



BREEZE UNIT COOLER



Breeze Unit Cooler

- Breeze series unit cooler are specially designed for small and medium size cold rooms
- Suitable for Restaurants, Food & Beverage, Retails and Convenience Stores
- Operating condition (Evaporating Temperature) : -30°C to +15°C
- Breeze unit coolers offers 3 series suitable for different operating conditions (BLA, BLP and BDE)
 - BLA series - Medium temperature without electric defrost. Fins spacing 4 mm
 - BLP series – Medium-Low temperature with electric defrost. Fins spacing 4 mm
 - BDE series - Low temperature with electric defrost. Fins spacing 6 mm
- Breeze series unit coolers comes with 300 mm and 400 mm fan motor (IP 45 protection and built in thermal protection)
- Suitable for Refrigerants R22, R134a, R404a, R407B, R407C, R507A (For other refrigerants, please contact relevant sales person)
- Warranty 1 year



Food and Beverage



Restaurant



Convenience Store

Nomenclature BDE 80/12.3

B | Breeze Series
Unit Cooler

D | L - Medium Temperature
(-5°C ~ +15°C)
D - Low Temperature
(-30°C ~ -10°C)

E | A - Air Defrost
P - Partial Defrost (Medium Temperature)
E - Electric Defrost (Low Temperature)

80/12.3 | Capacity: 12.3kW (R404A)

Breeze Medium Temperature 6FPI (4.23mm) / Air Defrost

Model	Capacity (Watts)				Fan Data						
	ASHRAE RT =+3°C , ET =-5°C		EUROVENT SC2* RT =+0°C , ET =-8°C		No. of Fans	Fan Motor			Air Flow (m3/hr) @ 0 Pa	Fan Speed (rpm)	Air Throw (m)**
	R22 8 KTD	R404A 8 KTD	R22 8 KTD	R404A 8 KTD		(V/Ph/Hz)	(Watts)	(Amps)			
BLA 20/3.7	3,430	3,400	3,710	3,670	1 x 300	230/1/50	100	0.44	1,750	1,380	6.2
BLA 25/4.8	4,500	4,450	4,860	4,810	1 x 300	230/1/50	100	0.44	1,750	1,380	5.9
BLA 40/7.8	7,290	7,210	7,880	7,790	2 x 300	230/1/50	100	0.44	3,500	1,380	6.9
BLA 55/10.0	9,350	9,250	10,110	10,000	2 x 300	230/1/50	100	0.44	3,500	1,380	6.6
BLA 60/12.0	11,220	11,100	12,130	12,000	3 x 300	230/1/50	100	0.44	5,250	1,380	7.8
BLA 80/16.0	14,970	14,800	16,180	16,000	3 x 400	400/3/50	190	0.50	10,500	1,350	18.2
BLA 105/18.7	17,490	17,300	18,910	18,700	3 x 400	400/3/50	190	0.50	10,500	1,350	18.0
BLA 125/23.0	21,550	21,310	23,300	23,040	4 x 400	400/3/50	190	0.50	14,000	1,350	18.6

Ratings & Conditions

ASHRAE Condition - Air Inlet Temperature = +3°C and Evaporating Temperature = -5°C

* EUROVENT Data is based on **SC2 Nominal Capacity**

SC2 Condition - Air Inlet Temperature = +0°C and Evaporating Temperature = -8°C

Breeze Medium Temperature 6FPI (4.23mm) / Electric Defrost

Model	Capacity (Watts)				Fan Data							Heater Details	
	ASHRAE RT =-4°C , ET =-10°C		EUROVENT SC2* RT =+0°C , ET =-8°C		No. of Fans	Fan Motor			Air Flow (m3/hr) @ 0 Pa	Fan Speed (rpm)	Air Throw (m)**	Coil Heater (Watts)	Drain Pan Heater (Watts)
	R22 6 KTD	R404A 6 KTD	R22 8 KTD	R404A 8 KTD		(V/Ph/Hz)	(Watts)	(Amps)					
BLP 20/3.7	2,630	2,600	3,710	3,670	1 x 300	230/1/50	100	0.44	1,750	1,380	6.2	1 x 700	1 x 300
BLP 25/4.8	3,440	3,400	4,860	4,810	1 x 300	230/1/50	100	0.44	1,750	1,380	5.9	1 x 700	1 x 300
BLP 40/7.8	5,560	5,500	7,880	7,790	2 x 300	230/1/50	100	0.44	3,500	1,380	6.9	1 x 1,370	1 x 840
BLP 55/10.0	7,080	7,000	10,110	10,000	2 x 300	230/1/50	100	0.44	3,500	1,380	6.6	1 x 1,370	1 x 840
BLP 60/12.0	8,390	8,300	12,030	11,900	3 x 300	230/1/50	100	0.44	5,250	1,380	7.8	1 x 1,910	1 x 840
BLP 80/16.0	11,250	11,130	16,070	15,890	3 x 400	400/3/50	190	0.50	10,500	1,350	18.2	2 x 1,700	1 x 1,070
BLP 105/18.7	13,620	13,470	18,910	18,700	3 x 400	400/3/50	190	0.50	10,500	1,350	18.0	2 x 1,700	1 x 1,070
BLP 125/23.0	16,780	16,590	23,960	23,700	4 x 400	400/3/50	190	0.50	14,000	1,350	18.6	2 x 2,300	1 x 1,400

