# INDUSTRIAL EVAPORATOR

FRIGOESPACIOS®

# Company Brief Introduction

Dalian Bingshan Engineering & Trading Co., Ltd. (Hereafter refrerred to as BSET) is a professional engineering & trading company founded in 1988 and wholly-owned by Dalian Refrigeration Co., Ltd. Concentrating on consulting, design, sales, installation, commissioning and maintenance of the refrigeration equipment, oriented toward machining the requirement of clients, supported from Dalian Bingshan Group Co., Ltd. the largest industrial refrigeration products manufacturing base of China, combining refrigeration technology, engineering and trading, BSET provides quality products to different application fields including fruit and vegetable, meat and poultry, seafood, beverage etc processing and freezing & refrigerating field etc. BSET has undertaken hundreds of turnkey projects in Asia, Africa, America etc. more than 60 countries and regions, as well as offer customized energy optimization and sustainable cold chain solutions.

Our competent professionals focus on providing clients one-stop solution, as well as the concerns on service of environmental protection and clients' benefits.

## Create More Comfortable And Clean Living and Working Environment For The Human Beings

FRIGOESPACIOS®

## Application Scope

We take the customer's interests as the guidance, for users to develop more suitable for the use of environmentally friendly products. Tip can provide structure and economy of two series of products, application conditions according to different areas to provide the most economical solution.

Products are mainly used field are supermarkets, meat processing plant, slaughterhouses, retail grocery store and cold storage, etc. Commercial iceberg ceiling cooling fan can control the storage temperature is very stable, made the high temperature, humidity and environmental requirements of food such as fruit, meat, cheese, etc., to get the best preservation or fish. Provides users with high efficiency and energy saving of the cooling system.

## Manufacture Standard

Our "technology research and development center", after a long continuously grope and experience summary, is the product of the mature of technology, each module is strictly based on thermodynamic principles, and selection of optimal selection, equipment installation, use and maintenance plan, let users the best economic benefit of investment and operation output and benefits.

Durable, does not pollute the environment meet the requirements of food hygiene materials were sprayed protection processing, ensure the quality of the products. Through the careful design, high quality raw materials selection, strict internal quality control, powerful guarantee the life of the equipment for a long time, as well as the long-term security of goods and people.

# DUC SERIES

P04-27

# INDUS
# AIR CO

# DBU SERIES
P28-33



# STRIAL
# OOLER

# K SERIES
P34-39

# DUC SERIES


## Application Condition

# DUC-TYPE INDUTRIAL AIR COOLERS

**DUC-type** is in industrial evaporator to use with ammonia($NH_3$), most Freons or Brines. For conditions other than listed in this catalogue and refrigerants please contact our office;

**DUC units** are long lasting, heavy duty, designed for storage and processing of meat, seafood, fruit, vegetables, dairy and other high-value perishable product;

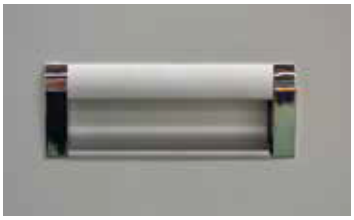
**Fan guards** are fitted to all fans ensuring maximum protection and compliance with international standards;

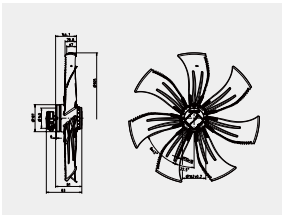
**Defrost** can be through coil and tray as well as on the fans. Coil and tray defrost can be by air(A), water(W), hot gas(H) and/or electric headers(E). please specify type of coil defrost as well as the type of drain tray defrost required. Fan heaters(F) are also available for low temperature applications to keep fan cowing free of ice.

**Coils** are made of galvanized steel tubes and fins(G) or stainless tube(S) and aluminum(epoxy) fins and pressure tested to 3000kpa. Units are shipped with nitrogen charge of 1000kpa pressure;

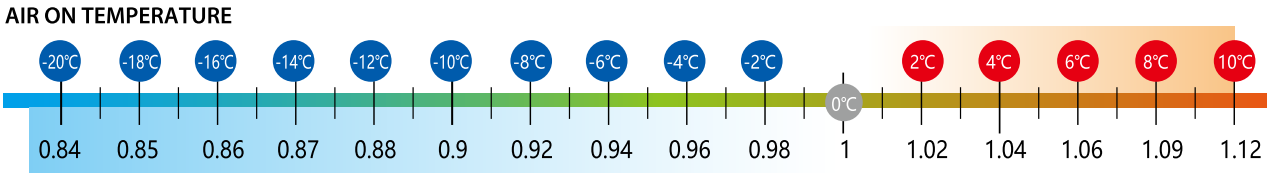
**Fans**(400V±10%, 3Ph, 50Hz) IP54 protection, with 2 speed operation. Induced draught standard unit are equipped with reliable Ziehl fans for greater control of ambient and lower noise and lower power consumption;

**Fin spacing** of 6.0(M), 8.0(L), 10.0(F), 12.0mm(B) are available as standard, yet 15.0mm spacing and multiple spacing are available on request;





# CAPACITY CORRECTION FACTORS FOR $NH_3$




**Suitable Temperature** of refrigerant ranges from +15 to -50℃.


**Shipping**- all units are shipped with nitrogen charge of 1000kPa pressure. Pressure should be checked on receipt of unit and any significant variation should be immediately report to our office. Gauge point with stop valve is provided with every unit on one of the refrigeration connections


# DUC-G 3 10 L-L HF 16

**INDUSTRIAL TYPE AIR COOLER FOR USE WITH AMMO-NIA, FREONS AND BRINES**

**NUMBER OF FANS**

**FIN SPACING**
M-6.0mm
L-8.0mm
F-10.0mm
B-12.0mm

**DEFROST TYPE**
A-AIR
W-WATER
H-HOT GAS
E-ELECTRIC
F-FAN HEATERS

**COIL MATERIALS**
G-GALVANISED
S-STAINLESS/ALUMINUM

**SIZE OF FANS**
06-Ø450mm
08-Ø500mm
10-Ø710mm
14-Ø910mm

**COIL DEPTH**
S-4 ROWS
M-6 ROWS
L-8 ROWS

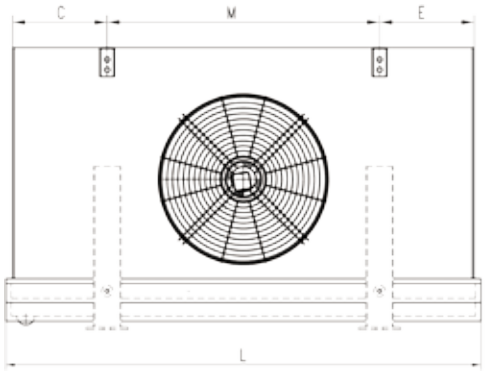
**COIL CIRCUIT-ING**

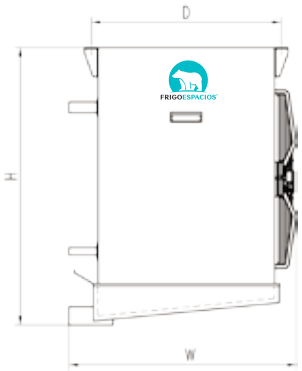
# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | DUC-G106M-SW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1330 | 19 | 4 | 7 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 165 | 24 | 7 |
| | DUC-G106M-MW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1300 | 18 | 5 | 9 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 200 | 36 | 10 |
| | DUC-G106M-LW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1260 | 17 | 6 | 11 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 230 | 48 | 13 |
| | DUC-G108M-SW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2100 | 25 | 6 | 10 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 240 | 38 | 10 |
| | DUC-G108M-MW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2020 | 24 | 8 | 14 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 290 | 57 | 15 |
| | DUC-G108M-LW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 1960 | 23 | 10 | 17 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 340 | 76 | 20 |
| | DUC-G110M-SW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3550 | 29 | 9 | 16 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 325 | 64 | 18 |
| | DUC-G110M-MW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3400 | 28 | 12 | 22 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 400 | 96 | 27 |
| | DUC-G110M-LW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3250 | 27 | 15 | 28 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 495 | 127 | 35 |
| | DUC-G114M-SW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6220 | 35 | 15 | 29 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 500 | 111 | 32 |
| | DUC-G114M-MW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6050 | 34 | 21 | 40 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 650 | 167 | 47 |
| | DUC-G114M-LW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 5880 | 33 | 27 | 50 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 790 | 222 | 64 |
| 8mm | DUC-G106L-SW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1330 | 19 | 3 | 6 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 155 | 18 | 7 |
| | DUC-G106L-MW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1300 | 18 | 4 | 8 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 188 | 27 | 10 |
| | DUC-G106L-LW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1260 | 17 | 5 | 10 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 216 | 36 | 13 |
| | DUC-G108L-SW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2100 | 25 | 5 | 9 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 226 | 29 | 10 |
| | DUC-G108L-MW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2020 | 24 | 7 | 12 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 273 | 44 | 15 |
| | DUC-G108L-LW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 1960 | 23 | 9 | 15 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 320 | 58 | 20 |
| | DUC-G110L-SW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3550 | 29 | 8 | 14 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 306 | 49 | 18 |
| | DUC-G110L-MW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3400 | 28 | 11 | 20 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 376 | 73 | 27 |
| | DUC-G110L-LW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3250 | 27 | 13 | 25 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 465 | 97 | 35 |
| | DUC-G114L-SW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6220 | 35 | 13 | 26 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 470 | 85 | 32 |
| | DUC-G114L-MW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6050 | 34 | 19 | 36 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 611 | 128 | 47 |
| | DUC-G114L-LW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 5880 | 33 | 24 | 45 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 743 | 171 | 64 |
| 10mm | DUC-G106F-SW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1330 | 19 | 3 | 6 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 142 | 15 | 7 |
| | DUC-G106F-MW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1300 | 18 | 4 | 7 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 172 | 22 | 10 |
| | DUC-G106F-LW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1260 | 17 | 5 | 9 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 198 | 30 | 13 |
| | DUC-G108F-SW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2100 | 25 | 5 | 8 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 206 | 24 | 10 |
| | DUC-G108F-MW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2020 | 24 | 6 | 11 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 249 | 36 | 15 |
| | DUC-G108F-LW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 1960 | 23 | 8 | 14 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 292 | 48 | 20 |
| | DUC-G110F-SW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3550 | 29 | 7 | 13 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 280 | 40 | 18 |
| | DUC-G110F-MW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3400 | 28 | 10 | 18 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 344 | 60 | 27 |
| | DUC-G110F-LW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3250 | 27 | 12 | 22 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 426 | 79 | 35 |
| | DUC-G114F-SW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6220 | 35 | 12 | 23 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 430 | 70 | 32 |
| | DUC-G114F-MW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6050 | 34 | 17 | 32 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 559 | 104 | 47 |
| | DUC-G114F-LW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 5880 | 33 | 22 | 40 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 679 | 139 | 64 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-G106B-SW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1330 | 19 | 3 | 5 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 135 | 13 | 7 |
| | DUC-G106B-MW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1300 | 18 | 4 | 6 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 164 | 19 | 10 |
| | DUC-G106B-LW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1260 | 17 | 4 | 8 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 189 | 26 | 13 |
| | DUC-G108B-SW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2100 | 25 | 4 | 7 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 197 | 20 | 10 |
| | DUC-G108B-MW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2020 | 24 | 6 | 10 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 238 | 31 | 15 |
| | DUC-G108B-LW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 1960 | 23 | 7 | 12 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 279 | 41 | 20 |
| | DUC-G110B-SW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3550 | 29 | 6 | 12 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 267 | 34 | 18 |
| | DUC-G110B-MW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3400 | 28 | 9 | 16 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 328 | 51 | 27 |
| | DUC-G110B-LW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3250 | 27 | 11 | 20 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 406 | 68 | 35 |
| | DUC-G114B-SW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6220 | 35 | 11 | 21 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 410 | 59 | 32 |
| | DUC-G114B-MW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6050 | 34 | 15 | 29 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 533 | 89 | 47 |
| | DUC-G114B-LW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 5880 | 33 | 19 | 36 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 648 | 118 | 64 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0˚C air on temperature. Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



