

1,1 - 48,2 kW

# SBE Series Cubic Unit Cooler

## SBE Serisi Kübik Tip Oda Soğutucu





# SBE Series

**SARBUZ SBE Serisi Kübik Tip Oda Soğutucuları, küçük ve orta kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.**

SARBUZ SBE Series Cubic Unit Coolers are designed for low and middle capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.







## Ürün Kodlama
Product Classification

SBE-84-350-AD

| | |
|---|---|
| **Kübik Tip Oda Soğutucu**<br>Cubic Unit Cooler | SBE- |
| **Hatve**<br>Fin Spacing | 8 |
| **Batarya Kodu**<br>Coil Code | 4- |
| **Fan 3 ad. x Ø 500mm.**<br>Fans 3 pcs. x Ø 500mm. | 350- |

| | |
|---|---|
| **Hava ile defrost veya rezistanssız**<br>Air defrost or without heaters | AD |
| **Sıcak gaz defrost**<br>Hot gas defrost | GD |
| **Yüksek sıcaklık için rezistans ($T_r$ = +5/-2)**<br>Electric defrost for high temperature | HT |
| **Düşük sıcaklık için rezistans ($T_r$ = -2/-25)**<br>Electric defrost for low temperature | LT |
| **Su ile defrost**<br>Water defrost | WD |

# SBE Serisi Kübik Tip Oda Soğutucu / SBE Series Cubic Unit Cooler

## Kapasite / Capacity

**Lamel Aralığı** / Fin Spacing **4,0 mm**

| | MODEL | Kapasite Capacity | | Isı Transfer Yüzeyi Heat Transfer Surface | FAN | | | | | Enerji Verimliliği Sınıfı Energy Efficiency Class | Isıtıcılar Electrical Defrost | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | HT | LT | |
| | | SC1 To= 10°C Te= 0°C ΔT=10K | SC2 To= 0°C Te= -8°C ΔT=8K | | Çap Diameter | Hava Debisi Air Flow | Hava Atım Mesafesi Air Throw | Elektrik Gücü Power Input | Ses Basınç Seviyesi Sound Pressure Level 3m | | Batarya Coil | Batarya Coil | Tava Drip Tray |
| | | Watt | Watt | $m^2$ | mm | $m^3/h$ | m | Watt | db(A) | | Watt | Watt | Watt |
| 1x | SBE-41-130 | 2610 | 1760 | 8,0 | 300 | 1390 | 6 | 66 | 41 | C | 1x400 | - | - |
| | SBE-42-130 | 3080 | 2070 | 10,6 | 300 | 1310 | 6 | 69 | 41 | C | 2x400 | - | - |
| | SBE-44-130 | 3690 | 2540 | 16,0 | 300 | 1190 | 5 | 71 | 42 | C | 2x400 | - | - |
| | SBE-42-135 | 5370 | 3630 | 16,6 | 350 | 2450 | 10 | 155 | 46 | D | 2x520 | - | - |
| | SBE-43-135 | 5990 | 4050 | 20,7 | 350 | 2310 | 9 | 158 | 46 | D | 2x520 | - | - |
| | SBE-44-135 | 6350 | 4410 | 24,9 | 350 | 2180 | 9 | 159 | 46 | C | 3x520 | - | - |
| | SBE-42-140 | 6630 | 4450 | 19,4 | 400 | 3190 | 11 | 198 | 55 | D | 2x520 | - | - |
| | SBE-43-140 | 7310 | 4970 | 24,2 | 400 | 2980 | 10 | 205 | 56 | D | 3x520 | - | - |
| | SBE-44-140 | 8020 | 5450 | 29,0 | 400 | 2810 | 10 | 210 | 56 | C | 3x520 | - | - |
| | SBE-42-145 | 8220 | 5380 | 21,6 | 450 | 4510 | 13 | 323 | 57 | D | 3x650 | - | - |
| | SBE-43-145 | 9410 | 6340 | 27,0 | 450 | 4290 | 13 | 333 | 56 | D | 3x650 | - | - |
| | SBE-44-145 | 10320 | 6920 | 32,5 | 450 | 4080 | 12 | 343 | 55 | D | 4x650 | - | - |
| | SBE-42-150 | 10640 | 7100 | 24,7 | 500 | 6680 | 18 | 641 | 55 | E | 3x650 | - | - |
| | SBE-44-150 | 13480 | 9040 | 37,2 | 500 | 5820 | 15 | 675 | 56 | E | 4x650 | - | - |
| | SBE-42-150L | 12680 | 8510 | 30,5 | 500 | 7400 | 19 | 625 | 55 | E | 3x800 | - | - |
| | SBE-44-150L | 15720 | 10590 | 45,6 | 500 | 6580 | 17 | 645 | 55 | D | 4x800 | - | - |
| | SBE-46-150L | 17370 | 11930 | 60,7 | 500 | 5980 | 16 | 675 | 56 | D | 5x800 | - | - |
| 2x | SBE-41-230 | 5160 | 3490 | 16,0 | 300 | 2780 | 7 | 132 | 44 | C | 1x800 | - | - |
| | SBE-42-230 | 6250 | 4220 | 21,3 | 300 | 2620 | 6 | 137 | 44 | C | 2x800 | - | - |
| | SBE-44-230 | 7470 | 5100 | 31,9 | 300 | 2370 | 6 | 141 | 45 | C | 3x800 | - | - |
| | SBE-42-235 | 10800 | 7240 | 33,2 | 350 | 4910 | 10 | 310 | 49 | D | 2x1040 | - | - |
| | SBE-43-235 | 12060 | 8230 | 41,5 | 350 | 4620 | 10 | 316 | 49 | C | 3x1040 | - | - |
| | SBE-44-235 | 12880 | 8710 | 49,8 | 350 | 4360 | 9 | 318 | 49 | C | 3x1040 | - | - |
| | SBE-42-240 | 13420 | 9030 | 38,7 | 400 | 6380 | 12 | 398 | 58 | D | 2x1040 | - | - |
| | SBE-43-240 | 15010 | 10170 | 48,4 | 400 | 5970 | 11 | 410 | 59 | D | 3x1040 | - | - |
| | SBE-44-240 | 16170 | 11020 | 58,1 | 400 | 5630 | 10 | 420 | 59 | C | 3x1040 | - | - |
| | SBE-42-245 | 16390 | 11020 | 43,1 | 450 | 9020 | 14 | 646 | 60 | D | 3x1300 | - | - |
| | SBE-43-245 | 19060 | 12740 | 54,2 | 450 | 8590 | 13 | 666 | 59 | D | 4x1300 | - | - |
| | SBE-44-245 | 20930 | 14070 | 65,1 | 450 | 8170 | 13 | 686 | 58 | D | 4x1300 | - | - |
| | SBE-46-245 | 23060 | 15570 | 86,8 | 450 | 7430 | 11 | 710 | 59 | D | 4x1300 | - | - |
| | SBE-44-250 | 27080 | 18240 | 74,4 | 500 | 11490 | 16 | 1350 | 59 | E | 5x1300 | - | - |
| | SBE-44-250L | 31170 | 21280 | 91,1 | 500 | 13170 | 18 | 1290 | 58 | D | 5x1600 | - | - |
| | SBE-46-250L | 35180 | 23660 | 121,5 | 500 | 11950 | 17 | 1350 | 59 | D | 6x1600 | - | - |
| 3x | SBE-41-330 | 7770 | 5360 | 23,9 | 300 | 4170 | 7 | 198 | 46 | C | 2x1200 | - | - |
| | SBE-42-330 | 9360 | 6380 | 31,9 | 300 | 3930 | 7 | 206 | 46 | C | 2x1200 | - | - |
| | SBE-44-330 | 11230 | 7710 | 47,9 | 300 | 3560 | 6 | 212 | 47 | C | 3x1200 | - | - |
| | SBE-42-335 | 16250 | 11040 | 49,8 | 350 | 7360 | 11 | 465 | 51 | D | 2x1600 | - | - |
| | SBE-43-335 | 18240 | 12370 | 62,2 | 350 | 6930 | 10 | 474 | 51 | C | 3x1600 | - | - |
| | SBE-44-335 | 19420 | 13150 | 74,7 | 350 | 6540 | 10 | 477 | 51 | C | 3x1600 | - | - |
| | SBE-42-340 | 20120 | 13630 | 58,1 | 400 | 9560 | 13 | 597 | 60 | D | 2x1600 | - | - |
| | SBE-43-340 | 22590 | 15270 | 72,6 | 400 | 8950 | 12 | 615 | 61 | D | 3x1600 | - | - |
| | SBE-44-340 | 24110 | 16270 | 87,1 | 400 | 8440 | 11 | 630 | 61 | C | 3x1600 | - | - |
| | SBE-42-345 | 25340 | 16990 | 65,1 | 450 | 13530 | 15 | 969 | 62 | D | 3x1950 | - | - |
| | SBE-44-345 | 31400 | 21250 | 97,3 | 450 | 12250 | 13 | 1029 | 60 | D | 4x1950 | - | - |
| | SBE-46-345 | 34820 | 24050 | 130,0 | 450 | 11150 | 12 | 1065 | 61 | D | 4x1950 | - | - |
| | SBE-44-350 | 41060 | 27630 | 111,5 | 500 | 17460 | 17 | 2025 | 61 | E | 5x1950 | - | - |
| | SBE-44-350L | 47700 | 32640 | 137,3 | 500 | 19750 | 19 | 1935 | 60 | D | 5x2400 | - | - |
| | SBE-46-350L | 53660 | 36220 | 183,0 | 500 | 17940 | 18 | 2025 | 61 | D | 6x2400 | - | - |
| 4x | SBE-42-440 | 25570 | 17140 | 69,4 | 400 | 12990 | 14 | 796 | 61 | D | 2x2090 | - | - |
| | SBE-44-440 | 31040 | 21030 | 103,8 | 400 | 11510 | 12 | 840 | 62 | C | 3x2090 | - | - |
| | SBE-44-445 | 39090 | 27070 | 119,7 | 450 | 15660 | 14 | 1372 | 61 | D | 4x2400 | - | - |
| | SBE-46-445 | 43920 | 29810 | 160,2 | 450 | 14120 | 12 | 1420 | 62 | D | 4x2400 | - | - |
| | SBE-44-450L | 63670 | 42510 | 183,0 | 500 | 26340 | 21 | 2580 | 61 | D | 5x3200 | - | - |
| | SBE-46-450L | 71450 | 48230 | 243,8 | 500 | 23920 | 19 | 2700 | 62 | D | 6x3200 | | |

