

BREEZE

60 Hz

Angled air cooler

AIR HEAT EXCHANGER MANUFACTURER



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BREEZE

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BREEZE is the angled air cooler for commercial refrigeration, in particular for small cold rooms.



BREEZE

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FLUIDS AVAILABLE

SYNTHETIC REFRIGERANTS
BRINE
CO₂

- 10%

**REFRIGERANT CHARGE
COMPARED TO MARKET REFERENCE**

18

models

54

versions

From 0,8 to 10 kW

DT 8K Capacity

Up to 2 kW/lt

SC2 fin spacing 4,5 mm

+ 8%

increased thickness
high-efficiency rippled tube

+ 20%

increased thickness
high-efficiency louvered fins



Performance



kW/It and kW/W performance
at the top of the market.

Solidity



Increased thicknesses in the coil
without compromising
on material quality.



**Metal structure in pre-painted
plate 15/10**
for excellent solidity.



**Opening drain tray and inner
drain tray**
for great accessibility (315 mm).

BREEZE

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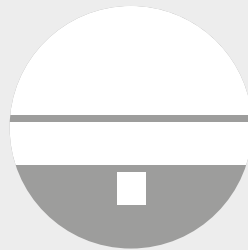
Wired fan unit

To optimize installation activities.



Reliability

With increased thicknesses and aluminum endplates.



Aluminum casing and drain connections

For high solidity.



Machine easy to sanitise

Thanks to hinged casing.

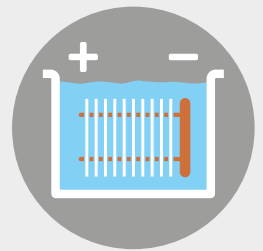
ACCESSORIES

- EC fan motors
- AISI 304 Casing
- Cataphoresis coil treatment



EC fan technology

to increase significantly energy saving



Maximum corrosion resistance with cataphoresis



RANGE

Machine length	2060 mm
3 fin spacing	3 - 4,5 - 7 mm
Fan size	Ø 250 - 315 mm
DT 8K Capacity	0,8 ÷ 10 kW
Number of fans	1 ÷ 3

SELECTION CODE

BREEZE H 25 1 C 4,5 A AC 04S

BREEZE	angled air cooler
H	H = direct expansion C = CO ₂ dx W = brine
25	fan size Ø 250 mm
1	number of fans
C	coil type
4,5	fin spacing mm
A	A = air defrost E = electric defrost W = water defrost
AC	AC = AC motor EC = electronic motor
04	electric motor poles
S	S = single phase D = three phase high speed Y = three phase slow speed

CONFIGURATIONS

RANGE	MODELS	FANS		POLES	FIN SPACING	AVAILABLE ON REQUEST		DEFROST	
		Nr.	Ø mm			BRINE	CO ₂	STANDARD ELECTRIC	HOT GAS
BREEZE 25	9	1 ÷ 3	250	4	3 - 4,5 - 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BREEZE 31	9	1 ÷ 3	315	4	3 - 4,5 - 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

RANGE	ACCESSORIES						
	DRAIN HEATER	PRE PAINTED FINS	COIL CATHODE TREATMENT	AISI 304 CASING	EASY ACCESS	EC FANS	ELECTRIC WIRING
BREEZE 25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BREEZE 31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

● Standard

○ Optional

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Ø 250 mm

FAN SIZE

0,8 ÷ 3,8 kW

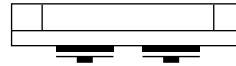
DT 8K CAPACITY

3 - 4,5 - 7 mm

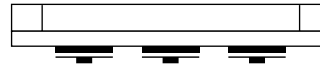
3 FIN SPACING



BREEZE H 25-1



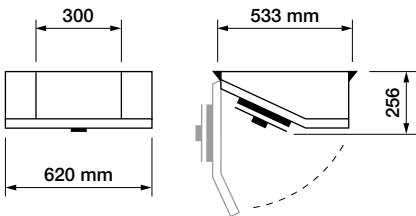
BREEZE H 25-2



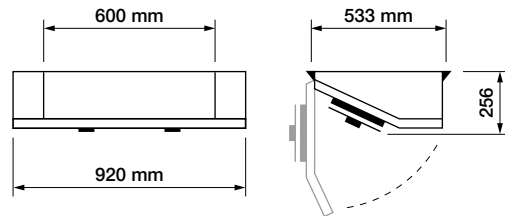
BREEZE H 25-3

DIMENSIONS

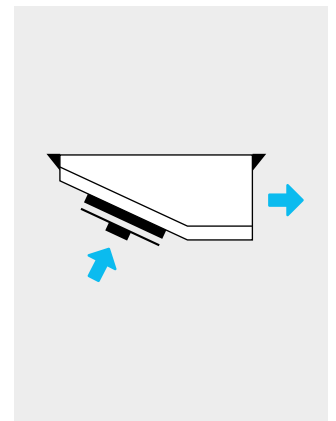
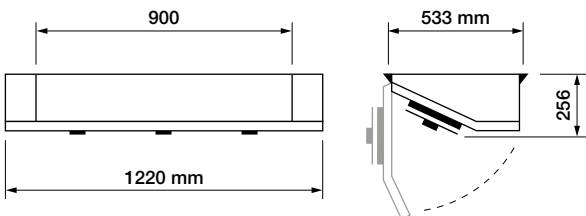
BREEZE H 25-1



