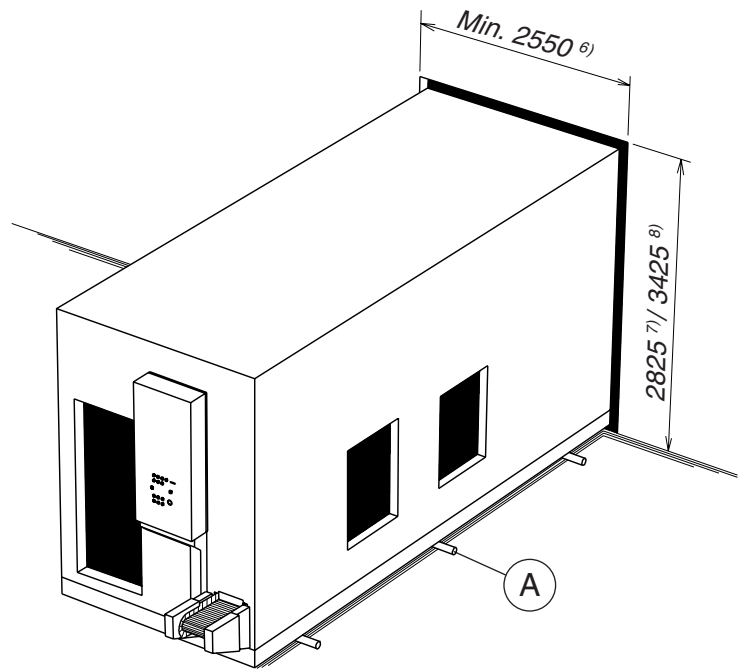
²⁾ Must be potable water.

³⁾ Make sure refrigeration system is safe for water temperature in use.

⁴⁾ AIMg3

⁵⁾ If Frigoscandia LVS Refrigeration™ is installed the refrigeration charge is approximately 50 % less.

Minimum access door for intake



A. 76 mm pipe rollers to be supplied by customer.
Lenght must exceed width of freezer.

⁶⁾ Freezer without side doors and hatches.

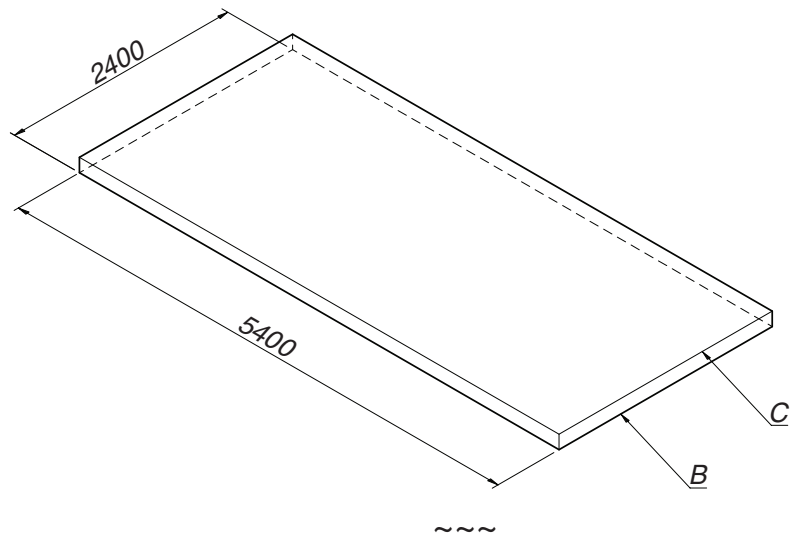
⁷⁾ Freezer with 23 tiers including 76 mm pipe rollers.

⁸⁾ Freezer with 22 and 33 tiers including 76 mm pipe rollers.

Subfloor

The factory floor (B) can be used as foundation for the freezer provided that it is flat and horizontal. Alternatively, a base can be cast in concrete (C).

The required tolerance across the complete surface has to be within 8 mm.



DESCRIPTION