**Not:** Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

| MODEL | Ölçüler Dimensions | | | | | | | | | | | Bağlantılar Connections | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boru Hacmi Tube Volume | Ağırlık Weight | L | H1 | H2 | D | A | B | B1 | B2 | C | Soğutucu Gaz Refrigerant | | Drenaj Drain |
| | | | | | | | | | | | | Giriş Inlet | Çıkış Outlet | Çıkış Out |
| | l | kg | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm Ø | mm Ø | Inch |
| SBE-41-130 | 1,5 | 17 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 12,7 | 3/4" G |
| SBE-42-130 | 2,0 | 18 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 12,7 | 3/4" G |
| SBE-44-130 | 3,0 | 22 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 15,9 | 3/4" G |
| SBE-42-135 | 3,1 | 25 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 15,9 | 3/4" G |
| SBE-43-135 | 3,9 | 28 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-44-135 | 4,7 | 30 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-42-140 | 3,6 | 31 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-43-140 | 4,4 | 34 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-44-140 | 5,4 | 36 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 22 | 3/4" G |
| SBE-42-145 | 4,4 | 37 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-43-145 | 5,3 | 39 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-44-145 | 6,8 | 42 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-42-150 | 4,9 | 43 | 1070 | 690 | 735 | 578 | 435 | 650 | - | - | 457 | 12,7 | 22 | 1" G |
| SBE-44-150 | 7,8 | 49 | 1070 | 690 | 735 | 578 | 435 | 650 | - | - | 457 | 12,7 | 28 | 1" G |
| SBE-42-150L | 6,4 | 48 | 1220 | 690 | 735 | 578 | 435 | 800 | - | - | 457 | 12,7 | 28 | 1" G |
| SBE-44-150L | 9,0 | 55 | 1220 | 690 | 735 | 578 | 435 | 800 | - | - | 457 | 15,9 | 28 | 1" G |
| SBE-46-150L | 12,0 | 65 | 1220 | 690 | 735 | 638 | 495 | 800 | - | - | 517 | 15,9 | 35 | 1" G |
| SBE-41-230 | 2,8 | 26 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 15,9 | 3/4" G |
| SBE-42-230 | 4,0 | 29 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 19 | 3/4" G |
| SBE-44-230 | 6,0 | 34 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 19 | 3/4" G |
| SBE-42-235 | 6,2 | 40 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 22 | 3/4" G |
| SBE-43-235 | 7,8 | 45 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 15,9 | 28 | 3/4" G |
| SBE-44-235 | 9,3 | 49 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-42-240 | 7,0 | 49 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-43-240 | 9,1 | 54 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 15,9 | 28 | 3/4" G |
| SBE-44-240 | 10,4 | 59 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 15,9 | 28 | 3/4" G |
| SBE-42-245 | 8,1 | 60 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 28 | 1" G |
| SBE-43-245 | 11,3 | 64 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 35 | 1" G |
| SBE-44-245 | 13,6 | 70 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 35 | 1" G |
| SBE-46-245 | 18,2 | 83 | 1720 | 610 | 645 | 634 | 495 | 1300 | - | - | 517 | 15,9 | 35 | 1" G |
| SBE-44-250 | 15,6 | 80 | 1720 | 690 | 735 | 578 | 435 | 1300 | - | - | 457 | 22 | 35 | 1" G |
| SBE-44-250L | 18,0 | 92 | 2020 | 690 | 735 | 578 | 435 | 1600 | - | - | 457 | 22 | 42 | 1" G |
| SBE-46-250L | 23,9 | 110 | 2020 | 690 | 735 | 638 | 495 | 1600 | - | - | 517 | 22 | 42 | 1" G |
| SBE-41-330 | 4,2 | 34 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 19 | 3/4" G |
| SBE-42-330 | 5,4 | 38 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 22 | 3/4" G |
| SBE-44-330 | 9,0 | 47 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 15,9 | 28 | 3/4" G |
| SBE-42-335 | 9,3 | 56 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 28 | 3/4" G |
| SBE-43-335 | 11,7 | 62 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 3/4" G |
| SBE-44-335 | 14,0 | 68 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 3/4" G |
| SBE-42-340 | 10,9 | 68 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-43-340 | 13,6 | 75 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-44-340 | 16,3 | 82 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-42-345 | 13,6 | 85 | 2370 | 610 | 645 | 574 | 435 | 1950 | 650 | 1300 | 457 | 15,9 | 35 | 1" G |
| SBE-44-345 | 19,5 | 97 | 2370 | 610 | 645 | 574 | 435 | 1950 | 650 | 1300 | 457 | 22 | 42 | 1" G |
| SBE-46-345 | 26,7 | 122 | 2370 | 610 | 645 | 634 | 495 | 1950 | 650 | 1300 | 517 | 22 | 42 | 1" G |
| SBE-44-350 | 23,3 | 111 | 2820 | 690 | 735 | 578 | 435 | 2400 | 800 | 1600 | 457 | 22 | 42 | 1 1/4" G |
| SBE-44-350L | 28,7 | 130 | 2820 | 690 | 735 | 578 | 435 | 2400 | 800 | 1600 | 457 | 22 | 54 | 1 1/4" G |
| SBE-46-350L | 38,3 | 157 | 2820 | 690 | 735 | 638 | 495 | 2400 | 800 | 1600 | 517 | 28 | 54 | 1 1/4" G |
| SBE-42-440 | 14,5 | 87 | 2420 | 605 | 640 | 554 | 395 | 2080 | 1040 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-44-440 | 20,7 | 101 | 2420 | 605 | 640 | 554 | 395 | 2080 | 1040 | 1040 | 417 | 22 | 42 | 1" G |
| SBE-44-445 | 23,9 | 119 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 22 | 42 | 1" G |
| SBE-46-445 | 33,5 | 146 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 22 | 54 | 1" G |
| SBE-44-450L | 37,7 | 184 | 3620 | 610 | 645 | 574 | 435 | 3200 | 1600 | 1600 | 457 | 28 | 54 | 1 1/4" G |
| SBE-46-450L | 50,3 | 221 | 3620 | 610 | 645 | 634 | 495 | 3200 | 1600 | 1600 | 517 | 28 | 54 | 1 1/4" G |