BREEZE H 25-2



BREEZE H 25-3



BREEZE H 25

Angled air cooler



FIN SPACING 3 mm / 4 poles	CAPACITY		SURFACE m ²	AIR FLOW m ³ /h	SOUND PRESSURE dB(A) @ 5m	N° FANS x DIAMETER Nr. x Ø mm	FAN SPEED Rpm	POWER W	CURRENT A	AIR THROW m	DEFROSTING POWER kW	VOLUME lt	WEIGHT kg	Ø IN mm	Ø OUT mm
	SC2 - kW	SC3 - kW													
BREEZE E 25-1 C 3 A AC 04S	1,2	-	5,9	550	40	1x250	1550	73	0,52	7,5	1x0,35=0,35	0,5	27	12	16
BREEZE E 25-2 C 3 A AC 04S	2,5	-	11,8	1150	43	2x250	1550	146	1,04	8,4	1x0,7=0,7	1,1	39	12	16
BREEZE E 25-3 C 3 A AC 04S	3,8	-	17,8	1700	44	3x250	1550	219	1,56	8,2	1x1,05=1,05	1,6	51	12	16

FIN SPACING 4,5 mm / 4 poles	CAPACITY		SURFACE m ²	AIR FLOW m ³ /h	SOUND PRESSURE dB(A) @ 5m	N° FANS x DIAMETER Nr. x Ø mm	FAN SPEED Rpm	POWER W	CURRENT A	AIR THROW m	DEFROSTING POWER kW	VOLUME lt	WEIGHT kg	Ø IN mm	Ø OUT mm
	SC2 - kW	SC3 - kW													
BREEZE E 25-1 C 4,5 A AC 04S	1	-	4	600	40	1x250	1550	73	0,52	8,5	1x0,35=0,35	0,5	26	12	16
BREEZE E 25-2 C 4,5 A AC 04S	2,1	-	8	1250	43	2x250	1550	146	1,04	9,4	1x0,7=0,7	1,1	37	12	16
BREEZE E 25-3 C 4,5 A AC 04S	3,2	-	12,1	1850	44	3x250	1550	219	1,56	9,3	1x1,05=1,05	1,6	47	12	16

FIN SPACING 7 mm / 4 poles	CAPACITY		SURFACE m ²	AIR FLOW m ³ /h	SOUND PRESSURE dB(A) @ 5m	N° FANS x DIAMETER Nr. x Ø mm	FAN SPEED Rpm	POWER W	CURRENT A	AIR THROW m	DEFROSTING POWER kW	VOLUME lt	WEIGHT kg	Ø IN mm	Ø OUT mm
	SC2 - kW	SC3 - kW													
BREEZE E 25-1 C 7 A AC 04S	0,8	0,7	2,7	700	40	1x250	1550	73	0,52	9,7	1x0,35=0,35	0,5	25	12	16
BREEZE E 25-2 C 7 A AC 04S	1,7	1,3	5,3	1350	43	2x250	1550	146	1,04	9,9	1x0,7=0,7	1,1	35	12	16
BREEZE E 25-3 C 7 A AC 04S	2,6	2	8	2050	44	3x250	1550	219	1,56	10	1x1,05=1,05	1,6	45	12	16

