



# Centrifugal Unit Cooler ISC

## Centrifugal unit cooler



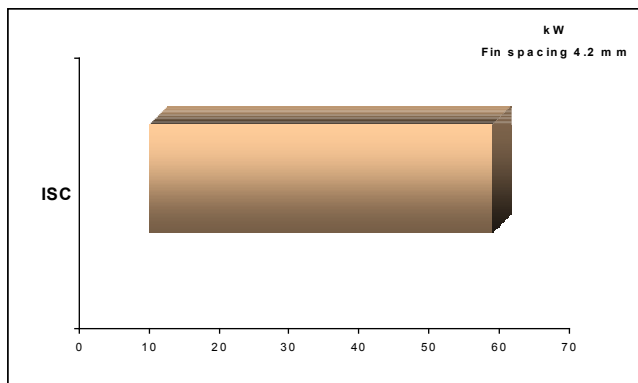
### Centrifugal unit cooler ISC

Series with centrifugal fans, designed for sock applications and mainly in working and packaging rooms, where it's basic to have low air velocity and uniform hydrometric conditions. Cold room volumes from 150 to 1500m<sup>3</sup>. Units designed for an easy maintenance with immediate access to the inspection areas. This series is available as: DX evaporator, NH<sup>3</sup> pump evaporator and Brine unit cooler.

### Heat exchanger

Coil manufactured from corrugated aluminum fins and copper tubes nominal diameter 16mm.

The fin spacing is 4.2 mm.



### Fan Motor

Three-phase motor 400V-50/60Hz, 4poles. Protections class IP 55. External static pressure available standard 150 Pa.

Two V belts drive.

### Frame and Casework

It's manufactured from aluminum sheets, suitable for applications where a high degree of hygiene is required.

### Defrost

As optional are available the following defrost: electric (E), water (W), hot gas in the coil and electric in the drip tray (HG+E), water plus electric (W+E)

### Options

- Heat exchanger epoxy coating
- Heat exchanger with cataphoresis treatment
- Stainless steel tubes
- Casing in stainless steel
- External static pressure available 50,100,200 Pa
- Filters

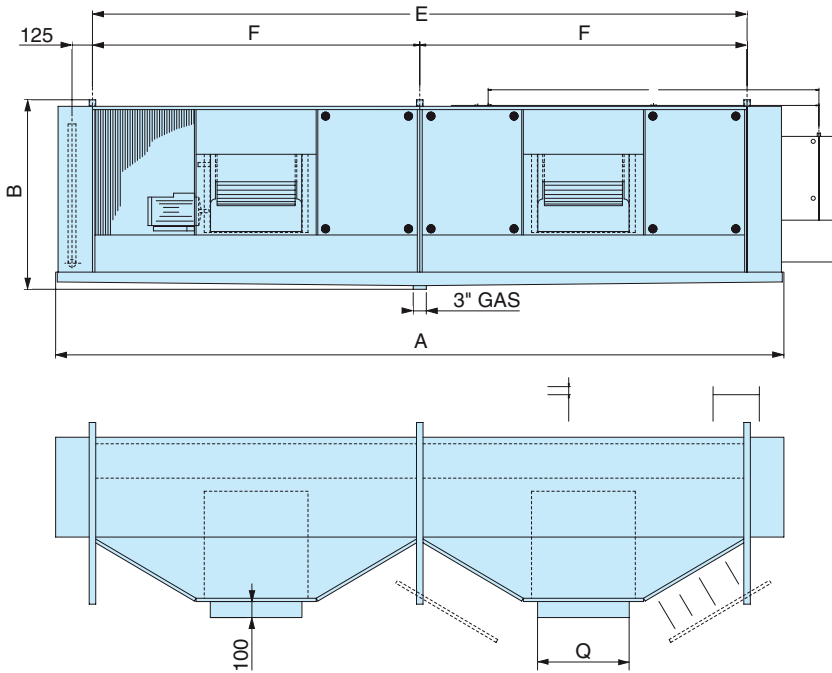
### Ordering code

#### How to contact Alfa Laval

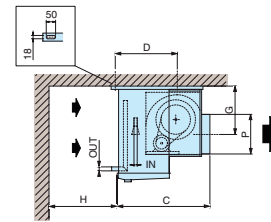
Contact details for all countries are continually updated on our website.

Please visit [www.alfalaval.com](http://www.alfalaval.com) to access the information direct.

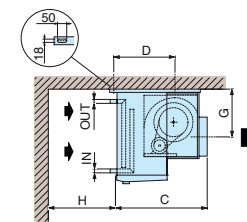
Model	Dimensions (mm)									
	A	B	C	D	E	F	G	H	P	Q
ISC-1412 ISC-1612 ISC-1912	2450	920	1010	750	2000		490	700	400	470
ISC-1416 ISC-1616 ISC-1916	2450	1160	1135	750	2000		585	950	480	560
ISC-2416 ISC-2616 ISC-2916	4450	1160	1135	750	4000	2000	585	950	480	560



**Dx Evaporator**



**Brine unit coolers**



**Ordering code**

ISC 2 6 16 S HG

- Industrial sock cooling
- Number of fans
- Progressive number
- Height coil
- Applications S= Direct Expansion P= Brine unit coolers A=Ammonia pump
- Defrost A= Air HG= Hot gas W= Water E= Electric  
HG+E= Hot gas in the coil, electric in drip tray  
W+E= Water and electric in drip tray

ERC00219EN 0808

Alfa Laval reserves the right to change specifications without prior notification.

**How to contact Alfa Laval**

Up-to-date Alfa Laval contact details for all countries are always available on our website at [www.alfalaval.com](http://www.alfalaval.com)



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