# SBE Serisi Kübik Tip Oda Soğutucu / SBE Series Cubic Unit Cooler

## Kapasite / Capacity

**Lamel Aralığı** / Fin Spacing **6,0 mm**

| | MODEL | Kapasite Capacity | | | Isı Transfer Yüzeyi Heat Transfer Surface | FAN | | | | | Enerji Verimliliği Sınıfı Energy Efficiency Class | Isıtıcılar Electrical Defrost | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | HT | LT | |
| | | SC1<br>To= 10°C<br>Te= 0°C<br>ΔT=10K | SC2<br>To= 0°C<br>Te= -8°C<br>ΔT=8K | SC3<br>To= -18°C<br>Te= -25°C<br>ΔT=7K | | Çap Diameter | Hava Debisi Air Flow | Hava Atım Mesafesi Air Throw | Elektrik Gücü Power Input | Ses Basınç Seviyesi Sound Pressure Level<br>3m | | Batarya Coil | Batarya Coil | Tava Drip Tray |
| | | Watt | Watt | Watt | m² | mm | m³/h | m | Watt | db(A) | | Watt | Watt | Watt |
| | SBE-61-130 | 2140 | 1450 | 1140 | 5,5 | 300 | 1440 | 7 | 65 | 41 | C | 1x400 | 2x400 | 1x400 |
| | SBE-62-130 | 2630 | 1770 | 1340 | 7,3 | 300 | 1371 | 6 | 66 | 41 | C | 2x400 | 3x400 | 1x400 |
| | SBE-64-130 | 3250 | 2220 | 1800 | 11,0 | 300 | 1256 | 6 | 69 | 42 | B | 2x400 | 3x400 | 1x400 |
| | SBE-62-135 | 4520 | 3060 | 2420 | 11,4 | 350 | 2584 | 10 | 151 | 46 | D | 2x520 | 3x520 | 1x520 |
| | SBE-63-135 | 5220 | 3520 | 2840 | 14,2 | 350 | 2450 | 10 | 155 | 46 | C | 2x520 | 3x520 | 1x520 |
| | SBE-64-135 | 5700 | 3840 | 3130 | 17,1 | 350 | 2330 | 9 | 158 | 46 | C | 3x520 | 4x520 | 1x520 |
| | SBE-62-140 | 5640 | 3790 | 3000 | 13,3 | 400 | 3374 | 12 | 196 | 55 | D | 2x520 | 3x520 | 1x520 |
| | SBE-63-140 | 6370 | 4260 | 3410 | 16,6 | 400 | 3176 | 11 | 198 | 56 | C | 3x520 | 4x520 | 1x520 |
| 1x | SBE-64-140 | 7090 | 4810 | 3830 | 19,9 | 400 | 3010 | 10 | 205 | 56 | C | 3x520 | 4x520 | 1x520 |
| | SBE-62-145 | 7280 | 4910 | 3980 | 16,6 | 450 | 4649 | 14 | 318 | 57 | D | 3x650 | 4x650 | 1x650 |
| | SBE-63-145 | 8470 | 5700 | 4610 | 20,8 | 450 | 4440 | 13 | 328 | 56 | D | 3x650 | 4x650 | 1x650 |
| | SBE-64-145 | 9500 | 6380 | 5150 | 24,9 | 450 | 4253 | 12 | 338 | 55 | D | 4x650 | 5x650 | 1x650 |
| | SBE-62-150 | 9470 | 6360 | 5100 | 19,0 | 500 | 6928 | 18 | 636 | 55 | E | 3x650 | 4x650 | 1x650 |
| | SBE-64-150 | 12320 | 8270 | 6660 | 28,5 | 500 | 6057 | 16 | 670 | 56 | E | 4x650 | 5x650 | 1x650 |
| | SBE-62-150L | 11060 | 7550 | 5900 | 23,4 | 500 | 7600 | 20 | 620 | 55 | E | 3x800 | 4x800 | 1x800 |
| | SBE-64-150L | 14240 | 9600 | 7850 | 35,1 | 500 | 6811 | 18 | 640 | 55 | D | 4x800 | 5x800 | 1x800 |
| | SBE-66-150L | 16170 | 11040 | 9010 | 46,8 | 500 | 6194 | 16 | 670 | 56 | D | 5x800 | 6x800 | 2x800 |
| | SBE-61-230 | 4210 | 2850 | 2290 | 11,0 | 300 | 2881 | 7 | 129 | 44 | C | 1x800 | 2x800 | 1x800 |
| | SBE-62-230 | 5310 | 3590 | 2790 | 14,6 | 300 | 2742 | 7 | 132 | 44 | C | 2x800 | 3x800 | 1x800 |
| | SBE-64-230 | 6630 | 4520 | 3590 | 21,9 | 300 | 2512 | 6 | 138 | 45 | B | 3x800 | 4x800 | 1x800 |
| | SBE-62-235 | 9210 | 6190 | 4920 | 22,8 | 350 | 5168 | 11 | 302 | 49 | D | 2x1040 | 3x1040 | 1x1040 |
| | SBE-63-235 | 10400 | 6990 | 5690 | 28,5 | 350 | 4900 | 10 | 310 | 49 | C | 3x1040 | 4x1040 | 1x1040 |
| | SBE-64-235 | 11530 | 7790 | 6340 | 34,2 | 350 | 4660 | 10 | 316 | 49 | C | 3x1040 | 4x1040 | 1x1040 |
| | SBE-62-240 | 11370 | 7660 | 5890 | 26,6 | 400 | 6748 | 12 | 392 | 58 | D | 2x1040 | 3x1040 | 1x1040 |
| | SBE-63-240 | 12990 | 8790 | 7070 | 33,2 | 400 | 6352 | 12 | 396 | 59 | C | 3x1040 | 4x1040 | 1x1040 |
| 2x | SBE-64-240 | 14180 | 9590 | 7780 | 39,9 | 400 | 6020 | 11 | 410 | 59 | C | 3x1040 | 4x1040 | 1x1040 |
| | SBE-62-245 | 14930 | 9730 | 8020 | 33,2 | 450 | 9298 | 14 | 636 | 60 | D | 3x1300 | 4x1300 | 1x1300 |
| | SBE-63-245 | 17290 | 11570 | 9140 | 41,6 | 450 | 8881 | 14 | 656 | 59 | D | 4x1300 | 5x1300 | 1x1300 |
| | SBE-64-245 | 19210 | 12930 | 10380 | 49,9 | 450 | 8506 | 13 | 676 | 58 | D | 4x1300 | 5x1300 | 1x1300 |
| | SBE-66-245 | 21760 | 14690 | 12050 | 66,5 | 450 | 7810 | 12 | 700 | 59 | D | 4x1300 | 5x1300 | 2x1300 |
| | SBE-64-250 | 24860 | 16730 | 13400 | 57,0 | 500 | 12114 | 17 | 1340 | 59 | E | 5x1300 | 6x1300 | 1x1300 |
| | SBE-64-250L | 28990 | 19380 | 15630 | 70,1 | 500 | 13622 | 19 | 1280 | 58 | D | 5x1600 | 6x1600 | 1x1600 |
| | SBE-66-250L | 32760 | 22080 | 18200 | 93,5 | 500 | 12388 | 17 | 1340 | 59 | D | 6x1600 | 7x1600 | 2x1600 |
| | SBE-61-330 | 6470 | 4330 | 3520 | 16,4 | 300 | 4312 | 8 | 194 | 46 | C | 2x1200 | 3x1200 | 1x1200 |
| | SBE-62-330 | 7790 | 5260 | 4340 | 21,9 | 300 | 4113 | 7 | 198 | 46 | C | 2x1200 | 3x1200 | 1x1200 |
| | SBE-64-330 | 9810 | 6700 | 5490 | 32,9 | 300 | 3768 | 7 | 207 | 47 | B | 3x1200 | 4x1200 | 1x1200 |
| | SBE-62-335 | 13820 | 9250 | 7420 | 34,2 | 350 | 7752 | 12 | 453 | 51 | D | 2x1600 | 3x1600 | 1x1600 |
| | SBE-63-335 | 15810 | 10640 | 8430 | 42,7 | 350 | 7350 | 11 | 465 | 51 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-64-335 | 17360 | 11740 | 9550 | 51,3 | 350 | 6990 | 10 | 474 | 51 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-62-340 | 16660 | 11150 | 9110 | 39,9 | 400 | 10122 | 13 | 588 | 60 | D | 2x1600 | 3x1600 | 1x1600 |
| 3x | SBE-63-340 | 19580 | 13240 | 10310 | 49,9 | 400 | 9528 | 12 | 594 | 61 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-64-340 | 21510 | 14510 | 11590 | 59,8 | 400 | 9030 | 12 | 615 | 61 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-62-345 | 22570 | 15150 | 11910 | 49,9 | 450 | 13947 | 15 | 954 | 62 | D | 3x1950 | 4x1600 | 1x1600 |
| | SBE-64-345 | 28510 | 19390 | 15730 | 74,8 | 450 | 12759 | 14 | 1014 | 60 | D | 4x1950 | 5x1950 | 1x1950 |
| | SBE-66-345 | 32790 | 22450 | 18140 | 99,7 | 450 | 11715 | 13 | 1050 | 61 | C | 4x1950 | 5x1950 | 2x1950 |
| | SBE-64-350 | 37400 | 25200 | 20110 | 85,5 | 500 | 18171 | 18 | 2010 | 61 | E | 5x1950 | 6x1950 | 1x1950 |
| | SBE-64-350L | 43640 | 29230 | 23740 | 105,2 | 500 | 20433 | 20 | 1920 | 60 | D | 5x2400 | 6x2400 | 1x2400 |
| | SBE-66-350L | 49920 | 33750 | 26970 | 140,3 | 500 | 18582 | 18 | 2010 | 61 | D | 6x2400 | 7x2400 | 2x2400 |
| | SBE-62-440 | 22920 | 15390 | 12090 | 53,2 | 400 | 13496 | 14 | 784 | 61 | D | 2x2090 | 3x2090 | 1x2090 |
| | SBE-64-440 | 28510 | 19310 | 15680 | 79,8 | 400 | 12040 | 13 | 820 | 62 | C | 3x2090 | 4x2090 | 1x2090 |
| | SBE-64-445 | 36050 | 24690 | 19450 | 92,1 | 450 | 17012 | 15 | 1352 | 61 | D | 4x2400 | 5x2400 | 1x2400 |
| 4x | SBE-66-445 | 41410 | 28070 | 22380 | 122,8 | 450 | 15620 | 14 | 1400 | 62 | D | 4x2400 | 5x2400 | 2x2400 |
| | SBE-64-450 | 46550 | 31570 | 24520 | 105,2 | 500 | 24228 | 19 | 2680 | 62 | E | 5x2400 | 6x2400 | 1x2400 |
| | SBE-64-450L | 58280 | 39020 | 28290 | 140,3 | 500 | 27244 | 21 | 2560 | 61 | D | 5x3200 | 6x3200 | 1x3200 |
| | SBE-66-450L | 66450 | 44900 | 33460 | 187,3 | 500 | 24776 | 19 | 2680 | 62 | D | 6x3200 | 7x3200 | 2x3200 |