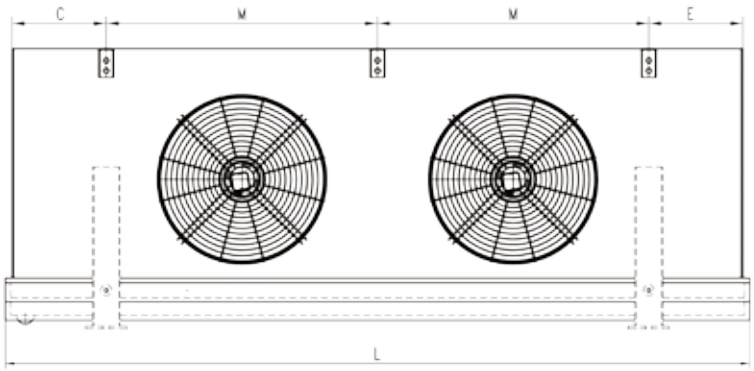



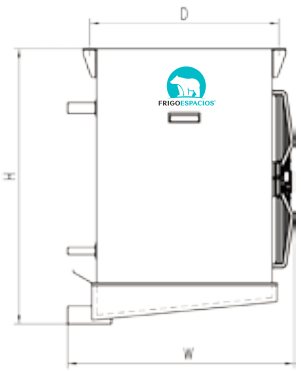
# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | DUC-G206M-SW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2660 | 19 | 7 | 13 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 330 | 48 | 14 |
| | DUC-G206M-MW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2590 | 18 | 10 | 17 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 400 | 72 | 21 |
| | DUC-G206M-LW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2520 | 17 | 12 | 21 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 460 | 96 | 28 |
| | DUC-G208M-SW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4200 | 25 | 11 | 20 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 480 | 76 | 20 |
| | DUC-G208M-MW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4040 | 24 | 15 | 27 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 580 | 114 | 30 |
| | DUC-G208M-LW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 3920 | 23 | 18 | 33 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 680 | 152 | 40 |
| | DUC-G210M-SW | 900 | 2 | 710 | 980 | 1.75 | 77 | 7100 | 29 | 18 | 32 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 650 | 127 | 34 |
| | DUC-G210M-MW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6800 | 28 | 23 | 43 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 800 | 191 | 52 |
| | DUC-G210M-LW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6720 | 27 | 27 | 55 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 990 | 255 | 68 |
| | DUC-G214M-SW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12430 | 35 | 32 | 58 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1000 | 223 | 63 |
| | DUC-G214M-MW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12100 | 34 | 46 | 81 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1300 | 334 | 95 |
| | DUC-G214M-LW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 11800 | 33 | 56 | 98 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1580 | 445 | 126 |
| 8mm | DUC-G206L-SW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2660 | 19 | 6 | 12 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 310 | 36 | 14 |
| | DUC-G206L-MW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2590 | 18 | 9 | 15 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 376 | 54 | 21 |
| | DUC-G206L-LW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2520 | 17 | 11 | 19 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 432 | 72 | 28 |
| | DUC-G208L-SW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4200 | 25 | 10 | 18 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 451 | 58 | 20 |
| | DUC-G208L-MW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4040 | 24 | 13 | 24 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 545 | 88 | 30 |
| | DUC-G208L-LW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 3920 | 23 | 16 | 29 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 639 | 116 | 40 |
| | DUC-G210L-SW | 900 | 2 | 710 | 980 | 1.75 | 77 | 7100 | 29 | 16 | 28 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 611 | 98 | 34 |
| | DUC-G210L-MW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6800 | 28 | 20 | 38 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 752 | 146 | 52 |
| | DUC-G210L-LW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6720 | 27 | 24 | 49 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 931 | 194 | 68 |
| | DUC-G214L-SW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12430 | 35 | 28 | 52 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 940 | 170 | 63 |
| | DUC-G214L-MW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12100 | 34 | 41 | 72 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1222 | 256 | 95 |
| | DUC-G214L-LW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 11800 | 33 | 50 | 87 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 148 | 342 | 126 |
| 10mm | DUC-G206F-SW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2660 | 19 | 6 | 10 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 289 | 30 | 14 |
| | DUC-G206F-MW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2590 | 18 | 8 | 14 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 344 | 44 | 21 |
| | DUC-G206F-LW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2520 | 17 | 10 | 17 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 396 | 60 | 28 |
| | DUC-G208F-SW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4200 | 25 | 9 | 16 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 413 | 48 | 20 |
| | DUC-G208F-MW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4040 | 24 | 12 | 22 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 499 | 72 | 30 |
| | DUC-G208F-LW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 3920 | 23 | 14 | 26 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 585 | 96 | 40 |
| | DUC-G210F-SW | 900 | 2 | 710 | 980 | 1.75 | 77 | 7100 | 29 | 14 | 26 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 559 | 80 | 34 |
| | DUC-G210F-MW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6800 | 28 | 18 | 34 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 688 | 120 | 52 |
| | DUC-G210F-LW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6720 | 27 | 22 | 44 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 851 | 158 | 68 |
| | DUC-G214F-SW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12430 | 35 | 26 | 46 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 860 | 140 | 63 |
| | DUC-G214F-MW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12100 | 34 | 37 | 65 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1118 | 208 | 95 |
| | DUC-G214F-LW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 11800 | 33 | 45 | 78 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1359 | 278 | 126 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-G206B-SW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2660 | 19 | 5 | 9 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 271 | 26 | 14 |
| | DUC-G206B-MW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2590 | 18 | 7 | 12 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 328 | 38 | 21 |
| | DUC-G206B-LW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2520 | 17 | 9 | 15 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 377 | 52 | 28 |
| | DUC-G208B-SW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4200 | 25 | 8 | 14 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 394 | 40 | 20 |
| | DUC-G208B-MW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4040 | 24 | 11 | 19 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 476 | 62 | 30 |
| | DUC-G208B-LW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 3920 | 23 | 13 | 24 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 558 | 82 | 40 |
| | DUC-G210B-SW | 900 | 2 | 710 | 980 | 1.75 | 77 | 7100 | 29 | 13 | 23 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 533 | 68 | 34 |
| | DUC-G210B-MW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6800 | 28 | 17 | 31 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 656 | 102 | 52 |
| | DUC-G210B-LW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6720 | 27 | 19 | 40 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 812 | 136 | 68 |
| | DUC-G214B-SW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12430 | 35 | 23 | 42 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 820 | 118 | 63 |
| | DUC-G214B-MW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12100 | 34 | 33 | 58 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1066 | 178 | 95 |
| | DUC-G214B-LW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 11800 | 33 | 40 | 71 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1296 | 236 | 126 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0℃ air on temperature. Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



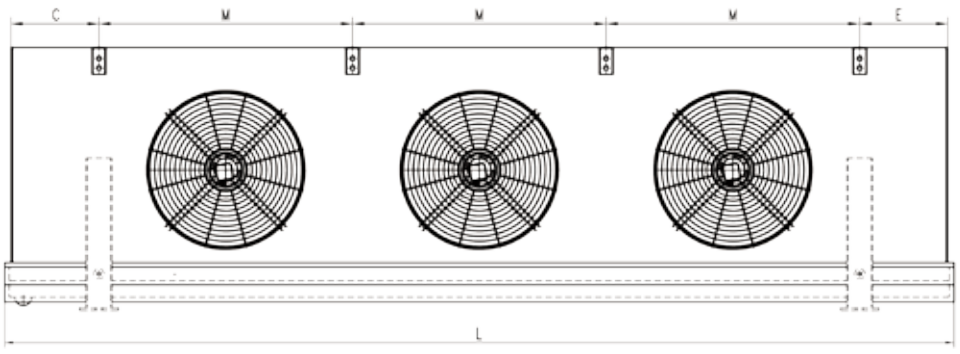



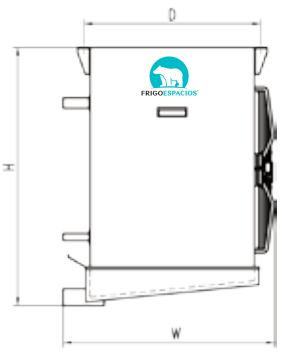
# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | DUC-G306M-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3990 | 19 | 10 | 19 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 495 | 72 | 21 |
| | DUC-G306M-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3900 | 18 | 14 | 26 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 600 | 108 | 32 |
| | DUC-G306M-LW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3780 | 17 | 17 | 32 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 690 | 144 | 42 |
| | DUC-G308M-SW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6300 | 25 | 17 | 30 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 720 | 114 | 30 |
| | DUC-G308M-MW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6060 | 24 | 23 | 40 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 870 | 171 | 45 |
| | DUC-G308M-LW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 5880 | 23 | 29 | 50 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 1020 | 229 | 60 |
| | DUC-G310M-SW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10650 | 29 | 26.5 | 49.5 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 975 | 191 | 54 |
| | DUC-G310M-MW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10200 | 28 | 36.5 | 66.5 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1200 | 286 | 81 |
| | DUC-G310M-LW | 900 | 3 | 710 | 980 | 1.75 | 77 | 9750 | 27 | 47.5 | 85 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1485 | 382 | 108 |
| | DUC-G314M-SW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18660 | 35 | 49 | 82 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1500 | 334 | 96 |
| | DUC-G314M-MW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18150 | 34 | 68 | 114 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1950 | 501 | 141 |
| | DUC-G314M-LW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 17640 | 33 | 82 | 139 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 2370 | 668 | 192 |
| 8mm | DUC-G306L-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3990 | 19 | 9 | 17 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 465 | 54 | 21 |
| | DUC-G306L-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3900 | 18 | 12 | 23 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 564 | 81 | 32 |
| | DUC-G306L-LW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3780 | 17 | 15 | 28 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 649 | 108 | 42 |
| | DUC-G308L-SW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6300 | 25 | 15 | 27 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 677 | 87 | 30 |
| | DUC-G308L-MW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6060 | 24 | 20 | 36 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 818 | 132 | 45 |
| | DUC-G308L-LW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 5880 | 23 | 26 | 45 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 959 | 174 | 60 |
| | DUC-G310L-SW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10650 | 29 | 24 | 44 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 917 | 147 | 54 |
| | DUC-G310L-MW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10200 | 28 | 32 | 59 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1128 | 219 | 81 |
| | DUC-G310L-LW | 900 | 3 | 710 | 980 | 1.75 | 77 | 9750 | 27 | 42 | 76 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1396 | 291 | 108 |
| | DUC-G314L-SW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18660 | 35 | 44 | 73 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1410 | 255 | 96 |
| | DUC-G314L-MW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18150 | 34 | 61 | 101 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1833 | 384 | 141 |
| | DUC-G314L-LW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 17640 | 33 | 73 | 124 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 2228 | 513 | 192 |
| 10mm | DUC-G306F-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3990 | 19 | 8 | 15 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 426 | 45 | 21 |
| | DUC-G306F-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3900 | 18 | 11 | 21 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 516 | 66 | 32 |
| | DUC-G306F-LW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3780 | 17 | 14 | 26 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 593 | 90 | 42 |
| | DUC-G308F-SW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6300 | 25 | 14 | 24 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 619 | 72 | 30 |
| | DUC-G308F-MW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6060 | 24 | 18 | 32 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 748 | 108 | 45 |
| | DUC-G308F-LW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 5880 | 23 | 23 | 40 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 877 | 144 | 60 |
| | DUC-G310F-SW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10650 | 29 | 21 | 40 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 839 | 120 | 54 |
| | DUC-G310F-MW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10200 | 28 | 29 | 53 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1032 | 180 | 81 |
| | DUC-G310F-LW | 900 | 3 | 710 | 980 | 1.75 | 77 | 9750 | 27 | 38 | 68 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1277 | 237 | 108 |
| | DUC-G314F-SW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18660 | 35 | 39 | 66 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1290 | 210 | 96 |
| | DUC-G314F-MW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18150 | 34 | 54 | 91 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1677 | 312 | 141 |
| | DUC-G314F-LW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 17640 | 33 | 66 | 111 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 2038 | 417 | 192 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-G306B-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3990 | 19 | 7 | 14 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 406 | 39 | 21 |
| | DUC-G306B-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3900 | 18 | 10 | 19 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 492 | 57 | 32 |
| | DUC-G306B-LW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3780 | 17 | 12 | 23 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 566 | 78 | 42 |
| | DUC-G308B-SW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6300 | 25 | 12 | 22 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 590 | 60 | 30 |
| | DUC-G308B-MW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6060 | 24 | 17 | 29 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 713 | 93 | 45 |
| | DUC-G308B-LW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 5880 | 23 | 21 | 36 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 836 | 123 | 60 |
| | DUC-G310B-SW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10650 | 29 | 19 | 36 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 800 | 102 | 54 |
| | DUC-G310B-MW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10200 | 28 | 26 | 48 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 984 | 153 | 81 |
| | DUC-G310B-LW | 900 | 3 | 710 | 980 | 1.75 | 77 | 9750 | 27 | 34 | 61 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1218 | 204 | 108 |
| | DUC-G314B-SW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18660 | 35 | 35 | 59 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1230 | 177 | 96 |
| | DUC-G314B-MW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18150 | 34 | 49 | 82 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1599 | 267 | 141 |
| | DUC-G314B-LW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 17640 | 33 | 59 | 100 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1943 | 354 | 192 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0˚C air on temperature. Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