Ratings & Conditions

ASHRAE Condition - Air Inlet Temperature = -4°C and Evaporating Temperature = -10°C

* EUROVENT Data is based on **SC2 Nominal Capacity**

SC2 Condition - Air Inlet Temperature = +0°C and Evaporating Temperature = -8°C

Breeze Low Temperature 4FPI (6.35mm) / Electric Defrost

Model	Capacity (Watts)				Fan Data							Heater Details	
	ASHRAE RT =-19°C , ET =-25°C		EUROVENT SC3* RT =-18°C , ET =-25°C		No. of Fans	Fan Motor			Air Flow (m3/hr) @ 0 Pa	Fan Speed (rpm)	Air Throw (m)**	Coil Heater (Watts)	Drain Pan Heater (Watts)
	R22 6 KTD	R404A 6 KTD	R22 7 KTD	R404A 7 KTD		(V/Ph/Hz)	(Watts)	(Amps)					
BDE 15/2.5	2,020	2,000	2,480	2,450	1 x 300	230/1/50	100	0.44	1,750	1,380	5.7	2 x 700	1 x 300
BDE 22/3.4	2,830	2,800	3,470	3,430	2 x 300	230/1/50	100	0.44	3,500	1,380	6.7	2 x 1,370	1 x 840
BDE 30/5.0	4,140	4,100	5,080	5,020	2 x 300	230/1/50	100	0.44	3,500	1,380	6.2	2 x 1,370	1 x 840
BDE 40/7.1	5,860	5,800	7,180	7,100	3 x 300	230/1/50	100	0.44	5,250	1,380	7.2	2 x 1,910	1 x 840
BDE 60/8.9	7,310	7,230	8,960	8,860	2 x 400	400/3/50	190	0.50	7,000	1,350	17.1	4 x 1,150	1 x 700
BDE 80/12.2	10,100	9,990	12,380	12,240	3 x 400	400/3/50	190	0.50	10,500	1,350	18.0	4 x 1,700	1 x 1,070

Ratings & Conditions

ASHRAE Condition - Air Inlet Temperature = -19°C and Evaporating Temperature = -25°C

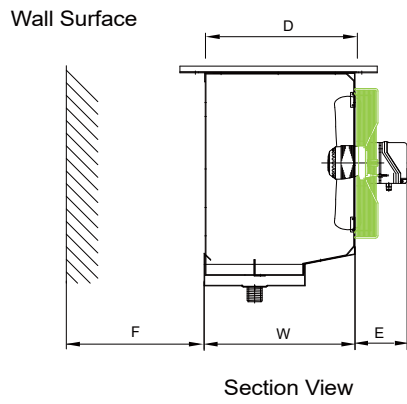
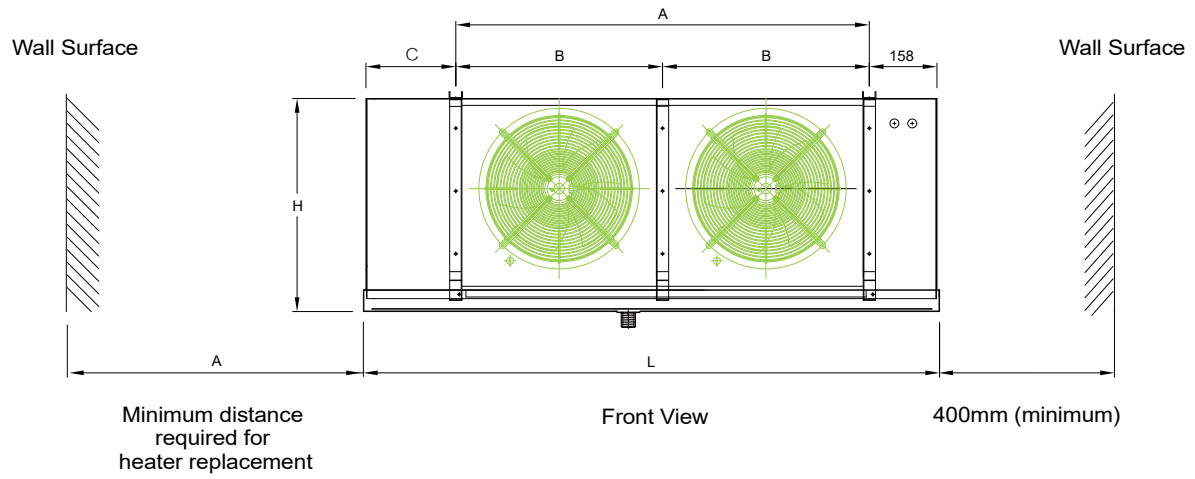
* EUROVENT Data is based on **SC3 Nominal Capacity**