**Not:** Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

| MODEL | Ölçüler Dimensions | | | | | | | | | | | Bağlantılar Connections | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Soğutucu Gaz Refrigerant | | Drenaj Drain |
| | Boru Hacmi Tube Volume | Ağırlık Weight | L | H1 | H2 | D | A | B | B1 | B2 | C | Giriş Inlet | Çıkış Outlet | Çıkış Out |
| | l | kg | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm Ø | mm Ø | Inch |
| SBE-61-130 | 1,5 | 16 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 12,7 | 3/4" G |
| SBE-62-130 | 2,0 | 17 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 12,7 | 3/4" G |
| SBE-64-130 | 3,0 | 20 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 15,9 | 3/4" G |
| SBE-62-135 | 3,1 | 24 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 15,9 | 3/4" G |
| SBE-63-135 | 3,9 | 26 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-64-135 | 4,7 | 35 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-62-140 | 3,6 | 29 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-63-140 | 4,4 | 31 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-64-140 | 5,4 | 34 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 22 | 3/4" G |
| SBE-62-145 | 4,5 | 35 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-63-145 | 5,3 | 37 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-64-145 | 6,8 | 40 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-62-150 | 4,9 | 41 | 1070 | 690 | 735 | 578 | 435 | 650 | - | - | 457 | 12,7 | 22 | 1" G |
| SBE-64-150 | 7,8 | 47 | 1070 | 690 | 735 | 578 | 435 | 650 | - | - | 457 | 12,7 | 28 | 1" G |
| SBE-62-150L | 6,0 | 46 | 1220 | 690 | 735 | 578 | 435 | 800 | - | - | 457 | 12,7 | 28 | 1" G |
| SBE-64-150L | 9,6 | 53 | 1220 | 690 | 735 | 578 | 435 | 800 | - | - | 457 | 15,9 | 28 | 1" G |
| SBE-66-150L | 12,0 | 63 | 1220 | 690 | 735 | 638 | 495 | 800 | - | - | 517 | 15,9 | 35 | 1" G |
| SBE-61-230 | 2,8 | 24 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 15,9 | 3/4" G |
| SBE-62-230 | 4,0 | 27 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 19 | 3/4" G |
| SBE-64-230 | 6,0 | 31 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 19 | 3/4" G |
| SBE-62-235 | 6,2 | 48 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 22 | 3/4" G |
| SBE-63-235 | 7,8 | 41 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-64-235 | 9,3 | 44 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-62-240 | 7,0 | 46 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-63-240 | 9,1 | 50 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 15,9 | 28 | 3/4" G |
| SBE-64-240 | 10,4 | 54 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 15,9 | 28 | 3/4" G |
| SBE-62-245 | 9,1 | 56 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 28 | 1" G |
| SBE-63-245 | 11,3 | 60 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 35 | 1" G |
| SBE-64-245 | 13,6 | 66 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 35 | 1" G |
| SBE-66-245 | 18,2 | 79 | 1720 | 610 | 645 | 634 | 495 | 1300 | - | - | 517 | 15,9 | 35 | 1" G |
| SBE-64-250 | 15,6 | 76 | 1720 | 690 | 735 | 578 | 435 | 1300 | - | - | 457 | 22 | 35 | 1" G |
| SBE-64-250L | 19,2 | 88 | 2020 | 690 | 735 | 578 | 435 | 1600 | - | - | 457 | 22 | 42 | 1" G |
| SBE-66-250L | 25,5 | 106 | 2020 | 690 | 735 | 638 | 495 | 1600 | - | - | 517 | 22 | 42 | 1" G |
| SBE-61-330 | 4,2 | 32 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 19 | 3/4" G |
| SBE-62-330 | 5,4 | 35 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 22 | 3/4" G |
| SBE-64-330 | 9,0 | 43 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 28 | 3/4" G |
| SBE-62-335 | 9,3 | 51 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 28 | 3/4" G |
| SBE-63-335 | 11,7 | 56 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 3/4" G |
| SBE-64-335 | 14,0 | 61 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 3/4" G |
| SBE-62-340 | 10,9 | 62 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-63-340 | 13,6 | 68 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-64-340 | 16,3 | 74 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-62-345 | 13,6 | 77 | 2370 | 610 | 645 | 574 | 435 | 1950 | 650 | 1300 | 457 | 15,9 | 35 | 1" G |
| SBE-64-345 | 19,5 | 91 | 2370 | 610 | 645 | 574 | 435 | 1950 | 650 | 1300 | 457 | 22 | 42 | 1" G |
| SBE-66-345 | 26,7 | 115 | 2370 | 610 | 645 | 634 | 495 | 1950 | 650 | 1300 | 517 | 22 | 42 | 1" G |
| SBE-64-350 | 23,3 | 105 | 2820 | 690 | 735 | 578 | 435 | 2400 | 800 | 1600 | 457 | 22 | 42 | 1 1/4" G |
| SBE-64-350L | 28,7 | 124 | 2820 | 690 | 735 | 578 | 435 | 2400 | 800 | 1600 | 457 | 22 | 54 | 1 1/4" G |
| SBE-66-350L | 38,3 | 151 | 2820 | 690 | 735 | 638 | 495 | 2400 | 800 | 1600 | 517 | 28 | 54 | 1 1/4" G |
| SBE-62-440 | 14,5 | 79 | 2420 | 605 | 640 | 554 | 395 | 2080 | 1040 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-64-440 | 20,7 | 93 | 2420 | 605 | 640 | 554 | 395 | 2080 | 1040 | 1040 | 417 | 22 | 42 | 1" G |
| SBE-64-445 | 25,1 | 111 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 22 | 42 | 1" G |
| SBE-66-445 | 33,5 | 138 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 22 | 54 | 1" G |
| SBE-64-450 | 28,7 | 127 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 28 | 54 | 1 1/4" G |
| SBE-64-450L | 37,7 | 176 | 3620 | 610 | 645 | 574 | 435 | 3200 | 1600 | 1600 | 457 | 28 | 54 | 1 1/4" G |
| SBE-66-450L | 50,3 | 213 | 3620 | 610 | 645 | 634 | 495 | 3200 | 1600 | 1600 | 517 | 28 | 54 | 1 1/4" G |