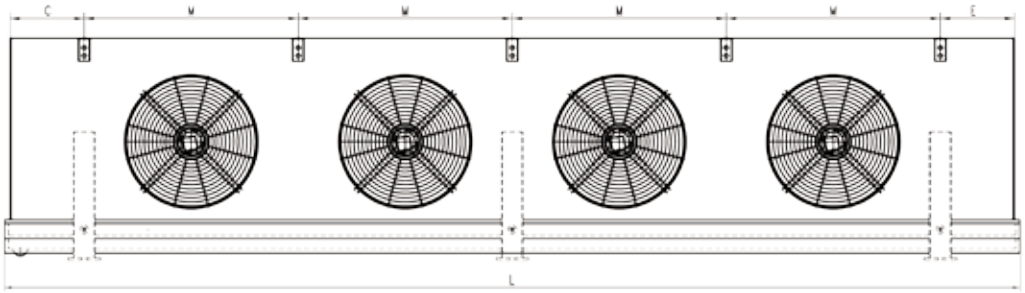



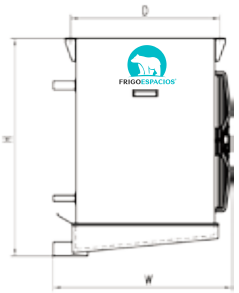
# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | **DUC-G406M-SW** | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5320 | 19 | 14 | 25 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 660 | 96 | 28 |
| | **DUC-G406M-MW** | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5180 | 18 | 19 | 35 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 800 | 144 | 42 |
| | **DUC-G406M-LW** | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5040 | 17 | 24 | 42 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 920 | 192 | 56 |
| | **DUC-G408M-SW** | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8400 | 25 | 22 | 40 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 960 | 152 | 40 |
| | **DUC-G408M-MW** | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8080 | 24 | 30 | 55 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 1160 | 228 | 60 |
| | **DUC-G408M-LW** | 1340 | 4 | 500 | 780 | 1.35 | 68 | 7840 | 23 | 37 | 68 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 1360 | 304 | 80 |
| | **DUC-G410M-SW** | 900 | 4 | 710 | 980 | 1.75 | 77 | 14200 | 29 | 38 | 65 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1300 | 255 | 68 |
| | **DUC-G410M-MW** | 900 | 4 | 710 | 980 | 1.75 | 77 | 13600 | 28 | 52 | 91 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1600 | 383 | 104 |
| | **DUC-G410M-LW** | 900 | 4 | 710 | 980 | 1.75 | 77 | 13440 | 27 | 65 | 113 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1980 | 510 | 136 |
| 8mm | **DUC-G406L-SW** | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5320 | 19 | 12 | 22 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 620 | 72 | 28 |
| | **DUC-G406L-MW** | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5180 | 18 | 17 | 31 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 752 | 108 | 42 |
| | **DUC-G406L-LW** | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5040 | 17 | 21 | 37 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 865 | 144 | 56 |
| | **DUC-G408L-SW** | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8400 | 25 | 20 | 36 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 902 | 116 | 40 |
| | **DUC-G408L-MW** | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8080 | 24 | 27 | 49 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 1090 | 176 | 60 |
| | **DUC-G408L-LW** | 1340 | 4 | 500 | 780 | 1.35 | 68 | 7840 | 23 | 33 | 61 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 1278 | 232 | 80 |
| | **DUC-G410L-SW** | 900 | 4 | 710 | 980 | 1.75 | 77 | 14200 | 29 | 34 | 58 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1222 | 196 | 68 |
| | **DUC-G410L-MW** | 900 | 4 | 710 | 980 | 1.75 | 77 | 13600 | 28 | 46 | 81 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1504 | 292 | 104 |
| | **DUC-G410L-LW** | 900 | 4 | 710 | 980 | 1.75 | 77 | 13440 | 27 | 58 | 101 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1861 | 388 | 136 |
| 10mm | **DUC-G406F-SW** | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5320 | 19 | 11 | 20 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 568 | 60 | 28 |
| | **DUC-G406F-MW** | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5180 | 18 | 15 | 28 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 688 | 88 | 42 |
| | **DUC-G406F-LW** | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5040 | 17 | 19 | 34 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 791 | 120 | 56 |
| | **DUC-G408F-SW** | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8400 | 25 | 18 | 32 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 826 | 96 | 40 |
| | **DUC-G408F-MW** | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8080 | 24 | 24 | 44 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 998 | 144 | 60 |
| | **DUC-G408F-LW** | 1340 | 4 | 500 | 780 | 1.35 | 68 | 7840 | 23 | 30 | 54 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 1170 | 192 | 80 |
| | **DUC-G410F-SW** | 900 | 4 | 710 | 980 | 1.75 | 77 | 14200 | 29 | 30 | 52 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1118 | 160 | 68 |
| | **DUC-G410F-MW** | 900 | 4 | 710 | 980 | 1.75 | 77 | 13600 | 28 | 42 | 73 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1376 | 240 | 104 |
| | **DUC-G410F-LW** | 900 | 4 | 710 | 980 | 1.75 | 77 | 13440 | 27 | 52 | 90 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1709 | 316 | 136 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-G406B-SW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5320 | 19 | 10 | 18 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 541 | 52 | 28 |
| | DUC-G406B-MW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5180 | 18 | 14 | 25 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 656 | 76 | 42 |
| | DUC-G406B-LW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5040 | 17 | 17 | 30 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 754 | 104 | 56 |
| | DUC-G408B-SW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8400 | 25 | 16 | 29 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 787 | 80 | 40 |
| | DUC-G408B-MW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8080 | 24 | 22 | 40 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 951 | 124 | 60 |
| | DUC-G408B-LW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 7840 | 23 | 27 | 49 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 1115 | 164 | 80 |
| | DUC-G410B-SW | 900 | 4 | 710 | 980 | 1.75 | 77 | 14200 | 29 | 27 | 47 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1066 | 136 | 68 |
| | DUC-G410B-MW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13600 | 28 | 37 | 66 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1312 | 204 | 104 |
| | DUC-G410B-LW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13440 | 27 | 47 | 81 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1624 | 272 | 136 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0˚C air on temperature. Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



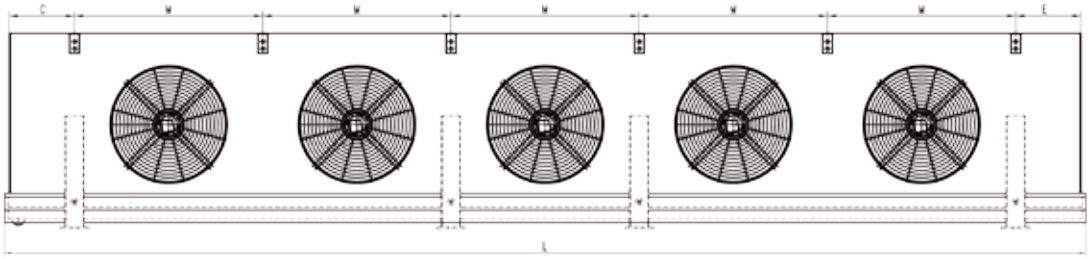



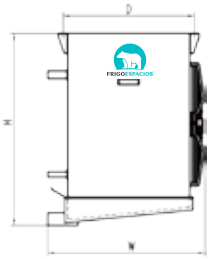
# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | DUC-G506M-SW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6650 | 19 | 18 | 31 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 825 | 119 | 35 |
| | DUC-G506M-MW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6500 | 18 | 24 | 43 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 1000 | 180 | 53 |
| | DUC-G506M-LW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6300 | 17 | 30 | 52 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 1150 | 239 | 70 |
| | DUC-G508M-SW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10500 | 25 | 28 | 50 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1200 | 191 | 50 |
| | DUC-G508M-MW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10100 | 24 | 38 | 68 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1450 | 287 | 75 |
| | DUC-G508M-LW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 9800 | 23 | 46 | 84 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1700 | 382 | 100 |
| | DUC-G510M-SW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17760 | 29 | 47 | 79 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1625 | 318 | 85 |
| | DUC-G510M-MW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17280 | 28 | 65 | 109 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 2000 | 478 | 130 |
| | DUC-G510M-LW | 900 | 5 | 710 | 980 | 1.75 | 77 | 16800 | 27 | 79 | 134 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 2475 | 637 | 170 |
| 8mm | DUC-G506L-SW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6650 | 19 | 16 | 28 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 776 | 90 | 35 |
| | DUC-G506L-MW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6500 | 18 | 21 | 38 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 940 | 135 | 53 |
| | DUC-G506L-LW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6300 | 17 | 27 | 46 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 1081 | 180 | 70 |
| | DUC-G508L-SW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10500 | 25 | 25 | 45 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1128 | 145 | 50 |
| | DUC-G508L-MW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10100 | 24 | 34 | 61 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1363 | 220 | 75 |
| | DUC-G508L-LW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 9800 | 23 | 41 | 75 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1598 | 290 | 100 |
| | DUC-G510L-SW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17760 | 29 | 42 | 70 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1528 | 245 | 85 |
| | DUC-G510L-MW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17280 | 28 | 58 | 97 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1880 | 365 | 130 |
| | DUC-G510L-LW | 900 | 5 | 710 | 980 | 1.75 | 77 | 16800 | 27 | 70 | 119 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 2327 | 485 | 170 |
| 10mm | DUC-G506F-SW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6650 | 19 | 14 | 25 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 710 | 75 | 35 |
| | DUC-G506F-MW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6500 | 18 | 19 | 34 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 860 | 110 | 53 |
| | DUC-G506F-LW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6300 | 17 | 24 | 42 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 989 | 150 | 70 |
| | DUC-G508F-SW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10500 | 25 | 22 | 40 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1032 | 120 | 50 |
| | DUC-G508F-MW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10100 | 24 | 30 | 54 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1247 | 180 | 75 |
| | DUC-G508F-LW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 9800 | 23 | 37 | 67 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1462 | 240 | 100 |
| | DUC-G510F-SW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17760 | 29 | 38 | 63 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1398 | 200 | 85 |
| | DUC-G510F-MW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17280 | 28 | 52 | 87 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1720 | 300 | 130 |
| | DUC-G510F-LW | 900 | 5 | 710 | 980 | 1.75 | 77 | 16800 | 27 | 63 | 107 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 2126 | 395 | 170 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-G506B-SW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6650 | 19 | 13 | 22 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 677 | 65 | 35 |
| | DUC-G506B-MW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6500 | 18 | 17 | 31 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 820 | 95 | 53 |
| | DUC-G506B-LW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6300 | 17 | 22 | 37 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 943 | 130 | 70 |
| | DUC-G508B-SW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10500 | 25 | 20 | 36 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 984 | 100 | 50 |
| | DUC-G508B-MW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10100 | 24 | 27 | 49 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1189 | 155 | 75 |
| | DUC-G508B-LW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 9800 | 23 | 33 | 60 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1394 | 205 | 100 |
| | DUC-G510B-SW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17760 | 29 | 34 | 57 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1333 | 170 | 85 |
| | DUC-G510B-MW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17280 | 28 | 47 | 78 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1640 | 255 | 130 |
| | DUC-G510B-LW | 900 | 5 | 710 | 980 | 1.75 | 77 | 16800 | 27 | 57 | 96 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 2030 | 340 | 170 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0˚C air on temperature. Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