SC3 Condition - Air Inlet Temperature = -18°C and Evaporating Temperature = -25°C

Dimensions

Model	Size(mm)												Weight (kg)*	Liquid Connection (mm)	Suction Connection (mm)	Drain Pipe Connection (mm)
	A	B	C	D	E	F (min)	H	W	L	H*	W*	L*				
BLA 20/3.7	528	-	202	354	115	300	503	321	890	675	595	1,026	26.0	12.7	22.2	25.4
BLA 25/4.8	528	-	202	354	115	300	503	321	890	675	595	1,026	29.0	12.7	22.2	25.4
BLA 40/7.8	1,028	-	202	354	115	300	503	321	1,390	675	595	1,531	45.0	12.7	28.6	25.4
BLA 55/10.0	1,028	-	202	354	115	300	503	321	1,390	675	595	1,531	49.0	12.7	28.6	25.4
BLA 60/12.0	1,528	-	202	354	115	300	503	321	1,890	675	595	2,031	58.0	12.7	28.6	25.4
BLA 80/16.0	1,707	569(x3)	207	365	135	400	639	330	2,077	820	620	2,220	93.0	15.8	28.6	25.4
BLA 105/18.7	1,707	569(x3)	207	365	135	400	639	330	2,077	820	620	2,220	99.0	19.0	28.6	25.4
BLA 125/23.0	2,268	567(x4)	207	365	135	400	639	330	2,637	820	620	2,790	135.0	19.0	28.6	25.4
BLP 20/3.7	528	-	202	354	115	300	503	321	890	675	595	1,026	26.0	12.7	22.2	25.4
BLP 25/4.8	528	-	202	354	115	300	503	321	890	675	595	1,026	29.0	12.7	22.2	25.4
BLP 40/7.8	1,028	-	202	354	115	300	503	321	1,390	675	595	1,531	45.0	12.7	28.6	25.4
BLP 55/10.0	1,028	-	202	354	115	300	503	321	1,390	675	595	1,531	49.0	12.7	28.6	25.4
BLP 60/12.0	1,528	-	202	354	115	300	503	321	1,890	675	595	2,031	58.0	12.7	28.6	25.4
BLP 80/16.0	1,707	569(x3)	207	365	135	400	639	330	2,077	820	620	2,220	93.0	15.8	28.6	25.4
BLP 105/18.7	1,707	569(x3)	207	365	135	400	639	330	2,077	820	620	2,220	99.0	19.0	28.6	25.4
BLP 125/23.0	2,268	567(x4)	207	365	135	400	639	330	2,637	820	620	2,790	135.0	19.0	28.6	25.4
BDE 15/2.5	528	-	202	354	115	300	503	321	890	675	595	1,026	28.0	12.7	22.2	25.4
BDE 22/3.4	1,028	-	202	354	115	300	503	321	1,390	675	595	1,531	42.0	12.7	28.6	25.4
BDE 30/5.0	1,028	-	202	354	115	300	503	321	1,390	675	595	1,531	51.0	12.7	28.6	25.4
BDE 40/7.1	1,528	-	202	354	115	300	503	321	1,890	675	595	2,031	61.0	15.8	28.6	25.4
BDE 60/8.9	1,148	574(x2)	207	365	135	400	639	330	1,517	820	620	1,660	72.0	15.8	28.6	25.4
BDE 80/12.2	1,707	569(x3)	207	365	135	400	639	330	2,077	820	620	2,220	98.0	19.0	28.6	25.4

*Packed Dimensions / Weight



Breeze