# SBE Serisi Kübik Tip Oda Soğutucu / SBE Series Cubic Unit Cooler

## Kapasite / Capacity

**Lamel Aralığı** / Fin Spacing **8,0 mm**

| | MODEL | Kapasite Capacity | | | Isı Transfer Yüzeyi Heat Transfer Surface | FAN | | | | | Enerji Verimliliği Sınıfı Energy Efficiency Class | Isıtıcılar Electrical Defrost | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | HT | LT | |
| | | SC2 To= 0°C Te= -8°C ΔT=8K | SC3 To= -18°C Te= -25°C ΔT=7K | SC4 To= -25°C Te= -31°C ΔT=6K | | Çap Diameter | Hava Debisi Air Flow | Hava Atım Mesafesi Air Throw | Elektrik Gücü Power Input | Ses Basınç Seviyesi Sound Pressure Level 3m | | Batarya Coil | Batarya Coil | Tava Drip Tray |
| | | Watt | Watt | Watt | $m^2$ | mm | $m^3/h$ | m | Watt | db(A) | | Watt | Watt | Watt |
| | SBE-81-130 | 1240 | 990 | 790 | 4,2 | 300 | 1470 | 7 | 63 | 41 | C | 1x400 | 2x400 | 1x400 |
| | SBE-82-130 | 1550 | 1120 | 910 | 5,6 | 300 | 1410 | 7 | 66 | 41 | C | 2x400 | 3x400 | 1x400 |
| | SBE-84-130 | 1950 | 1580 | 1270 | 8,5 | 300 | 1300 | 6 | 69 | 42 | B | 2x400 | 3x400 | 1x400 |
| | SBE-82-135 | 2660 | 2140 | 1600 | 8,8 | 350 | 2670 | 11 | 151 | 46 | D | 2x520 | 3x520 | 1x520 |
| | SBE-83-135 | 3120 | 2440 | 1960 | 11,0 | 350 | 2540 | 10 | 155 | 46 | C | 2x520 | 3x520 | 1x520 |
| | SBE-84-135 | 3470 | 2800 | 2230 | 13,2 | 350 | 2430 | 10 | 155 | 46 | C | 3x520 | 4x520 | 1x520 |
| | SBE-82-140 | 3310 | 2560 | 2040 | 10,3 | 400 | 3490 | 12 | 193 | 55 | D | 2x520 | 3x520 | 1x520 |
| | SBE-83-140 | 3810 | 3030 | 2430 | 12,8 | 400 | 3310 | 11 | 198 | 56 | C | 3x520 | 4x520 | 1x520 |
| 1x | SBE-84-140 | 4310 | 3350 | 2680 | 15,4 | 400 | 3150 | 11 | 198 | 56 | C | 3x520 | 4x520 | 1x520 |
| | SBE-82-145 | 4310 | 3410 | 2680 | 12,8 | 450 | 4780 | 14 | 315 | 57 | D | 3x650 | 4x650 | 1x650 |
| | SBE-83-145 | 5020 | 3970 | 3180 | 16,1 | 450 | 4580 | 13 | 321 | 56 | D | 3x650 | 4x650 | 1x650 |
| | SBE-84-145 | 5730 | 4520 | 3610 | 19,3 | 450 | 4410 | 13 | 328 | 55 | D | 4x650 | 5x650 | 1x650 |
| | SBE-82-150 | 5540 | 4470 | 3630 | 23,7 | 500 | 7230 | 19 | 620 | 55 | E | 3x650 | 4x650 | 1x650 |
| | SBE-84-150 | 7430 | 5940 | 4760 | 23,7 | 500 | 6370 | 17 | 650 | 56 | E | 4x650 | 5x650 | 1x650 |
| | SBE-82-150L | 6470 | 5140 | 4140 | 22,0 | 500 | 7860 | 21 | 610 | 55 | E | 3x800 | 4x800 | 1x800 |
| | SBE-84-150L | 8570 | 6930 | 5470 | 27,1 | 500 | 7120 | 19 | 632 | 55 | D | 4x800 | 5x800 | 1x800 |
| | SBE-86-150L | 10000 | 8260 | 6550 | 36,1 | 500 | 6510 | 17 | 650 | 56 | D | 5x800 | 6x800 | 2x800 |
| | SBE-81-230 | 2430 | 1980 | 1580 | 8,5 | 300 | 2940 | 7 | 125 | 44 | C | 1x800 | 2x800 | 1x800 |
| | SBE-82-230 | 3130 | 2350 | 1890 | 11,3 | 300 | 2820 | 7 | 132 | 44 | C | 2x800 | 3x800 | 1x800 |
| | SBE-84-230 | 4050 | 3230 | 2530 | 16,9 | 300 | 2600 | 6 | 137 | 45 | B | 3x800 | 4x800 | 1x800 |
| | SBE-82-235 | 5420 | 4330 | 3500 | 17,6 | 350 | 5330 | 11 | 302 | 49 | D | 2x1040 | 3x1040 | 1x1040 |
| | SBE-83-235 | 6230 | 5050 | 4070 | 22,0 | 350 | 5080 | 11 | 310 | 49 | C | 3x1040 | 4x1040 | 1x1040 |
| | SBE-84-235 | 7030 | 5660 | 4540 | 26,4 | 350 | 4850 | 10 | 310 | 49 | C | 3x1040 | 4x1040 | 1x1040 |
| | SBE-82-240 | 6680 | 5160 | 4150 | 20,5 | 400 | 6980 | 13 | 386 | 58 | D | 2x1040 | 3x1040 | 1x1040 |
| | SBE-83-240 | 7770 | 6150 | 4920 | 25,7 | 400 | 6620 | 12 | 396 | 59 | C | 3x1040 | 4x1040 | 1x1040 |
| 2x | SBE-84-240 | 8670 | 7000 | 5630 | 30,8 | 400 | 6290 | 12 | 396 | 59 | C | 3x1040 | 4x1040 | 1x1040 |
| | SBE-82-245 | 8750 | 6970 | 5600 | 25,7 | 450 | 9560 | 15 | 630 | 60 | D | 3x1300 | 4x1300 | 1x1300 |
| | SBE-83-245 | 10270 | 8170 | 6460 | 32,1 | 450 | 9160 | 14 | 642 | 59 | D | 4x1300 | 5x1300 | 1x1300 |
| | SBE-84-245 | 11580 | 9140 | 7290 | 38,5 | 450 | 8810 | 14 | 656 | 58 | D | 4x1300 | 5x1300 | 1x1300 |
| | SBE-86-245 | 13540 | 10980 | 8860 | 51,4 | 450 | 8190 | 13 | 680 | 59 | C | 4x1300 | 5x1300 | 2x1300 |
| | SBE-84-250 | 15000 | 11970 | 9630 | 44,0 | 500 | 12750 | 18 | 1300 | 59 | E | 5x1300 | 6x1300 | 1x1300 |
| | SBE-84-250L | 17490 | 14000 | 11390 | 54,2 | 500 | 14240 | 20 | 1264 | 58 | D | 5x1600 | 6x1600 | 1x1600 |
| | SBE-86-250L | 20270 | 16650 | 13480 | 72,3 | 500 | 13030 | 18 | 1300 | 59 | D | 6x1600 | 7x1600 | 2x1600 |
| | SBE-81-330 | 3740 | 3040 | 2450 | 12,7 | 300 | 4400 | 8 | 188 | 46 | C | 2x1200 | 3x1200 | 1x1200 |
| | SBE-82-330 | 4580 | 3780 | 3030 | 16,9 | 300 | 4230 | 7 | 198 | 46 | C | 2x1200 | 3x1200 | 1x1200 |
| | SBE-84-330 | 6010 | 4920 | 3960 | 25,4 | 300 | 3900 | 7 | 206 | 47 | B | 3x1200 | 4x1200 | 1x1200 |
| | SBE-82-335 | 8140 | 6520 | 5290 | 26,4 | 350 | 8000 | 12 | 453 | 51 | D | 2x1600 | 3x1600 | 1x1600 |
| | SBE-83-335 | 9470 | 7490 | 6070 | 33,0 | 350 | 7610 | 11 | 465 | 51 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-84-335 | 10580 | 8520 | 6850 | 39,6 | 350 | 7280 | 11 | 465 | 51 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-82-340 | 9930 | 8010 | 6510 | 30,8 | 400 | 10470 | 14 | 579 | 60 | D | 2x1600 | 3x1600 | 1x1600 |
| 3x | SBE-83-340 | 11720 | 9150 | 7450 | 38,5 | 400 | 9920 | 13 | 594 | 61 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-84-340 | 13090 | 10420 | 8430 | 46,2 | 400 | 9440 | 12 | 594 | 61 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-82-345 | 13210 | 10380 | 8460 | 38,5 | 450 | 14340 | 16 | 945 | 62 | D | 3x1950 | 4x1600 | 1x1600 |
| | SBE-84-345 | 17250 | 14010 | 11300 | 57,8 | 450 | 13220 | 14 | 963 | 60 | D | 4x1950 | 5x1950 | 1x1950 |
| | SBE-86-345 | 20400 | 16330 | 13260 | 77,1 | 450 | 12290 | 13 | 1020 | 61 | C | 4x1950 | 5x1950 | 2x1950 |
| | SBE-84-350 | 22580 | 17990 | 14680 | 66,0 | 500 | 19120 | 19 | 1950 | 61 | E | 5x1950 | 6x1950 | 1x1950 |
| | SBE-84-350L | 26340 | 20880 | 16890 | 81,3 | 500 | 21360 | 21 | 1896 | 60 | D | 5x2400 | 6x2400 | 1x2400 |
| | SBE-86-350L | 30980 | 24690 | 20090 | 108,4 | 500 | 19540 | 19 | 1950 | 61 | D | 6x2400 | 7x2400 | 2x2400 |
| | SBE-82-440 | 13480 | 10600 | 8620 | 41,1 | 400 | 13950 | 15 | 772 | 61 | D | 2x2090 | 3x2090 | 1x2090 |
| | SBE-84-440 | 17320 | 14080 | 11370 | 61,6 | 400 | 12580 | 13 | 792 | 62 | C | 3x2090 | 4x2090 | 1x2090 |
| | SBE-84-445 | 21730 | 17480 | 14170 | 71,1 | 450 | 17070 | 15 | 1312 | 61 | D | 4x2400 | 5x2400 | 1x2400 |
| 4x | SBE-86-445 | 25800 | 19720 | 15680 | 94,8 | 450 | 15690 | 14 | 1360 | 62 | D | 4x2400 | 5x2400 | 2x2400 |
| | SBE-84-450 | 28100 | 22190 | 17770 | 81,3 | 500 | 24340 | 19 | 2600 | 62 | E | 5x2400 | 6x2400 | 1x2400 |
| | SBE-84-450L | 35170 | 26020 | 20320 | 108,4 | 500 | 28480 | 22 | 2528 | 61 | D | 5x3200 | 6x3200 | 1x3200 |
| | SBE-86-450L | 41210 | 31150 | 24560 | 144,5 | 500 | 26060 | 20 | 2600 | 62 | D | 6x3200 | 7x3200 | 2x3200 |