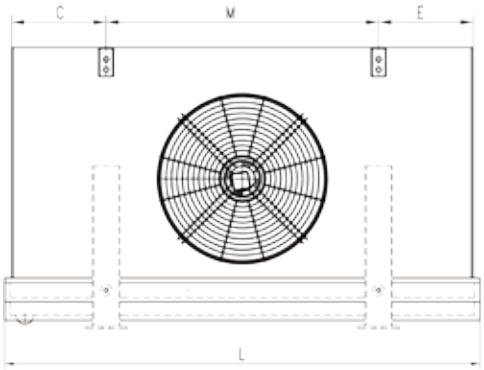


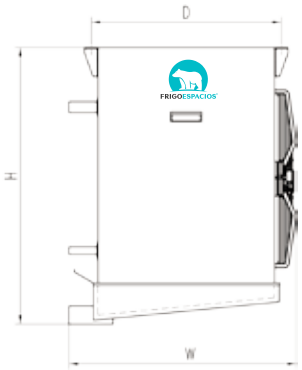
# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | DUC-S106M-SW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1330 | 19 | 5 | 6 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 130 | 24 | 7 |
| | DUC-S106M-MW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1300 | 18 | 6 | 11 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 145 | 36 | 10 |
| | DUC-S106M-LW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1260 | 17 | 7 | 14 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 160 | 48 | 13 |
| | DUC-S108M-SW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2100 | 25 | 6 | 14 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 175 | 38 | 10 |
| | DUC-S108M-MW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2020 | 24 | 9 | 18 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 195 | 57 | 15 |
| | DUC-S108M-LW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 1960 | 23 | 12 | 21 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 215 | 76 | 20 |
| | DUC-S110M-SW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3550 | 29 | 12 | 22 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 225 | 64 | 18 |
| | DUC-S110M-MW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3400 | 28 | 15 | 31 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 265 | 96 | 27 |
| | DUC-S110M-LW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3250 | 27 | 18 | 36 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 305 | 127 | 35 |
| | DUC-S114M-SW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6220 | 35 | 21 | 38 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 340 | 111 | 32 |
| | DUC-S114M-MW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6050 | 34 | 28 | 52 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 395 | 167 | 47 |
| | DUC-S114M-LW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 5880 | 33 | 34 | 62 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 450 | 222 | 64 |
| 8mm | DUC-S106L-SW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1330 | 19 | 5 | 6 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 130 | 24 | 7 |
| | DUC-S106L-MW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1300 | 18 | 6 | 11 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 145 | 36 | 10 |
| | DUC-S106L-LW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1260 | 17 | 7 | 14 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 160 | 48 | 13 |
| | DUC-S108L-SW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2100 | 25 | 6 | 14 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 175 | 38 | 10 |
| | DUC-S108L-MW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2020 | 24 | 9 | 18 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 195 | 57 | 15 |
| | DUC-S108L-LW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 1960 | 23 | 12 | 21 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 215 | 76 | 20 |
| | DUC-S110L-SW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3550 | 29 | 12 | 22 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 225 | 64 | 18 |
| | DUC-S110L-MW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3400 | 28 | 15 | 31 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 265 | 96 | 27 |
| | DUC-S110L-LW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3250 | 27 | 18 | 36 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 305 | 127 | 35 |
| | DUC-S114L-SW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6220 | 35 | 21 | 38 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 340 | 111 | 32 |
| | DUC-S114L-MW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6050 | 34 | 28 | 52 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 395 | 167 | 47 |
| | DUC-S114L-LW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 5880 | 33 | 34 | 62 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 450 | 222 | 64 |
| 10mm | DUC-S106F-SW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1330 | 19 | 4 | 5 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 123 | 15 | 7 |
| | DUC-S106F-MW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1300 | 18 | 5 | 9 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 138 | 22 | 10 |
| | DUC-S106F-LW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1260 | 17 | 6 | 11 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 153 | 30 | 13 |
| | DUC-S108F-SW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2100 | 25 | 5 | 11 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 165 | 24 | 10 |
| | DUC-S108F-MW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2020 | 24 | 7 | 14 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 185 | 36 | 15 |
| | DUC-S108F-LW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 1960 | 23 | 10 | 17 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 205 | 48 | 20 |
| | DUC-S110F-SW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3550 | 29 | 10 | 18 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 218 | 40 | 18 |
| | DUC-S110F-MW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3400 | 28 | 12 | 25 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 250 | 60 | 27 |
| | DUC-S110F-LW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3250 | 27 | 14 | 29 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 280 | 79 | 35 |
| | DUC-S114F-SW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6220 | 35 | 17 | 30 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 315 | 70 | 32 |
| | DUC-S114F-MW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6050 | 34 | 22 | 42 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 368 | 104 | 47 |
| | DUC-S114F-LW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 5880 | 33 | 27 | 50 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 423 | 139 | 64 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-S106B-SW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1330 | 19 | 3 | 4 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 120 | 13 | 7 |
| | DUC-S106B-MW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1300 | 18 | 4 | 8 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 135 | 19 | 10 |
| | DUC-S106B-LW | 1340 | 1 | 450 | 610 | 1.15 | 67 | 1260 | 17 | 5 | 10 | 1020 | 780 | 820 | 640 | 753 | 255 | 125 | 150 | 26 | 13 |
| | DUC-S108B-SW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2100 | 25 | 4 | 10 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 160 | 20 | 10 |
| | DUC-S108B-MW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 2020 | 24 | 6 | 13 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 180 | 31 | 15 |
| | DUC-S108B-LW | 1340 | 1 | 500 | 780 | 1.35 | 68 | 1960 | 23 | 9 | 15 | 1220 | 895 | 850 | 840 | 753 | 255 | 125 | 200 | 41 | 20 |
| | DUC-S110B-SW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3550 | 29 | 9 | 16 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 215 | 34 | 18 |
| | DUC-S110B-MW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3400 | 28 | 11 | 22 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 245 | 51 | 27 |
| | DUC-S110B-LW | 900 | 1 | 710 | 980 | 1.75 | 77 | 3250 | 27 | 13 | 26 | 1420 | 1190 | 860 | 1040 | 753 | 255 | 125 | 275 | 68 | 35 |
| | DUC-S114B-SW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6220 | 35 | 15 | 27 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 310 | 59 | 32 |
| | DUC-S114B-MW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 6050 | 34 | 20 | 37 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 360 | 89 | 47 |
| | DUC-S114B-LW | 860 | 1 | 910 | 1650 | 3.5 | 85 | 5880 | 33 | 24 | 45 | 1820 | 1390 | 890 | 1440 | 753 | 255 | 125 | 415 | 118 | 64 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0℃ air on temperature. Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



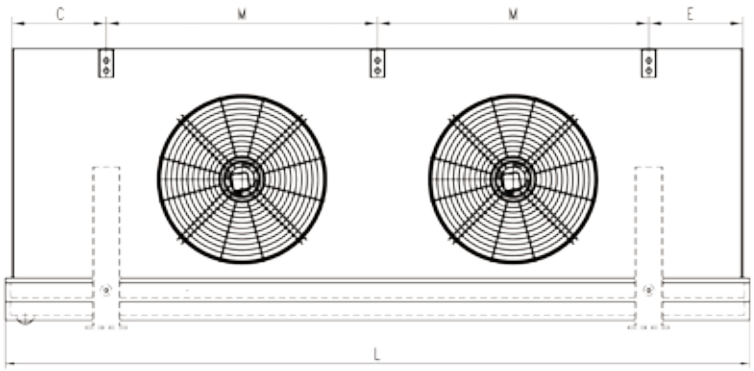



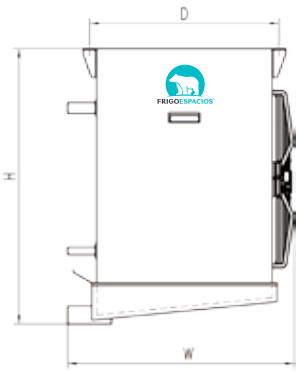
# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | DUC-S206M-SW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2660 | 19 | 8 | 17 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 260 | 48 | 14 |
| | DUC-S206M-MW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2590 | 18 | 11 | 22 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 290 | 72 | 21 |
| | DUC-S206M-LW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2520 | 17 | 15 | 28 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 320 | 96 | 28 |
| | DUC-S208M-SW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4200 | 25 | 14 | 28 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 350 | 76 | 20 |
| | DUC-S208M-MW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4040 | 24 | 19 | 36 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 390 | 114 | 30 |
| | DUC-S208M-LW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 3920 | 23 | 23 | 43 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 430 | 152 | 40 |
| | DUC-S210M-SW | 900 | 2 | 710 | 980 | 1.75 | 77 | 7100 | 29 | 23 | 42 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 450 | 127 | 34 |
| | DUC-S210M-MW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6800 | 28 | 32 | 57 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 530 | 191 | 52 |
| | DUC-S210M-LW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6720 | 27 | 36 | 70 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 610 | 255 | 68 |
| | DUC-S214M-SW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12430 | 35 | 41 | 76 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 680 | 223 | 63 |
| | DUC-S214M-MW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12100 | 34 | 56 | 102 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 790 | 334 | 95 |
| | DUC-S214M-LW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 11800 | 33 | 67 | 124 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 900 | 445 | 126 |
| 8mm | DUC-S206L-SW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2660 | 19 | 8 | 17 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 260 | 48 | 14 |
| | DUC-S206L-MW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2590 | 18 | 11 | 22 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 290 | 72 | 21 |
| | DUC-S206L-LW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2520 | 17 | 15 | 28 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 320 | 96 | 28 |
| | DUC-S208L-SW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4200 | 25 | 14 | 28 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 350 | 76 | 20 |
| | DUC-S208L-MW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4040 | 24 | 19 | 36 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 390 | 114 | 30 |
| | DUC-S208L-LW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 3920 | 23 | 23 | 43 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 430 | 152 | 40 |
| | DUC-S210L-SW | 900 | 2 | 710 | 980 | 1.75 | 77 | 7100 | 29 | 23 | 42 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 450 | 127 | 34 |
| | DUC-S210L-MW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6800 | 28 | 32 | 57 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 530 | 191 | 52 |
| | DUC-S210L-LW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6720 | 27 | 36 | 70 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 610 | 255 | 68 |
| | DUC-S214L-SW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12430 | 35 | 41 | 76 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 680 | 223 | 63 |
| | DUC-S214L-MW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12100 | 34 | 56 | 102 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 790 | 334 | 95 |
| | DUC-S214L-LW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 11800 | 33 | 67 | 124 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 900 | 445 | 126 |
| 10mm | DUC-S206F-SW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2660 | 19 | 6 | 14 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 245 | 30 | 14 |
| | DUC-S206F-MW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2590 | 18 | 9 | 18 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 275 | 44 | 21 |
| | DUC-S206F-LW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2520 | 17 | 12 | 22 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 305 | 60 | 28 |
| | DUC-S208F-SW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4200 | 25 | 11 | 22 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 330 | 48 | 20 |
| | DUC-S208F-MW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4040 | 24 | 15 | 29 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 370 | 72 | 30 |
| | DUC-S208F-LW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 3920 | 23 | 18 | 34 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 410 | 96 | 40 |
| | DUC-S210F-SW | 900 | 2 | 710 | 980 | 1.75 | 77 | 7100 | 29 | 18 | 34 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 435 | 80 | 34 |
| | DUC-S210F-MW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6800 | 28 | 26 | 46 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 500 | 120 | 52 |
| | DUC-S210F-LW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6720 | 27 | 29 | 56 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 560 | 158 | 68 |
| | DUC-S214F-SW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12430 | 35 | 33 | 61 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 630 | 140 | 63 |
| | DUC-S214F-MW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12100 | 34 | 45 | 82 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 735 | 208 | 95 |
| | DUC-S214F-LW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 11800 | 33 | 54 | 99 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 845 | 278 | 126 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-S206B-SW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2660 | 19 | 6 | 12 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 240 | 26 | 14 |
| | DUC-S206B-MW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2590 | 18 | 8 | 16 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 270 | 38 | 21 |
| | DUC-S206B-LW | 1340 | 2 | 450 | 610 | 1.15 | 67 | 2520 | 17 | 11 | 20 | 1660 | 780 | 820 | 640 | 753 | 255 | 125 | 300 | 52 | 28 |
| | DUC-S208B-SW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4200 | 25 | 10 | 20 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 320 | 40 | 20 |
| | DUC-S208B-MW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 4040 | 24 | 14 | 26 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 360 | 62 | 30 |
| | DUC-S208B-LW | 1340 | 2 | 500 | 780 | 1.35 | 68 | 3920 | 23 | 17 | 31 | 2060 | 895 | 850 | 840 | 753 | 255 | 125 | 400 | 82 | 40 |
| | DUC-S210B-SW | 900 | 2 | 710 | 980 | 1.75 | 77 | 7100 | 29 | 17 | 30 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 430 | 68 | 34 |
| | DUC-S210B-MW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6800 | 28 | 23 | 41 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 490 | 102 | 52 |
| | DUC-S210B-LW | 900 | 2 | 710 | 980 | 1.75 | 77 | 6720 | 27 | 26 | 50 | 2460 | 1190 | 860 | 1040 | 753 | 255 | 125 | 550 | 136 | 68 |
| | DUC-S214B-SW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12430 | 35 | 30 | 55 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 620 | 118 | 63 |
| | DUC-S214B-MW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 12100 | 34 | 40 | 73 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 720 | 178 | 95 |
| | DUC-S214B-LW | 860 | 2 | 910 | 1650 | 3.5 | 85 | 11800 | 33 | 48 | 89 | 3260 | 1390 | 890 | 1440 | 753 | 255 | 125 | 830 | 236 | 126 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0℃ air on temperature. Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