SC2: Tc=0°C, UR 85%, Tev=-8°C, R404A
 SC3: Tc=-18°C, UR 95%, Tev=-25°C, R404A

BREEZE H 31

Angled air cooler



Ø 315 mm

FAN SIZE

1,9 ÷ 8,3 kW

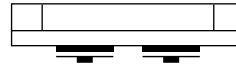
DT 8K CAPACITY

3 - 4,5 - 7 mm

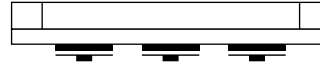
3 FIN SPACING



BREEZE H 31-1



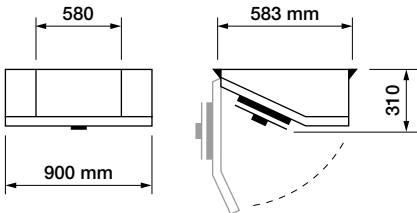
BREEZE H 31-2



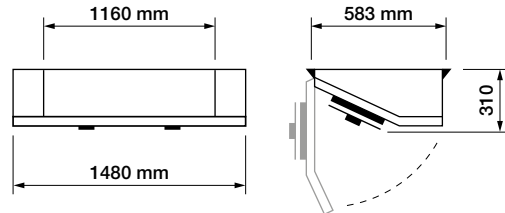
BREEZE H 31-3

DIMENSIONS

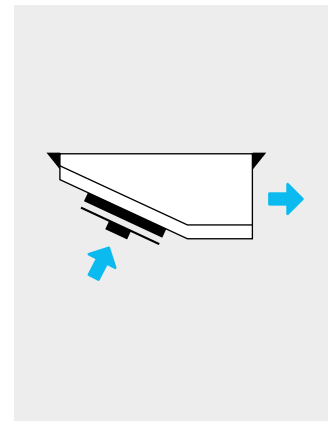
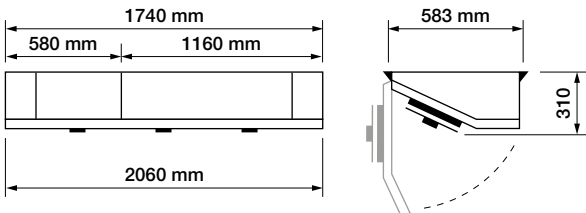
BREEZE H 31-1



BREEZE H 31-2



BREEZE H 31-3



BREEZE H 31

Angled air cooler



FIN SPACING 3 mm / 4 poles	CAPACITY		SURFACE m ²	AIR FLOW m ³ /h	SOUND PRESSURE dB(A) @ 5m	N° FANS x DIAMETER Nr. x Ø mm	FAN SPEED Rpm	POWER W	CURRENT A	AIR THROW m	DEFROSTING POWER kW	VOLUME lt	WEIGHT kg	Ø IN mm	Ø OUT mm
	SC2 - kW	SC3 - kW													
BREEZE E 31-1 C 3 A AC 04S	2,7	-	11,4	1600	40	1x300	1490	148	0,66	12,1	1x0,75=0,75	1	33	12	16
BREEZE E 31-2 C 3 A AC 04S	5,5	-	22,9	3200	43	2x300	1490	296	1,32	13,3	1x1,5=1,5	2,1	49	12	16
BREEZE E 31-3 C 3 A AC 04S	8,3	-	34,3	4850	44	3x300	1490	444	1,98	13,4	1x2,25=2,25	3,1	64	16	28

FIN SPACING 4,5 mm / 4 poles	CAPACITY		SURFACE m ²	AIR FLOW m ³ /h	SOUND PRESSURE dB(A) @ 5m	N° FANS x DIAMETER Nr. x Ø mm	FAN SPEED Rpm	POWER W	CURRENT A	AIR THROW m	DEFROSTING POWER kW	VOLUME lt	WEIGHT kg	Ø IN mm	Ø OUT mm
	SC2 - kW	SC3 - kW													
BREEZE E 31-1 C 4,5 A AC 04S	2,4	-	7,8	1750	40	1x300	1490	148	0,66	14	1x0,75=0,75	1	31	12	16
BREEZE E 31-2 C 4,5 A AC 04S	4,9	-	15,6	3500	43	2x300	1490	296	1,32	15	1x1,5=1,5	2,1	45	12	16
BREEZE E 31-3 C 4,5 A AC 04S	7,4	-	23,3	5250	44	3x300	1490	444	1,98	15	1x2,25=2,25	3,1	59	16	28

FIN SPACING 7 mm / 4 poles	CAPACITY		SURFACE m ²	AIR FLOW m ³ /h	SOUND PRESSURE dB(A) @ 5m	N° FANS x DIAMETER Nr. x Ø mm	FAN SPEED Rpm	POWER W	CURRENT A	AIR THROW m	DEFROSTING POWER kW	VOLUME lt	WEIGHT kg	Ø IN mm	Ø OUT mm
	SC2 - kW	SC3 - kW													
BREEZE E 31-1 C 7 A AC 04S	1,9	1,5	5,2	1900	40	1x300	1490	148	0,66	14,9	1x0,75=0,75	1	30	12	16
BREEZE E 31-2 C 7 A AC 04S	3,9	3,1	10,3	3800	43	2x300	1490	296	1,32	15,9	1x1,5=1,5	2,1	43	12	16
BREEZE E 31-3 C 7 A AC 04S	5,9	4,7	15,5	5700	44	3x300	1490	444	1,98	15,9	1x2,25=2,25	3,1	56	16	28

SC2: Tc=0°C, UR 85%, Tev=-8°C, R404A
 SC3: Tc=-18°C, UR 95%, Tev=-25°C, R404A

BREEZE H 25
BREEZE H 31



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**Great products
for great customers**