**Not:** Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

# Ölçüler / Measures

| MODEL | Ölçüler Dimensions | | | | | | | | | | | Bağlantılar Connections | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Soğutucu Gaz Refrigerant | | Drenaj Drain |
| | Boru Hacmi Tube Volume | Ağırlık Weight | L | H1 | H2 | D | A | B | B1 | B2 | C | Giriş Inlet | Çıkış Outlet | Çıkış Out |
| | l | kg | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm Ø | mm Ø | Inch |
| SBE-81-130 | 1,5 | 16 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 12,7 | 3/4" G |
| SBE-82-130 | 2,0 | 17 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 12,7 | 3/4" G |
| SBE-84-130 | 3,0 | 20 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 15,9 | 3/4" G |
| SBE-82-135 | 3,1 | 23 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 15,9 | 3/4" G |
| SBE-83-135 | 3,9 | 25 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-84-135 | 4,7 | 27 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-82-140 | 3,6 | 29 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-83-140 | 4,4 | 31 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-84-140 | 5,4 | 34 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 22 | 3/4" G |
| SBE-82-145 | 4,5 | 34 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-83-145 | 5,3 | 36 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-84-145 | 6,8 | 39 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-82-150 | 4,9 | 40 | 1070 | 690 | 735 | 578 | 435 | 650 | - | - | 457 | 12,7 | 22 | 1" G |
| SBE-84-150 | 7,8 | 45 | 1070 | 690 | 735 | 578 | 435 | 650 | - | - | 457 | 12,7 | 28 | 1" G |
| SBE-82-150L | 6,0 | 45 | 1220 | 690 | 735 | 578 | 435 | 800 | - | - | 457 | 12,7 | 28 | 1" G |
| SBE-84-150L | 9,6 | 51 | 1220 | 690 | 735 | 578 | 435 | 800 | - | - | 457 | 15,9 | 28 | 1" G |
| SBE-86-150L | 12,0 | 61 | 1220 | 690 | 735 | 638 | 495 | 800 | - | - | 517 | 15,9 | 35 | 1" G |
| SBE-81-230 | 2,8 | 24 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 15,9 | 3/4" G |
| SBE-82-230 | 4,0 | 26 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 19 | 3/4" G |
| SBE-84-230 | 6,0 | 30 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 19 | 3/4" G |
| SBE-82-235 | 6,2 | 36 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 22 | 3/4" G |
| SBE-83-235 | 7,8 | 40 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-84-235 | 9,3 | 43 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-82-240 | 7,0 | 44 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-83-240 | 9,1 | 48 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 15,9 | 28 | 3/4" G |
| SBE-84-240 | 10,4 | 52 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 15,9 | 28 | 3/4" G |
| SBE-82-245 | 9,1 | 54 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 28 | 1" G |
| SBE-83-245 | 11,3 | 59 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 35 | 1" G |
| SBE-84-245 | 13,6 | 64 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 35 | 1" G |
| SBE-86-245 | 18,2 | 76 | 1720 | 610 | 645 | 634 | 495 | 1300 | - | - | 517 | 22 | 35 | 1" G |
| SBE-84-250 | 15,6 | 74 | 1720 | 690 | 735 | 578 | 435 | 1300 | - | - | 457 | 22 | 35 | 1" G |
| SBE-84-250L | 19,2 | 85 | 2020 | 690 | 735 | 578 | 435 | 1600 | - | - | 457 | 22 | 42 | 1" G |
| SBE-86-250L | 25,5 | 102 | 2020 | 690 | 735 | 638 | 495 | 1600 | - | - | 517 | 22 | 42 | 1" G |
| SBE-81-330 | 4,2 | 32 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 19 | 3/4" G |
| SBE-82-330 | 5,4 | 34 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 22 | 3/4" G |
| SBE-84-330 | 9,0 | 41 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 28 | 3/4" G |
| SBE-82-335 | 9,3 | 50 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 28 | 3/4" G |
| SBE-83-335 | 11,7 | 54 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 3/4" G |
| SBE-84-335 | 14,0 | 59 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 3/4" G |
| SBE-82-340 | 10,9 | 60 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-83-340 | 13,6 | 66 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-84-340 | 16,3 | 71 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 22 | 35 | 1" G |
| SBE-82-345 | 13,6 | 75 | 2370 | 610 | 645 | 574 | 435 | 1950 | 650 | 1300 | 457 | 22 | 35 | 1" G |
| SBE-84-345 | 19,5 | 88 | 2370 | 610 | 645 | 574 | 435 | 1950 | 650 | 1300 | 457 | 22 | 42 | 1" G |
| SBE-86-345 | 26,7 | 110 | 2370 | 610 | 645 | 634 | 495 | 1950 | 650 | 1300 | 517 | 22 | 42 | 1" G |
| SBE-84-350 | 23,3 | 102 | 2820 | 690 | 735 | 578 | 435 | 2400 | 800 | 1600 | 457 | 22 | 42 | 1 1/4" G |
| SBE-84-350L | 28,7 | 120 | 2820 | 690 | 735 | 578 | 435 | 2400 | 800 | 1600 | 457 | 28 | 54 | 1 1/4" G |
| SBE-86-350L | 38,3 | 158 | 2820 | 690 | 735 | 638 | 495 | 2400 | 800 | 1600 | 517 | 28 | 54 | 1 1/4" G |
| SBE-82-440 | 14,5 | 76 | 2420 | 605 | 640 | 554 | 395 | 2080 | 1040 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-84-440 | 20,7 | 90 | 2420 | 605 | 640 | 554 | 395 | 2080 | 1040 | 1040 | 417 | 22 | 42 | 1" G |
| SBE-84-445 | 23,9 | 107 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 22 | 42 | 1" G |
| SBE-86-445 | 33,5 | 132 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 22 | 54 | 1" G |
| SBE-84-450 | 28,7 | 123 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 28 | 54 | 1 1/4" G |
| SBE-84-450L | 37,7 | 170 | 3620 | 610 | 645 | 574 | 435 | 3200 | 1600 | 1600 | 457 | 28 | 54 | 1 1/4" G |
| SBE-86-450L | 50,3 | 205 | 3620 | 610 | 645 | 634 | 495 | 3200 | 1600 | 1600 | 517 | 28 | 54 | 1 1/4" G |

# **SBE Serisi Kübik Tip Oda Soğutucu** / SBE Series Cubic Unit Cooler

## **Kapasite** / Capacity

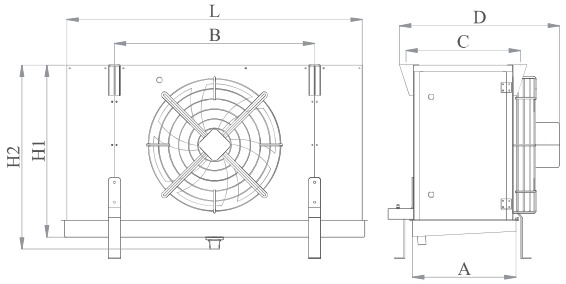
**Lamel Aralığı** / Fin Spacing **10,0 mm**