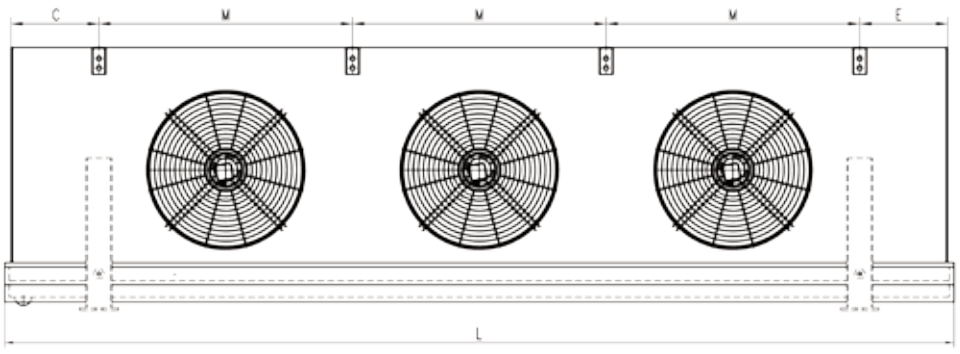



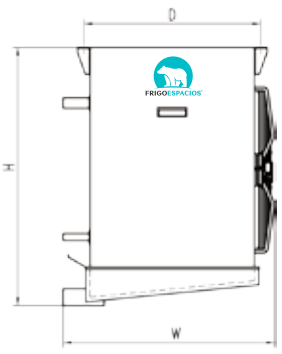
# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | DUC-S306M-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3990 | 19 | 14 | 26 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 390 | 72 | 21 |
| | DUC-S306M-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3900 | 18 | 18 | 34 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 435 | 108 | 32 |
| | DUC-S306M-LW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3780 | 17 | 21 | 42 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 480 | 144 | 42 |
| | DUC-S308M-SW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6300 | 25 | 21 | 42 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 525 | 114 | 30 |
| | DUC-S308M-MW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6060 | 24 | 29 | 53 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 585 | 171 | 45 |
| | DUC-S308M-LW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 5880 | 23 | 34 | 64 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 645 | 229 | 60 |
| | DUC-S310M-SW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10650 | 29 | 36 | 65 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 675 | 191 | 54 |
| | DUC-S310M-MW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10200 | 28 | 48 | 88 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 795 | 286 | 81 |
| | DUC-S310M-LW | 900 | 3 | 710 | 980 | 1.75 | 77 | 9750 | 27 | 58 | 104 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 915 | 382 | 108 |
| | DUC-S314M-SW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18660 | 35 | 60 | 99 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1020 | 334 | 96 |
| | DUC-S314M-MW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18150 | 34 | 81 | 135 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1185 | 501 | 141 |
| | DUC-S314M-LW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 17640 | 33 | 98 | 166 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1350 | 668 | 192 |
| 8mm | DUC-S306L-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3990 | 19 | 14 | 26 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 390 | 72 | 21 |
| | DUC-S306L-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3900 | 18 | 18 | 34 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 435 | 108 | 32 |
| | DUC-S306L-LW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3780 | 17 | 21 | 42 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 480 | 144 | 42 |
| | DUC-S308L-SW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6300 | 25 | 21 | 42 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 525 | 114 | 30 |
| | DUC-S308L-MW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6060 | 24 | 29 | 53 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 585 | 171 | 45 |
| | DUC-S308L-LW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 5880 | 23 | 34 | 64 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 645 | 229 | 60 |
| | DUC-S310L-SW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10650 | 29 | 36 | 65 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 675 | 191 | 54 |
| | DUC-S310L-MW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10200 | 28 | 48 | 88 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 795 | 286 | 81 |
| | DUC-S310L-LW | 900 | 3 | 710 | 980 | 1.75 | 77 | 9750 | 27 | 58 | 104 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 915 | 382 | 108 |
| | DUC-S314L-SW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18660 | 35 | 60 | 99 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1020 | 334 | 96 |
| | DUC-S314L-MW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18150 | 34 | 81 | 135 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1185 | 501 | 141 |
| | DUC-S314L-LW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 17640 | 33 | 98 | 166 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1350 | 668 | 192 |
| 10mm | DUC-S306F-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3990 | 19 | 11 | 21 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 368 | 45 | 21 |
| | DUC-S306F-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3900 | 18 | 14 | 27 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 413 | 66 | 32 |
| | DUC-S306F-LW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3780 | 17 | 17 | 34 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 458 | 90 | 42 |
| | DUC-S308F-SW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6300 | 25 | 17 | 34 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 495 | 72 | 30 |
| | DUC-S308F-MW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6060 | 24 | 23 | 42 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 555 | 108 | 45 |
| | DUC-S308F-LW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 5880 | 23 | 27 | 51 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 615 | 144 | 60 |
| | DUC-S310F-SW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10650 | 29 | 29 | 52 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 653 | 120 | 54 |
| | DUC-S310F-MW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10200 | 28 | 38 | 70 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 750 | 180 | 81 |
| | DUC-S310F-LW | 900 | 3 | 710 | 980 | 1.75 | 77 | 9750 | 27 | 46 | 83 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 840 | 237 | 108 |
| | DUC-S314F-SW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18660 | 35 | 48 | 79 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 945 | 210 | 96 |
| | DUC-S314F-MW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18150 | 34 | 65 | 108 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1103 | 312 | 141 |
| | DUC-S314F-LW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 17640 | 33 | 78 | 133 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1268 | 417 | 192 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-S306B-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3990 | 19 | 10 | 19 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 360 | 39 | 21 |
| | DUC-S306B-SW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3900 | 18 | 13 | 24 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 405 | 57 | 32 |
| | DUC-S306B-LW | 1340 | 3 | 450 | 610 | 1.15 | 67 | 3780 | 17 | 15 | 30 | 2300 | 780 | 820 | 640 | 753 | 255 | 125 | 450 | 78 | 42 |
| | DUC-S308B-SW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6300 | 25 | 15 | 30 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 480 | 60 | 30 |
| | DUC-S308B-MW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 6060 | 24 | 21 | 38 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 540 | 93 | 45 |
| | DUC-S308B-LW | 1340 | 3 | 500 | 780 | 1.35 | 68 | 5880 | 23 | 24 | 46 | 2900 | 895 | 850 | 840 | 753 | 255 | 125 | 600 | 123 | 60 |
| | DUC-S310B-SW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10650 | 29 | 26 | 47 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 645 | 102 | 54 |
| | DUC-S310B-MW | 900 | 3 | 710 | 980 | 1.75 | 77 | 10200 | 28 | 35 | 63 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 735 | 153 | 81 |
| | DUC-S310B-LW | 900 | 3 | 710 | 980 | 1.75 | 77 | 9750 | 27 | 42 | 75 | 3500 | 1190 | 860 | 1040 | 753 | 255 | 125 | 825 | 204 | 108 |
| | DUC-S314B-SW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18660 | 35 | 43 | 71 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 930 | 177 | 96 |
| | DUC-S314B-MW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 18150 | 34 | 58 | 97 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1080 | 267 | 141 |
| | DUC-S314B-LW | 860 | 3 | 910 | 1650 | 3.5 | 85 | 17640 | 33 | 71 | 120 | 4700 | 1390 | 890 | 1440 | 753 | 255 | 125 | 1245 | 354 | 192 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0˚C air on temperature. Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



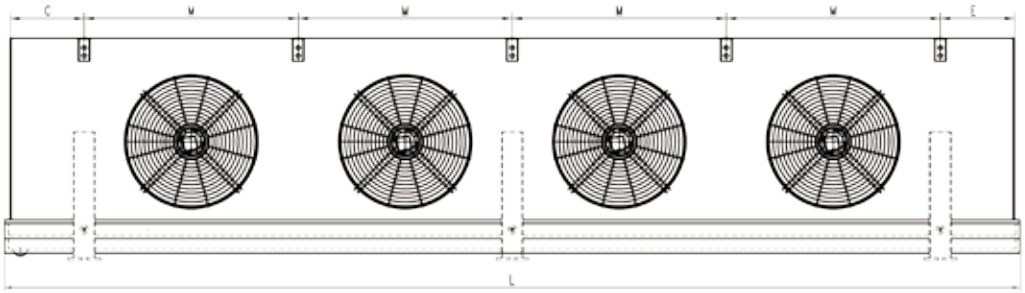



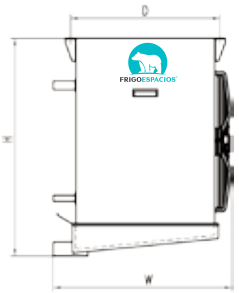
# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | DUC-S406M-SW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5320 | 19 | 33 | 33 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 520 | 96 | 28 |
| | DUC-S406M-MW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5180 | 18 | 44 | 44 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 580 | 144 | 42 |
| | DUC-S406M-LW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5040 | 17 | 52 | 52 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 640 | 192 | 56 |
| | DUC-S408M-SW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8400 | 25 | 28 | 53 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 700 | 152 | 40 |
| | DUC-S408M-MW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8080 | 24 | 38 | 71 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 780 | 228 | 60 |
| | DUC-S408M-LW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 7840 | 23 | 46 | 85 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 860 | 304 | 80 |
| | DUC-S410M-SW | 900 | 4 | 710 | 980 | 1.75 | 77 | 14200 | 29 | 47 | 83 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 900 | 255 | 68 |
| | DUC-S410M-MW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13600 | 28 | 64 | 111 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1060 | 383 | 104 |
| | DUC-S410M-LW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13440 | 27 | 77 | 135 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1220 | 510 | 136 |
| 8mm | DUC-S406L-SW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5320 | 19 | 33 | 33 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 520 | 96 | 28 |
| | DUC-S406L-MW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5180 | 18 | 44 | 44 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 580 | 144 | 42 |
| | DUC-S406L-LW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5040 | 17 | 42 | 52 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 640 | 192 | 56 |
| | DUC-S408L-SW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8400 | 25 | 28 | 53 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 700 | 152 | 40 |
| | DUC-S408L-MW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8080 | 24 | 38 | 71 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 780 | 228 | 60 |
| | DUC-S408L-LW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 7840 | 23 | 46 | 85 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 860 | 304 | 80 |
| | DUC-S410L-SW | 900 | 4 | 710 | 980 | 1.75 | 77 | 14200 | 29 | 47 | 83 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 900 | 255 | 68 |
| | DUC-S410L-MW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13600 | 28 | 64 | 111 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1060 | 383 | 104 |
| | DUC-S410L-LW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13440 | 27 | 77 | 135 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1220 | 510 | 136 |
| 10mm | DUC-S406F-SW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5320 | 19 | 26 | 26 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 490 | 60 | 28 |
| | DUC-S406F-MW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5180 | 18 | 35 | 35 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 550 | 88 | 42 |
| | DUC-S406F-LW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5040 | 17 | 42 | 42 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 610 | 120 | 56 |
| | DUC-S408F-SW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8400 | 25 | 22 | 42 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 660 | 96 | 40 |
| | DUC-S408F-MW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8080 | 24 | 30 | 57 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 740 | 144 | 60 |
| | DUC-S408F-LW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 7840 | 23 | 37 | 68 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 820 | 192 | 80 |
| | DUC-S410F-SW | 900 | 4 | 710 | 980 | 1.75 | 77 | 14200 | 29 | 38 | 66 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 870 | 160 | 68 |
| | DUC-S410F-MW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13600 | 28 | 51 | 89 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1000 | 240 | 104 |
| | DUC-S410F-LW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13440 | 27 | 62 | 108 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1120 | 316 | 136 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-S406B-SW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5320 | 19 | 24 | 24 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 480 | 52 | 28 |
| | DUC-S406B-MW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5180 | 18 | 32 | 32 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 540 | 76 | 42 |
| | DUC-S406B-LW | 1340 | 4 | 450 | 610 | 1.15 | 67 | 5040 | 17 | 37 | 37 | 2940 | 780 | 820 | 640 | 753 | 255 | 125 | 600 | 104 | 56 |
| | DUC-S408B-SW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8400 | 25 | 20 | 38 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 640 | 80 | 40 |
| | DUC-S408B-MW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 8080 | 24 | 27 | 51 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 720 | 124 | 60 |
| | DUC-S408B-LW | 1340 | 4 | 500 | 780 | 1.35 | 68 | 7840 | 23 | 33 | 61 | 3740 | 895 | 850 | 840 | 753 | 255 | 125 | 800 | 164 | 80 |
| | DUC-S410B-SW | 900 | 4 | 710 | 980 | 1.75 | 77 | 14200 | 29 | 34 | 60 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 860 | 136 | 68 |
| | DUC-S410B-MW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13600 | 28 | 46 | 80 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 980 | 204 | 104 |
| | DUC-S410B-LW | 900 | 4 | 710 | 980 | 1.75 | 77 | 13440 | 27 | 55 | 97 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1100 | 272 | 136 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0˚C air on temperature. Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