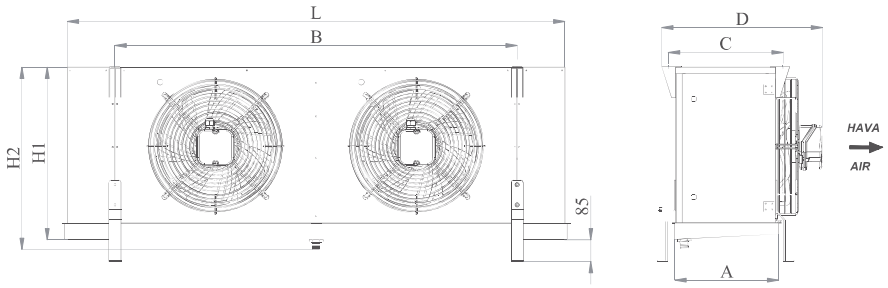
| | MODEL | Kapasite Capacity | | | Isı Transfer Yüzeyi Heat Transfer Surface | FAN | | | | | Enerji Verimliliği Sınıfı Energy Efficiency Class | Isıtıcılar Electrical Defrost | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | HT | LT | |
| | | SC2<br>To= 0°C<br>Te= -8°C<br>ΔT=8K | SC3<br>To= -18°C<br>Te= -25°C<br>ΔT=7K | SC4<br>To= -25°C<br>Te= -31°C<br>ΔT=6K | | Çap Diameter | Hava Debisi Air Flow | Hava Atım Mesafesi Air Throw | Elektrik Gücü Power Input | Ses Basınç Seviyesi Sound Pressure Level<br>3m | | Batarya Coil | Batarya Coil | Tava Drip Tray |
| | | Watt | Watt | Watt | $m^2$ | mm | $m^3/h$ | m | Watt | db(A) | | Watt | Watt | Watt |
| | SBE-101-130 | 1110 | 890 | 700 | 3,5 | 300 | 1490 | 7 | C | 41 | C | 1x400 | 2x400 | 1x400 |
| | SBE-102-130 | 1410 | 1000 | 810 | 4,6 | 300 | 1430 | 7 | C | 41 | C | 2x400 | 3x400 | 1x400 |
| | SBE-104-130 | 1760 | 1440 | 1160 | 7,0 | 300 | 1330 | 6 | B | 42 | B | 2x400 | 3x400 | 1x400 |
| | SBE-102-135 | 2410 | 1950 | 1550 | 7,2 | 350 | 2710 | 11 | D | 46 | D | 2x520 | 3x520 | 1x520 |
| | SBE-103-135 | 2870 | 2200 | 1770 | 9,1 | 350 | 2600 | 10 | C | 46 | C | 2x520 | 3x520 | 1x520 |
| | SBE-104-135 | 3230 | 2560 | 2040 | 10,9 | 350 | 2490 | 10 | C | 46 | C | 3x520 | 4x520 | 1x520 |
| | SBE-102-140 | 3030 | 2280 | 1820 | 8,5 | 400 | 3570 | 12 | D | 55 | D | 2x520 | 3x520 | 1x520 |
| | SBE-103-140 | 3520 | 2810 | 2200 | 10,6 | 400 | 3400 | 12 | C | 56 | C | 3x520 | 4x520 | 1x520 |
| 1x | SBE-104-140 | 3990 | 3050 | 2450 | 12,7 | 400 | 3240 | 11 | C | 56 | C | 3x520 | 4x520 | 1x520 |
| | SBE-102-145 | 3960 | 3130 | 2390 | 10,6 | 450 | 4860 | 14 | D | 57 | D | 3x650 | 4x650 | 1x650 |
| | SBE-103-145 | 4600 | 3600 | 2860 | 13,2 | 450 | 4680 | 14 | D | 56 | D | 3x650 | 4x650 | 1x650 |
| | SBE-104-145 | 5320 | 4180 | 3270 | 15,9 | 450 | 4510 | 13 | D | 55 | D | 4x650 | 5x650 | 1x650 |
| | SBE-102-150 | 5080 | 4130 | 3310 | 13,0 | 500 | 7420 | 19 | E | 55 | E | 3x650 | 4x650 | 1x650 |
| | SBE-104-150 | 6930 | 5410 | 4340 | 19,5 | 500 | 6600 | 17 | E | 56 | E | 4x650 | 5x650 | 1x650 |
| | SBE-102-150L | 5940 | 4670 | 3700 | 14,9 | 500 | 8030 | 21 | E | 55 | E | 3x800 | 4x800 | 1x800 |
| | SBE-104-150L | 8060 | 6470 | 4970 | 22,3 | 500 | 7320 | 19 | D | 55 | D | 4x800 | 5x800 | 1x800 |
| | SBE-106-150L | 9430 | 7740 | 6200 | 29,7 | 500 | 6740 | 18 | D | 56 | D | 5x800 | 6x800 | 2x800 |
| | SBE-101-230 | 2160 | 1760 | 1400 | 7,0 | 300 | 2970 | 7 | C | 44 | C | 1x800 | 2x800 | 1x800 |
| | SBE-102-230 | 2850 | 2090 | 1680 | 9,3 | 300 | 2870 | 7 | C | 44 | C | 2x800 | 3x800 | 1x800 |
| | SBE-104-230 | 3700 | 3000 | 2300 | 13,9 | 300 | 2660 | 7 | B | 45 | B | 3x800 | 4x800 | 1x800 |
| | SBE-102-235 | 4950 | 3950 | 3160 | 14,5 | 350 | 5430 | 11 | D | 49 | D | 2x1040 | 3x1040 | 1x1040 |
| | SBE-103-235 | 5770 | 4620 | 3690 | 18,1 | 350 | 5200 | 11 | C | 49 | C | 3x1040 | 4x1040 | 1x1040 |
| | SBE-104-235 | 6530 | 5170 | 4150 | 21,7 | 350 | 4990 | 10 | C | 49 | C | 3x1040 | 4x1040 | 1x1040 |
| | SBE-102-240 | 6100 | 4680 | 3710 | 16,9 | 400 | 7130 | 13 | D | 58 | D | 2x1040 | 3x1040 | 1x1040 |
| | SBE-103-240 | 6930 | 5540 | 4450 | 21,1 | 400 | 6800 | 13 | C | 59 | C | 3x1040 | 4x1040 | 1x1040 |
| 2x | SBE-104-240 | 8030 | 6450 | 5150 | 25,4 | 400 | 6480 | 12 | C | 59 | C | 3x1040 | 4x1040 | 1x1040 |
| | SBE-102-245 | 8020 | 6280 | 5000 | 21,1 | 450 | 9720 | 15 | D | 60 | D | 3x1300 | 4x1300 | 1x1300 |
| | SBE-103-245 | 9480 | 7560 | 6110 | 26,4 | 450 | 9360 | 14 | D | 59 | D | 4x1300 | 5x1300 | 1x1300 |
| | SBE-104-245 | 10740 | 8490 | 6850 | 31,7 | 450 | 9010 | 14 | D | 58 | D | 4x1300 | 5x1300 | 1x1300 |
| | SBE-106-245 | 12750 | 10230 | 8220 | 42,3 | 450 | 8440 | 13 | C | 59 | C | 4x1300 | 5x1300 | 2x1300 |
| | SBE-104-250 | 13970 | 11020 | 8790 | 36,2 | 500 | 13200 | 18 | E | 59 | E | 5x1300 | 6x1300 | 1x1300 |
| | SBE-104-250L | 16290 | 13050 | 10570 | 44,6 | 500 | 14640 | 20 | D | 58 | D | 5x1600 | 6x1600 | 1x1600 |
| | SBE-106-250L | 19090 | 15600 | 12540 | 59,5 | 500 | 13480 | 19 | D | 59 | D | 6x1600 | 7x1600 | 2x1600 |
| | SBE-101-330 | 3380 | 2720 | 2170 | 10,5 | 300 | 4460 | 8 | C | 46 | C | 2x1200 | 3x1200 | 1x1200 |
| | SBE-102-330 | 4150 | 3380 | 2710 | 13,9 | 300 | 4300 | 8 | C | 46 | C | 2x1200 | 3x1200 | 1x1200 |
| | SBE-104-330 | 5590 | 4520 | 3620 | 20,9 | 300 | 3990 | 7 | B | 47 | B | 3x1200 | 4x1200 | 1x1200 |
| | SBE-102-335 | 7450 | 5940 | 4770 | 21,7 | 350 | 8140 | 12 | D | 51 | D | 2x1600 | 3x1600 | 1x1600 |
| | SBE-103-335 | 8740 | 6870 | 5510 | 27,2 | 350 | 7800 | 12 | C | 51 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-104-335 | 9820 | 7780 | 6250 | 32,6 | 350 | 7480 | 11 | C | 51 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-102-340 | 9040 | 7360 | 5930 | 25,4 | 400 | 10700 | 14 | D | 60 | D | 2x1600 | 3x1600 | 1x1600 |
| 3x | SBE-103-340 | 10710 | 8460 | 6830 | 31,7 | 400 | 10190 | 13 | C | 61 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-104-340 | 12080 | 9640 | 7730 | 38,1 | 400 | 9730 | 13 | C | 61 | C | 3x1600 | 4x1600 | 1x1600 |
| | SBE-102-345 | 12050 | 9500 | 7680 | 31,7 | 450 | 14580 | 16 | D | 62 | D | 3x1950 | 4x1600 | 1x1600 |
| | SBE-104-345 | 15930 | 12830 | 10270 | 47,6 | 450 | 13520 | 15 | D | 60 | D | 4x1950 | 5x1950 | 1x1950 |
| | SBE-106-345 | 19170 | 15430 | 12480 | 63,4 | 450 | 12660 | 14 | C | 61 | C | 4x1950 | 5x1950 | 2x1950 |
| | SBE-104-350 | 21010 | 16770 | 13560 | 54,4 | 500 | 19800 | 19 | D | 61 | D | 5x1950 | 6x1950 | 1x1950 |
| | SBE-104-350L | 24520 | 19440 | 15750 | 66,9 | 500 | 21960 | 22 | D | 60 | D | 5x2400 | 6x2400 | 1x2400 |
| | SBE-106-350L | 29170 | 23320 | 18900 | 89,2 | 500 | 20220 | 20 | D | 61 | D | 6x2400 | 7x2400 | 2x2400 |
| | SBE-102-440 | 12340 | 9730 | 7880 | 33,8 | 400 | 14270 | 15 | D | 61 | D | 2x2090 | 3x2090 | 1x2090 |
| | SBE-104-440 | 16010 | 12980 | 10390 | 50,7 | 400 | 12970 | 14 | C | 62 | C | 3x2090 | 4x2090 | 1x2090 |
| | SBE-104-445 | 20190 | 16240 | 13180 | 58,6 | 450 | 17500 | 15 | D | 61 | D | 4x2400 | 5x2400 | 1x2400 |
| 4x | SBE-106-445 | 24290 | 18710 | 15010 | 78,1 | 450 | 16230 | 14 | C | 62 | C | 4x2400 | 5x2400 | 2x2400 |
| | SBE-104-450 | 26320 | 20780 | 16790 | 66,9 | 500 | 25240 | 20 | E | 62 | E | 5x2400 | 6x2400 | 1x2400 |
| | SBE-104-450L | 32750 | 24530 | 21290 | 89,2 | 500 | 29280 | 23 | D | 61 | D | 5x3200 | 6x3200 | 1x3200 |
| | SBE-106-450L | 38810 | 29590 | 23420 | 119,0 | 500 | 26960 | 21 | D | 62 | D | 6x3200 | 7x3200 | 2x3200 |

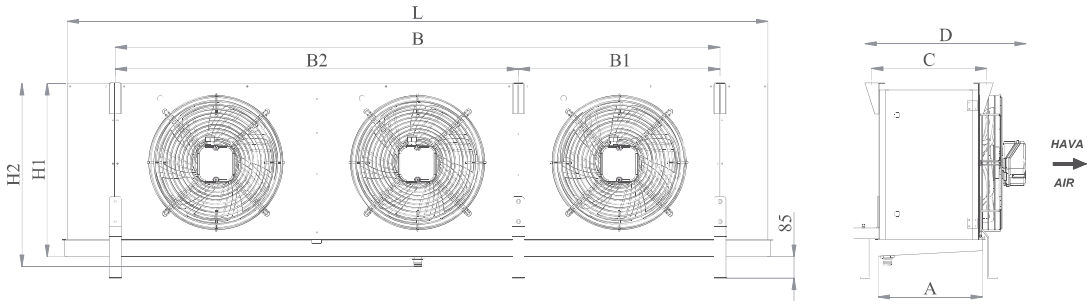
**Not:** Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