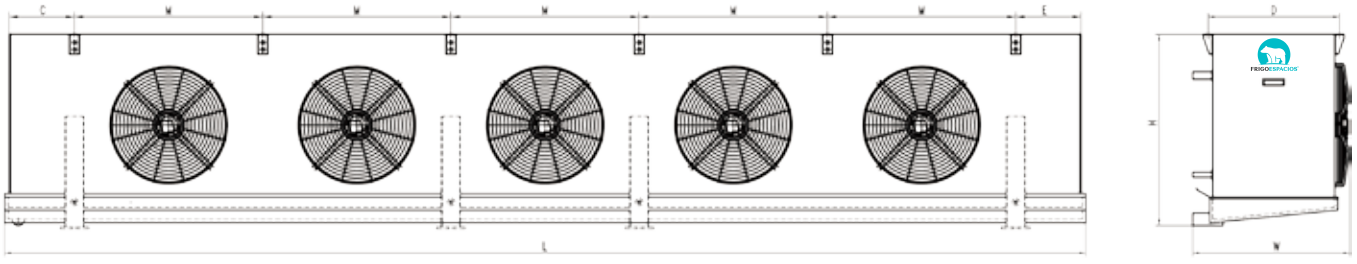



# Technology Parameter

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 6mm | DUC-S506M-SW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6650 | 19 | 22 | 39 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 650 | 119 | 35 |
| | DUC-S506M-MW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6500 | 18 | 30 | 53 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 725 | 180 | 53 |
| | DUC-S506M-LW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6300 | 17 | 36 | 64 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 800 | 239 | 70 |
| | DUC-S508M-SW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10500 | 25 | 36 | 65 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 875 | 191 | 50 |
| | DUC-S508M-MW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10100 | 24 | 48 | 88 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 975 | 287 | 75 |
| | DUC-S508M-LW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 9800 | 23 | 58 | 104 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1075 | 382 | 100 |
| | DUC-S510M-SW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17760 | 29 | 57 | 96 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1125 | 318 | 85 |
| | DUC-S510M-MW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17280 | 28 | 78 | 131 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1325 | 478 | 130 |
| | DUC-S510M-LW | 900 | 5 | 710 | 980 | 1.75 | 77 | 16800 | 27 | 95 | 161 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1525 | 637 | 170 |
| 8mm | DUC-S506L-SW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6650 | 19 | 22 | 39 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 650 | 119 | 35 |
| | DUC-S506L-MW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6500 | 18 | 30 | 53 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 725 | 180 | 53 |
| | DUC-S506L-LW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6300 | 17 | 36 | 64 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 800 | 239 | 70 |
| | DUC-S508L-SW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10500 | 25 | 36 | 65 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 875 | 191 | 50 |
| | DUC-S508L-MW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10100 | 24 | 48 | 88 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 975 | 287 | 75 |
| | DUC-S508L-LW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 9800 | 23 | 58 | 104 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1075 | 382 | 100 |
| | DUC-S510L-SW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17760 | 29 | 57 | 96 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1125 | 318 | 85 |
| | DUC-S510L-MW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17280 | 28 | 78 | 131 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1325 | 478 | 130 |
| | DUC-S510L-LW | 900 | 5 | 710 | 980 | 1.75 | 77 | 16800 | 27 | 95 | 161 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1525 | 637 | 170 |
| 10mm | DUC-S506F-SW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6650 | 19 | 18 | 31 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 613 | 75 | 35 |
| | DUC-S506F-MW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6500 | 18 | 24 | 42 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 688 | 110 | 53 |
| | DUC-S506F-LW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6300 | 17 | 29 | 51 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 763 | 150 | 70 |
| | DUC-S508F-SW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10500 | 25 | 29 | 52 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 825 | 120 | 50 |
| | DUC-S508F-MW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10100 | 24 | 38 | 70 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 925 | 180 | 75 |
| | DUC-S508F-LW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 9800 | 23 | 46 | 83 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1025 | 240 | 100 |
| | DUC-S510F-SW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17760 | 29 | 46 | 77 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1088 | 200 | 85 |
| | DUC-S510F-MW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17280 | 28 | 62 | 105 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1250 | 300 | 130 |
| | DUC-S510F-LW | 900 | 5 | 710 | 980 | 1.75 | 77 | 16800 | 27 | 76 | 129 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1400 | 395 | 170 |

| Fin Spacing | EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| 12mm | DUC-S506B-SW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6650 | 19 | 16 | 28 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 600 | 65 | 35 |
| | DUC-S506B-MW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6500 | 18 | 22 | 38 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 675 | 95 | 53 |
| | DUC-S506B-LW | 1340 | 5 | 450 | 610 | 1.15 | 67 | 6300 | 17 | 26 | 46 | 3580 | 780 | 820 | 640 | 753 | 255 | 125 | 750 | 130 | 70 |
| | DUC-S508B-SW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10500 | 25 | 26 | 47 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 800 | 100 | 50 |
| | DUC-S508B-MW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 10100 | 24 | 35 | 63 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 900 | 155 | 75 |
| | DUC-S508B-LW | 1340 | 5 | 500 | 780 | 1.35 | 68 | 9800 | 23 | 42 | 75 | 4580 | 895 | 850 | 840 | 753 | 255 | 125 | 1000 | 205 | 100 |
| | DUC-S510B-SW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17760 | 29 | 41 | 69 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1075 | 170 | 85 |
| | DUC-S510B-MW | 900 | 5 | 710 | 980 | 1.75 | 77 | 17280 | 28 | 56 | 94 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1225 | 255 | 130 |
| | DUC-S510B-LW | 900 | 5 | 710 | 980 | 1.75 | 77 | 16800 | 27 | 68 | 116 | 4610 | 1190 | 860 | 1040 | 753 | 255 | 125 | 1375 | 340 | 170 |

●These figures are provided as a guide only and may change without notice.Capacities are based on 0℃ air on temperature.
Correction factors may be used for different temperatures. Please advise operating conditions when ordering.



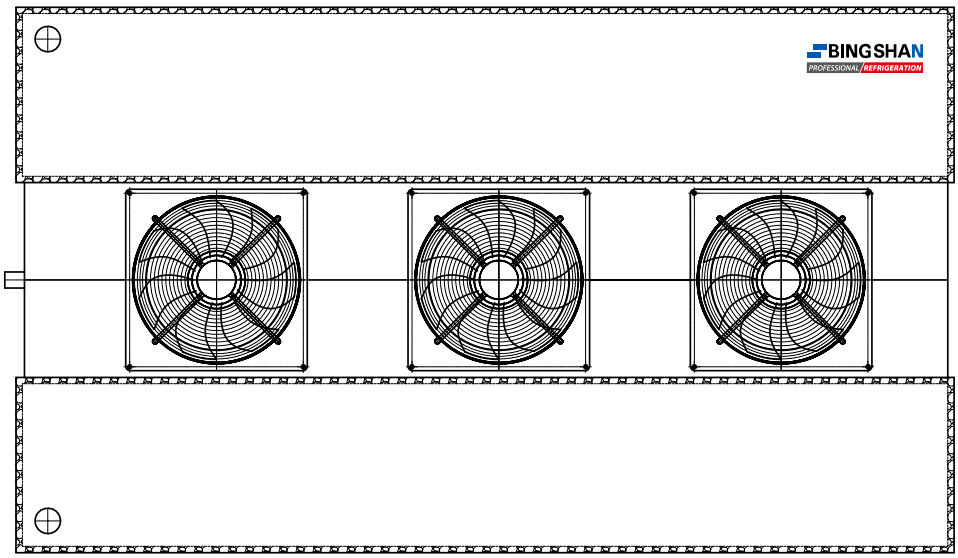
# DBU SERIES

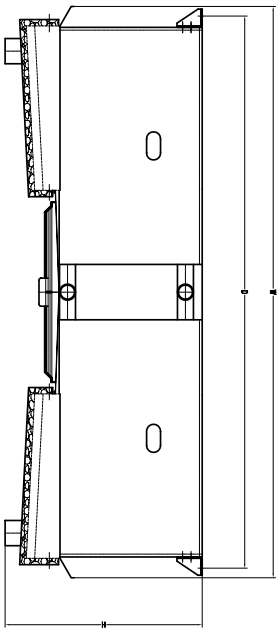
## Application Condition

# BI-FLOW TYPE AIR COOLERS

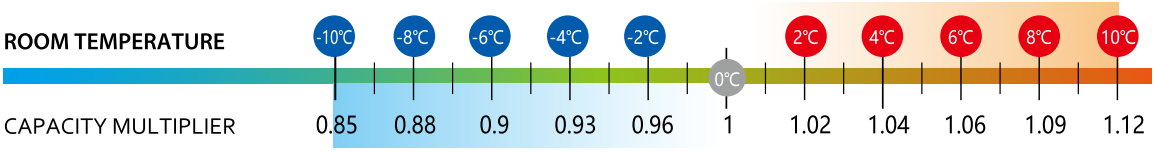
**Description:**

- low profile air cooler for working & loading areas, hallways and small cool rooms;
- 2-way horizontal air flow units with bottom air intake;
- low air velocity units with low noise and low power consumption fans;
- 2 speed fans (400V±10%,IP54) for even lower noise and power consumption, suitable for variable frequency drives;
- Coils are made of either Galvanised steel or Stainless/Aluminum(epoxy) for use with ammonia, freons and glycols;
- Fin spacing can be 10.0, 12.0 & 15.0mm;
- available defrost types are: air, hot gas and electric;
- casing is made of white powder coated metal sheets with option for stainless steel;
- drain tray is made of white powder coated galvabond sheet with option for double insulated tray;
- capacity rage from 6kW up to 123kW at 0℃ air on and -8℃ evaporating temperature;
- suitable for room temperature from -45℃ to +50℃



## Air On Correction Factors:



# DBU-G 2 10 L-L H 16

**INDUSTRIAL TYPE AIR COOLER FOR USE WITH AMMO-NIA, FREONS AND BRINES**

**NUMBER OF FANS**

**FIN SPACING**
M-6.0mm
L-8.0mm
F-10.0mm
B-12.0mm

**DEFROST TYPE**
A-AIR
H-HOT GAS
E-ELECTRIC

**COIL MATERIALS**
G-GALVANISED
S-STAINLESS/ALUMINUM

**SIZE OF FANS**
10-Ø500mm

**COIL DEPTH**
S-4 ROWS
M-6 ROWS
L-8 ROWS

**COIL CIRCUIT-ING**

# Technology Parameter

## G Galvanised Evaporators with 6.0 mm fin spacing

| EVAPORATOR MODEL | R717,D.X. CAPACITY(KW) | | R22,D.X. CAPACITY(KW) | | Net Mass (kg) |
|---|---|---|---|---|---|
| | @6K Temperature Difference | @10K Temperature Difference | @6K Temperature Difference | @10K Temperature Difference | |
| DBU-G110M-GA2 | 7 | 12 | 6 | 10 | 430 |
| | 6 | 10 | 5 | 9 | |
| DBU-G110M-MA4 | 9 | 16 | 8 | 14 | 540 |
| | 8 | 14 | 7 | 12 | |
| DBU-G110M-LA4 | 11 | 20 | 9 | 17 | 650 |
| | 9 | 17 | 8 | 15 | |
| DBU-G210M-GA4 | 13 | 23 | 11 | 20 | 840 |
| | 11 | 20 | 9 | 17 | |
| DBU-G210M-MA6 | 18 | 32 | 15 | 27 | 1050 |
| | 15 | 28 | 13 | 24 | |
| DBU-G210M-LA8 | 22 | 40 | 19 | 34 | 1250 |
| | 18 | 33 | 16 | 28 | |
| DBU-G310M-GA4 | 19 | 34 | 16 | 29 | 1260 |
| | 17 | 30 | 14 | 26 | |
| DBU-G310M-MA6 | 26 | 48 | 23 | 41 | 1570 |
| | 23 | 41 | 19 | 35 | |
| DBU-G310M-LA8 | 33 | 60 | 28 | 51 | 1840 |
| | 28 | 50 | 24 | 43 | |
| DBU-G410M-GA8 | 26 | 47 | 22 | 40 | 1650 |
| | 20 | 37 | 17 | 32 | |
| DBU-G410M-MA12 | 36 | 65 | 31 | 56 | 2000 |
| | 30 | 55 | 26 | 47 | |
| DBU-G410M-LA16 | 44 | 80 | 38 | 68 | 2350 |
| | 37 | 68 | 32 | 58 | |
| DBU-G510M-GA8 | 31 | 57 | 27 | 49 | 2040 |
| | 28 | 50 | 24 | 43 | |
| DBU-G510M-MA12 | 44 | 80 | 38 | 68 | 2470 |
| | 32 | 59 | 32 | 59 | |
| DBU-G510M-LA16 | 54 | 99 | 47 | 85 | 2940 |
| | 46 | 83 | 39 | 71 | |

●These figures are provided as a guide only and may changed without notice. Capacities are based on 0℃ air on temperature. Air throw shown for bi-flow units are for each side of the unit.

## S Stainless / Aluminium Evaporators with 6.0 mm fin spacing

| EVAPORATOR MODEL | R717,D.X. CAPACITY(KW) | | R22,D.X. CAPACITY(KW) | | Net Mass (kg) |
|---|---|---|---|---|---|
| | @6K Temperature Difference | @10K Temperature Difference | @6K Temperature Difference | @10K Temperature Difference | |
| DBU-S110M-SA2 | 7 | 14 | 6 | 11 | 320 |
| | 6 | 11 | 5 | 7 | |
| DBU-S110M-MA4 | 9 | 18 | 7 | 14 | 400 |
| | 8 | 15 | 6 | 11 | |
| DBU-S110M-LA4 | 12 | 22 | 9 | 17 | 480 |
| | 10 | 19 | 8 | 14 | |
| DBU-S210M-SA4 | 14 | 27 | 11 | 20 | 620 |
| | 13 | 24 | 10 | 18 | |
| DBU-S210M-MA6 | 19 | 36 | 15 | 27 | 780 |
| | 16 | 31 | 13 | 23 | |
| DBU-S210M-LA8 | 22 | 41 | 17 | 31 | 920 |
| | 18 | 35 | 14 | 26 | |
| DBU-S310M-SA4 | 21 | 40 | 17 | 30 | 930 |
| | 18 | 34 | 14 | 26 | |
| DBU-S310M-MA6 | 29 | 55 | 23 | 41 | 1170 |
| | 25 | 47 | 19 | 35 | |
| DBU-S310M-LA8 | 34 | 65 | 27 | 49 | 1360 |
| | 29 | 55 | 23 | 41 | |
| DBU-S410M-SA8 | 29 | 55 | 23 | 41 | 1220 |
| | 25 | 47 | 19 | 35 | |
| DBU-S410M-MA12 | 38 | 72 | 30 | 54 | 1480 |
| | 32 | 61 | 25 | 46 | |
| DBU-S410M-LA16 | 46 | 88 | 36 | 66 | 1740 |
| | 28 | 73 | 30 | 55 | |
| DBU-S510M-SA8 | 36 | 68 | 28 | 51 | 1520 |
| | 30 | 58 | 24 | 44 | |
| DBU-S510M-MA12 | 46 | 88 | 36 | 66 | 1840 |
| | 41 | 78 | 32 | 59 | |
| DBU-S510M-LA16 | 55 | 105 | 43 | 79 | 2180 |
| | 49 | 94 | 39 | 71 | |

●These figures are provided as a guide only and may changed without notice. Capacities are based on 0℃ air on temperature. Air throw shown for bi-flow units are for each side of the unit.

FRIGOESPACIOS®

## S Stainless steel / Aluminium Evaporators with 6.0 mm fin spacing, R717 Liquid Recirculation, 2 speed fans

| EVAPORATOR MODEL | NOMINAL FAN RATING(400V±10%/ 3 Ph / 50Hz) | | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | Net Mass (kg) | Heat Transter Area ($m^2$) | Internal Tube Volume (l) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | Estimated Fan Air Throw (m) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | M-bolting dimension | D-bolting dimension | E-return side cover | C-header side cover | | | |
| **DBU-S110M-SA2** | 1340 | 1 | 500 | 780 | 1.35 | 56 | 3200 | 17 | 8 | 15 | 1450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 320 | 64 | 17 |
| | 1000 | 1 | 500 | 550 | 0.94 | 50 | 2450 | 12 | 7 | 13 | | | | | | | | | | |
| **DBU-S110M-MA4** | 1340 | 1 | 500 | 780 | 1.35 | 56 | 3100 | 16 | 11 | 21 | 1450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 400 | 95 | 26 |
| | 1000 | 1 | 500 | 550 | 0.94 | 50 | 2300 | 11 | 9 | 19 | | | | | | | | | | |
| **DBU-S110M-LA4** | 1340 | 1 | 500 | 780 | 1.35 | 56 | 3000 | 15 | 14 | 26 | 1450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 480 | 128 | 34 |
| | 1000 | 1 | 500 | 550 | 0.94 | 50 | 2150 | 10 | 11 | 23 | | | | | | | | | | |
| **DBU-S210M-SA4** | 1340 | 2 | 500 | 780 | 1.35 | 59 | 6400 | 17 | 16 | 29 | 2450 | 520 | 1950 | 1440 | 1835 | 195 | 255 | 620 | 128 | 34 |
| | 1000 | 2 | 500 | 550 | 0.94 | 53 | 4900 | 12 | 14 | 26 | | | | | | | | | | |
| **DBU-S210M-MA6** | 1340 | 2 | 500 | 780 | 1.35 | 59 | 6200 | 16 | 22 | 42 | 2450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 780 | 190 | 52 |
| | 1000 | 2 | 500 | 550 | 0.94 | 53 | 4600 | 11 | 18 | 38 | | | | | | | | | | |
| **DBU-S210M-LA8** | 1340 | 2 | 500 | 780 | 1.35 | 59 | 6000 | 15 | 28 | 51 | 2450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 920 | 256 | 68 |
| | 1000 | 2 | 500 | 550 | 0.94 | 53 | 4300 | 10 | 22 | 45 | | | | | | | | | | |
| **DBU-S310M-SA4** | 1340 | 3 | 500 | 780 | 1.35 | 60 | 9600 | 17 | 24 | 45 | 3450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 930 | 192 | 51 |
| | 1000 | 3 | 500 | 550 | 0.94 | 54 | 7350 | 12 | 21 | 39 | | | | | | | | | | |
| **DBU-S310M-MA6** | 1340 | 3 | 500 | 780 | 1.35 | 60 | 9300 | 16 | 33 | 63 | 3450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 1170 | 285 | 78 |
| | 1000 | 3 | 500 | 550 | 0.94 | 54 | 6900 | 11 | 27 | 57 | | | | | | | | | | |
| **DBU-S310M-LA8** | 1340 | 3 | 500 | 780 | 1.35 | 60 | 9000 | 15 | 42 | 78 | 3450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 1360 | 384 | 102 |
| | 1000 | 3 | 500 | 550 | 0.94 | 54 | 6450 | 10 | 33 | 69 | | | | | | | | | | |
| **DBU-S410M-SA8** | 1340 | 4 | 500 | 780 | 1.35 | 61 | 12800 | 17 | 32 | 58 | 4450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 1220 | 256 | 68 |
| | 1000 | 4 | 500 | 550 | 0.94 | 54 | 9800 | 12 | 28 | 52 | | | | | | | | | | |
| **DBU-S410M-MA12** | 1340 | 4 | 500 | 780 | 1.35 | 61 | 12400 | 16 | 44 | 84 | 4450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 1480 | 380 | 104 |
| | 1000 | 4 | 500 | 550 | 0.94 | 54 | 9200 | 11 | 36 | 76 | | | | | | | | | | |
| **DBU-S410M-LA16** | 1340 | 4 | 500 | 780 | 1.35 | 61 | 12000 | 15 | 56 | 102 | 4450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 1740 | 512 | 136 |
| | 1000 | 4 | 500 | 550 | 0.94 | 54 | 8600 | 10 | 44 | 90 | | | | | | | | | | |
| **DBU-S510M-SA8** | 1340 | 5 | 500 | 780 | 1.35 | 62 | 16000 | 17 | 40 | 75 | 5450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 1520 | 320 | 85 |
| | 1000 | 5 | 500 | 550 | 0.94 | 55 | 12250 | 12 | 35 | 65 | | | | | | | | | | |
| **DBU-S510M-MA12** | 1340 | 5 | 500 | 780 | 1.35 | 62 | 15500 | 16 | 55 | 105 | 5450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 1840 | 475 | 130 |
| | 1000 | 5 | 500 | 550 | 0.94 | 55 | 11500 | 11 | 45 | 95 | | | | | | | | | | |
| **DBU-S510M-LA16** | 1340 | 5 | 500 | 780 | 1.35 | 62 | 15000 | 15 | 70 | 130 | 5450 | 520 | 1950 | 1040 | 1835 | 195 | 255 | 2180 | 640 | 170 |
| | 1000 | 5 | 500 | 550 | 0.94 | 55 | 10750 | 10 | 55 | 115 | | | | | | | | | | |

●These figures are provided as a guide only and may changed without notice. Capacities are based on 0˚C air on temperature.
Air throw shown for bi-flow units are for each side of the unit.

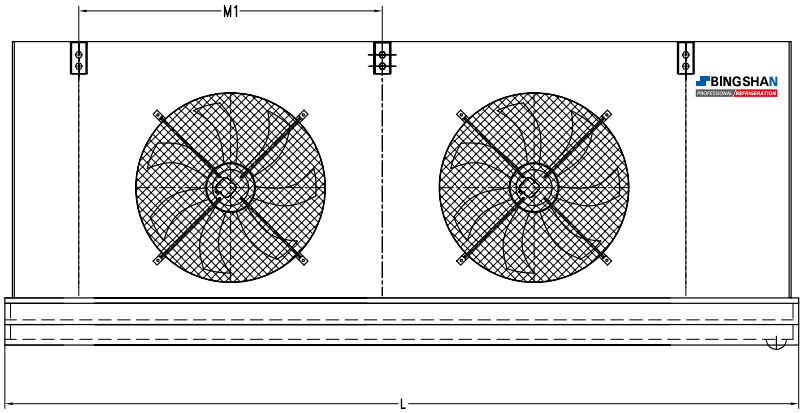
# K SERIES

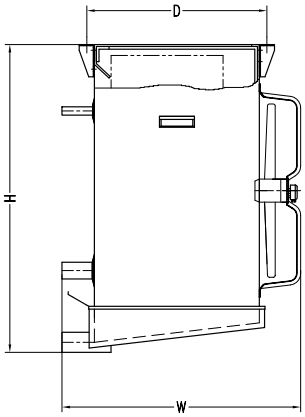

## Application Condition

# K-TYPE HEAVY DUTY FREON AIR COOLERS

**Description:**

- K-type is heavy Duty Copper/Aluminum(epoxy) evaporator for use with freon or brine;
- These units are designed for storage and processing of meat, seafood, fruit, vegetables, dairy and other product;
- Induced draught units with 2 speed fans (400V±10%,IP54) for greater control of ambient and lower noise and lower power consumption;
- Epoxy coated aluminum fins with spacing of 5.8mm (as per Tables) and 4.5mm;
- Units are suitable for refrigerant temperature range of +10 to -38℃.
- Defrost can be Air or Electric on all models;
- Casing is made of white powder coated metal sheets with option for stainless steel;
- Units are mounted to ceiling with horizontal air flow.