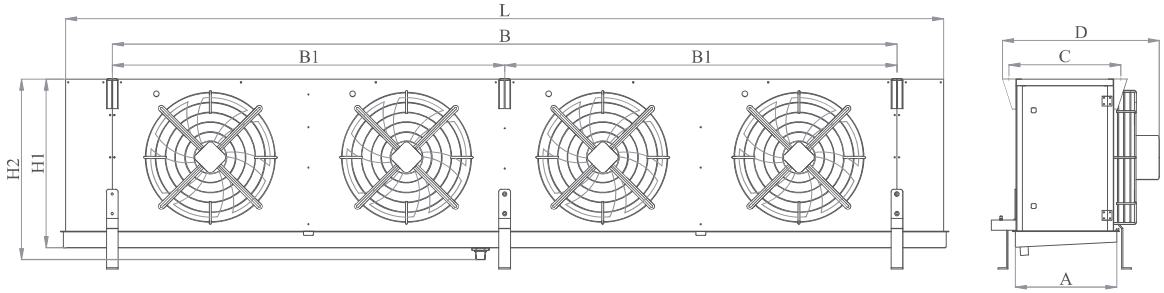
| MODEL | Ölçüler Dimensions | | | | | | | | | | | Bağlantılar Connections | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Soğutucu Gaz Refrigerant | | Drenaj Drain |
| | Boru Hacmi Tube Volume | Ağırlık Weight | L | H1 | H2 | D | A | B | B1 | B2 | C | Giriş Inlet | Çıkış Outlet | Çıkış Out |
| | l | kg | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm Ø | mm Ø | Inch |
| SBE-101-130 | 1,5 | 16 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 12,7 | 3/4" G |
| SBE-102-130 | 2,0 | 17 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 12,7 | 3/4" G |
| SBE-104-130 | 3,0 | 20 | 740 | 450 | 490 | 488 | 351 | 400 | - | - | 377 | 12,7 | 15,9 | 3/4" G |
| SBE-102-135 | 3,1 | 23 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 15,9 | 3/4" G |
| SBE-103-135 | 3,9 | 25 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-104-135 | 4,7 | 27 | 860 | 530 | 570 | 534 | 391 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-102-140 | 3,6 | 29 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-103-140 | 4,4 | 31 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 19 | 3/4" G |
| SBE-104-140 | 5,4 | 34 | 860 | 605 | 640 | 554 | 395 | 520 | - | - | 417 | 12,7 | 22 | 3/4" G |
| SBE-102-145 | 4,5 | 34 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-103-145 | 5,3 | 36 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-104-145 | 6,8 | 39 | 1070 | 610 | 645 | 574 | 435 | 650 | - | - | 457 | 12,7 | 22 | 3/4" G |
| SBE-102-150 | 4,9 | 40 | 1070 | 690 | 735 | 578 | 435 | 650 | - | - | 457 | 12,7 | 22 | 1" G |
| SBE-104-150 | 7,8 | 45 | 1070 | 690 | 735 | 578 | 435 | 650 | - | - | 457 | 12,7 | 28 | 1" G |
| SBE-102-150L | 6,0 | 45 | 1220 | 690 | 735 | 578 | 435 | 800 | - | - | 457 | 12,7 | 28 | 1" G |
| SBE-104-150L | 9,6 | 51 | 1220 | 690 | 735 | 578 | 435 | 800 | - | - | 457 | 15,9 | 28 | 1" G |
| SBE-106-150L | 12,0 | 61 | 1220 | 690 | 735 | 638 | 495 | 800 | - | - | 517 | 15,9 | 35 | 1" G |
| SBE-101-230 | 2,8 | 24 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 15,9 | 3/4" G |
| SBE-102-230 | 4,0 | 26 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 19 | 3/4" G |
| SBE-104-230 | 6,0 | 30 | 1140 | 450 | 490 | 488 | 351 | 800 | - | - | 377 | 12,7 | 19 | 3/4" G |
| SBE-102-235 | 6,2 | 36 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 22 | 3/4" G |
| SBE-103-235 | 7,8 | 40 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-104-235 | 9,3 | 43 | 1380 | 530 | 570 | 534 | 391 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-102-240 | 7,0 | 44 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-103-240 | 9,1 | 48 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 12,7 | 28 | 3/4" G |
| SBE-104-240 | 10,4 | 52 | 1380 | 605 | 640 | 554 | 395 | 1040 | - | - | 417 | 15,9 | 28 | 3/4" G |
| SBE-102-245 | 9,1 | 54 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 28 | 1" G |
| SBE-103-245 | 11,3 | 59 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 35 | 1" G |
| SBE-104-245 | 13,6 | 64 | 1720 | 610 | 645 | 574 | 435 | 1300 | - | - | 457 | 15,9 | 35 | 1" G |
| SBE-106-245 | 18,2 | 76 | 1720 | 610 | 645 | 634 | 495 | 1300 | - | - | 517 | 15,9 | 35 | 1" G |
| SBE-104-250 | 15,6 | 74 | 1720 | 690 | 735 | 578 | 435 | 1300 | - | - | 457 | 22 | 35 | 1" G |
| SBE-104-250L | 19,2 | 85 | 2020 | 690 | 735 | 578 | 435 | 1600 | - | - | 457 | 22 | 42 | 1" G |
| SBE-106-250L | 25,5 | 102 | 2020 | 690 | 735 | 638 | 495 | 1600 | - | - | 517 | 22 | 42 | 1" G |
| SBE-101-330 | 4,2 | 32 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 19 | 3/4" G |
| SBE-102-330 | 5,4 | 34 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 22 | 3/4" G |
| SBE-104-330 | 9,0 | 41 | 1540 | 450 | 490 | 488 | 351 | 1200 | 400 | 800 | 377 | 12,7 | 28 | 3/4" G |
| SBE-102-335 | 9,3 | 50 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 28 | 3/4" G |
| SBE-103-335 | 11,7 | 54 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 3/4" G |
| SBE-104-335 | 14,0 | 59 | 1900 | 530 | 570 | 534 | 391 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 3/4" G |
| SBE-102-340 | 10,9 | 60 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-103-340 | 13,6 | 66 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-104-340 | 16,3 | 71 | 1900 | 605 | 640 | 554 | 395 | 1560 | 520 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-102-345 | 13,6 | 75 | 2370 | 610 | 645 | 574 | 435 | 1950 | 650 | 1300 | 457 | 15,9 | 35 | 1" G |
| SBE-104-345 | 19,5 | 88 | 2370 | 610 | 645 | 574 | 435 | 1950 | 650 | 1300 | 457 | 22 | 42 | 1" G |
| SBE-106-345 | 26,7 | 110 | 2370 | 610 | 645 | 634 | 495 | 1950 | 650 | 1300 | 517 | 22 | 42 | 1" G |
| SBE-104-350 | 23,3 | 102 | 2820 | 690 | 735 | 578 | 435 | 2400 | 800 | 1600 | 457 | 22 | 42 | 1 1/4" G |
| SBE-104-350L | 28,7 | 120 | 2820 | 690 | 735 | 578 | 435 | 2400 | 800 | 1600 | 457 | 22 | 54 | 1 1/4" G |
| SBE-106-350L | 38,3 | 158 | 2820 | 690 | 735 | 638 | 495 | 2400 | 800 | 1600 | 517 | 28 | 54 | 1 1/4" G |
| SBE-102-440 | 14,5 | 76 | 2420 | 605 | 640 | 554 | 395 | 2080 | 1040 | 1040 | 417 | 15,9 | 35 | 1" G |
| SBE-104-440 | 20,7 | 90 | 2420 | 605 | 640 | 554 | 395 | 2080 | 1040 | 1040 | 417 | 22 | 42 | 1" G |
| SBE-104-445 | 23,9 | 107 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 22 | 42 | 1" G |
| SBE-106-445 | 33,5 | 132 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 22 | 54 | 1" G |
| SBE-104-450 | 28,7 | 123 | 2820 | 610 | 645 | 574 | 435 | 2400 | 1200 | 1200 | 457 | 28 | 54 | 1 1/4" G |
| SBE-104-450L | 37,7 | 170 | 3620 | 610 | 645 | 574 | 435 | 3200 | 1600 | 1600 | 457 | 28 | 54 | 1 1/4" G |
| SBE-106-450L | 50,3 | 205 | 3620 | 610 | 645 | 634 | 495 | 3200 | 1600 | 1600 | 517 | 28 | 54 | 1 1/4" G |

## **Teknik Çizim** / Technical Drawing



## **Genel Özellikler** / Specifications

**Batarya**
• Bakır borular Ø1/2",
• Fin malzemesi alüminyumdur,
• Lamel arası 4 - 6 - 8 - 10 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

**Kasetleme**
• Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır

**Fan**
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, Monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
• Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

**Ses Özellikleri**
• Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

**Defrost**
• Kullanılan sıcaklığa bağlı olarak (+2°C/-5°C) HT veya (-2°C/-25°C) LT tip elektrikli defrost seçeneği bulunmaktadır,
• Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),
• Sulu defrost

**Kapasite**
• Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak SC1 - SC2 - SC3 - SC4 şartlarında R404A gazı için hesaplanmıştır,
• Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr ve evaporasyon sıcaklığının Te farkına bağlı olarak değişir (ΔT = Tr - Te).

**Seçenekler**
• Farklı dış kabin rengi,
• Farklı boru et kalınlığı ve hatve,
• Trifaze 400V 3~ 50Hz fan
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçin.

**Notlar**
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

**Aksesuarlar**
• Bataryada ve tavada sıcak gaz defrost,
• Yalıtım tavası,
• Paslanmaz çelik kabin,
• Epoxy boya,
• Fan kablo rezistansı,
• Drenaj hattı kablo rezistans

**Evaporator Coil**
• Copper tubes Ø1/2",
• Fins made of aluminium,
• Fin spacing is 4 - 6 -8 - 10 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=24 Bar.

**Casing**
• Galvanized steel sheet painted to RAL-7035 (light grey)

**Fans**
• Low-noise axial fans with maintenance free motors,

• Protection class IP44/54, Single phase 230V 1~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,
• At low ambient temperatures and different air resistance the power consumption will increase.

**Sound Specifications**
• The sound pressure levels are calculated according to EN 13487.

**Defrosting**
• Electrical defrost as HT for (+2°C/-5°C) or LT for (-2°C/-25°C) as optional,
• Hot gas defrost without tubing inside of coil and drip try, without non-return valve,
•Water defrost

**Capacity**
• The nominal capacities calculated according to Eurovent (EN 328) standards that refer to SC1 - SC2 - SC3 - SC4 conditions and are valid for R404A,
•The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature Tr, evaporating temperature Te and (ΔT = Tr - Te).

**Options**
• Different casing color,
• Other tube wall thicknesses and fin spacing on request,
• Three phase 400V 3~ 50Hz fan
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

**Notes**
• Please check our user manuel for installation, maintenance, carrying and lifting details.

**Accessories**
• Hot gas defrost in coil and drip tray,
• Insulated drip tray,
• Casing made of stainless steel,
• Epoxy resin coated aluminium fins,
• Fan cable heaters,
• Drain line cable heater