## CORRECTION FACTORS FOR CAPACITY:

**EVAPORATING TEMP**

| | -10°C | -8°C | -6°C | -4°C | -2°C | 0°C | 2°C | 4°C | 6°C | 8°C |
|---|---|---|---|---|---|---|---|---|---|---|
| CAPACITY MULTIPLIER | 0.9 | 0.92 | 0.94 | 0.96 | 1 | 1.02 | 1.04 | 1.06 | 1.08 | 1.1 |

For use with table with -4°C evaporating temperature

**EVAPORATING TEMP**

| | -32°C | -30°C | -28°C | -26°C | -24°C | -22°C | -20°C | -18°C | -16°C |
|---|---|---|---|---|---|---|---|---|---|
| CAPACITY MULTIPLIER | 0.86 | 0.89 | 0.92 | 0.96 | 1 | 1.02 | 1.05 | 1.08 | 1.12 |

For use with table with -24°C evaporating temperature

**REFRIGERANT**

| | R22 | R134A | R404A | R407C |
|---|---|---|---|---|
| CAPACITY MULTIPLIER | 1 | 0.89 | 1.03 | 0.89 |

NOTE:Capacity mulitiplier of 1.2 should be used for fin spacing of 4.5mm

# K - 2 06ME – 4 A

**K TYPE AIR COOLER FOR FREONS AND BRINES**

**NUMBER OF FANS**

**FIN SPACING**
ME-5.8mm

**DEFROST TYPE**
A-AIR
E-ELECTRIC

**COIL DEPTH**
06-6 ROWS
08-8 ROWS

**COIL CIRCUIT-ING**

# Technology Parameter

## A Copper / Aluminium Evaporators with 5.8 mm fin spacing, Freon R22 D.X., 2 speed fans, at -4℃ Evaportaing Temperature, Air Defrost

| EVAPORATOR MODEL | FAN RATING (400V / . Ph / 50Hz) | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | | Net Mass (kg) | Heat Transfer Area ($m^2$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | D-bolting dimension | M1-bolting dimension | M2-bolting dimension | Ø inlet | Ø outlet | | |
| K-106ME-2A | 900 | 1 | 500 | 780 | 1.35 | 56 | 2260 | 6.0 | 13.8 | 1310 | 860 | 665 | 510 | 990 | - | 15.87 | 22.2 | 120 | 44 |
| | 640 | 1 | 500 | 550 | 0.94 | 49 | 1740 | 5.3 | 12.0 | | | | | | | | | | |
| K-108ME-4A | 900 | 1 | 500 | 780 | 1.35 | 56 | 2150 | 7.0 | 16.3 | 1310 | 860 | 665 | 510 | 990 | - | 15.87 | 22.2 | 140 | 58 |
| | 640 | 1 | 500 | 550 | 0.94 | 49 | 1640 | 6.2 | 14.1 | | | | | | | | | | |
| K-206ME-2A | 900 | 2 | 500 | 780 | 1.35 | 56 | 4520 | 12.1 | 27.4 | 2260 | 860 | 665 | 510 | 1940 | - | 19.05 | 28.6 | 220 | 88 |
| | 640 | 2 | 500 | 550 | 0.94 | 49 | 3480 | 10.7 | 24.2 | | | | | | | | | | |
| K-208ME-4A | 900 | 2 | 500 | 780 | 1.35 | 56 | 4300 | 13.9 | 33.1 | 2260 | 860 | 665 | 510 | 1940 | - | 19.05 | 28.6 | 260 | 116 |
| | 640 | 2 | 500 | 550 | 0.94 | 49 | 3280 | 12.3 | 29.3 | | | | | | | | | | |
| K-306ME-4A | 900 | 3 | 500 | 780 | 1.35 | 56 | 6780 | 17.5 | 41.0 | 3210 | 860 | 665 | 510 | 990 | 1900 | 19.05 | 34.9 | 310 | 131 |
| | 640 | 3 | 500 | 550 | 0.94 | 49 | 5220 | 15.5 | 36.3 | | | | | | | | | | |
| K-308ME-5A | 900 | 3 | 500 | 780 | 1.35 | 56 | 6450 | 21.9 | 48.1 | 3210 | 860 | 665 | 510 | 990 | 1900 | 19.05 | 34.9 | 370 | 174 |
| | 640 | 3 | 500 | 550 | 0.94 | 49 | 4920 | 19.4 | 42.6 | | | | | | | | | | |
| K-406ME-10A | 900 | 4 | 500 | 780 | 1.35 | 56 | 9040 | 24.3 | 54.9 | 4160 | 860 | 665 | 510 | 1940 | 1900 | 22.2 | 34.9 | 400 | 174 |
| | 640 | 4 | 500 | 550 | 0.94 | 49 | 6960 | 21.5 | 48.6 | | | | | | | | | | |
| K-408ME-10A | 900 | 4 | 500 | 780 | 1.35 | 56 | 8600 | 29.1 | 67.9 | 4160 | 860 | 665 | 510 | 1940 | 1900 | 22.2 | 34.9 | 480 | 232 |
| | 640 | 4 | 500 | 550 | 0.94 | 49 | 6560 | 25.8 | 60.1 | | | | | | | | | | |
| K-506ME-20A | 900 | 5 | 500 | 780 | 1.35 | 56 | 11300 | 30.1 | 69.1 | 5110 | 860 | 665 | 510 | 1940 | 1900 | 22.2 | 41.3 | 490 | 218 |
| | 640 | 5 | 500 | 550 | 0.94 | 49 | 8700 | 26.6 | 61.2 | | | | | | | | | | |
| K-508ME-20A | 900 | 5 | 500 | 780 | 1.35 | 56 | 10750 | 34.8 | 81.3 | 5110 | 860 | 665 | 510 | 1940 | 1900 | 22.2 | 41.3 | 590 | 291 |
| | 640 | 5 | 500 | 550 | 0.94 | 49 | 8200 | 30.9 | 72.0 | | | | | | | | | | |

●These figures are provided as a guide only and may changed without notice.Capacities are based on 0℃ air on temperature. Air throw shown for bi-flow units are for each side of the unit.

# Technology Parameter

## Copper / Aluminium Evaporators with 5.8 mm fin spacing, Freon R22 D.X., 2 speed fans, at -24℃ Evaportaing Temperature, Air Defrost

| EVAPORATOR MODEL | FAN RATING (400V / 3 Ph / 50Hz ) | | | | | | | CAPACITY(KW) | | DIMENSIONS(mm) | | | | | | | | Net Mass (kg) | Heat Transfer Area ($m^2$) | Electric Heaters in Coil [kW] | Electric Heaters in Tray [kW] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Fan Speed (rpm) | No.of Fans | FanØ (mm) | Motor Power each Fan(W) | Current Drawn each Fan (A) | Sound Pressure at 3m (Dba) | Evaporator Air Flow (l/s) | @ 6 K Temperature Difference | @ 10 K Temperature Difference | L-overall length | H-overall height | W-overall width | D-bolting dimension | M1-bolting dimension | M2-bolting dimension | Ø inlet | Ø outlet | | | | |
| **K-106ME-2E** | 900 | 1 | 500 | 780 | 1.35 | 56 | 2260 | 5.3 | 11.5 | 1310 | 860 | 665 | 510 | 990 | - | 15.87 | 22.2 | 120 | 44 | 5x | 1x |
| | 640 | 1 | 500 | 550 | 0.94 | 49 | 1740 | 4.6 | 9.9 | | | | | | | | | | | 1.2 | 1.2 |
| **K-108ME-4E** | 900 | 1 | 500 | 780 | 1.35 | 56 | 2150 | 6.4 | 13.1 | 1310 | 860 | 665 | 510 | 990 | - | 15.87 | 22.2 | 140 | 58 | 5x | 1x |
| | 640 | 1 | 500 | 550 | 0.94 | 49 | 1640 | 5.5 | 11.3 | | | | | | | | | | | 1.2 | 1.2 |
| **K-206ME-2E** | 900 | 2 | 500 | 780 | 1.35 | 56 | 4520 | 9.6 | 22.9 | 2260 | 860 | 665 | 510 | 1940 | - | 19.05 | 28.6 | 220 | 88 | 5x | 1x |
| | 640 | 2 | 500 | 550 | 0.94 | 49 | 3480 | 8.3 | 19.7 | | | | | | | | | | | 2.4 | 2.4 |
| **K-208ME-4E** | 900 | 2 | 500 | 780 | 1.35 | 56 | 4300 | 11.7 | 26.3 | 2260 | 860 | 665 | 510 | 1940 | - | 19.05 | 28.6 | 260 | 116 | 5x | 1x |
| | 640 | 2 | 500 | 550 | 0.94 | 49 | 3280 | 10.1 | 22.6 | | | | | | | | | | | 2.4 | 2.4 |
| **K-306ME-4E** | 900 | 3 | 500 | 780 | 1.35 | 56 | 6780 | 16.2 | 34.4 | 3210 | 860 | 665 | 510 | 990 | 1900 | 19.05 | 34.9 | 310 | 131 | 5x | 1x |
| | 640 | 3 | 500 | 550 | 0.94 | 49 | 5220 | 13.9 | 29.6 | | | | | | | | | | | 3.6 | 3.6 |
| **K-308ME-5E** | 900 | 3 | 500 | 780 | 1.35 | 56 | 6450 | 18.9 | 42.1 | 3210 | 860 | 665 | 510 | 990 | 1900 | 19.05 | 34.9 | 370 | 174 | 5x | 1x |
| | 640 | 3 | 500 | 550 | 0.94 | 49 | 4920 | 16.3 | 36.2 | | | | | | | | | | | 3.6 | 3.6 |
| **K-406ME-10E** | 900 | 4 | 500 | 780 | 1.35 | 56 | 9040 | 20.6 | 45.8 | 4160 | 860 | 665 | 510 | 1940 | 1900 | 22.2 | 34.9 | 400 | 174 | 5x | 1x |
| | 640 | 4 | 500 | 550 | 0.94 | 49 | 6960 | 17.7 | 39.4 | | | | | | | | | | | 4.8 | 4.8 |
| **K-408ME-10E** | 900 | 4 | 500 | 780 | 1.35 | 56 | 8600 | 23.3 | 53.8 | 4160 | 860 | 665 | 510 | 1940 | 1900 | 22.2 | 34.9 | 480 | 232 | 5x | 1x |
| | 640 | 4 | 500 | 550 | 0.94 | 49 | 6560 | 20.0 | 46.3 | | | | | | | | | | | 4.8 | 4.8 |
| **K-506ME-20E** | 900 | 5 | 500 | 780 | 1.35 | 56 | 11300 | 26.6 | 55.3 | 5110 | 860 | 665 | 510 | 1940 | 1900 | 22.2 | 41.3 | 490 | 218 | 5x | 1x |
| | 640 | 5 | 500 | 550 | 0.94 | 49 | 8700 | 22.9 | 47.6 | | | | | | | | | | | 6.0 | 6.0 |
| **K-508ME-20E** | 900 | 5 | 500 | 780 | 1.35 | 56 | 10750 | 33.0 | 62.6 | 5110 | 860 | 665 | 510 | 1940 | 1900 | 22.2 | 41.3 | 590 | 291 | 5x | 1x |
| | 640 | 5 | 500 | 550 | 0.94 | 49 | 8200 | 28.4 | 53.8 | | | | | | | | | | | 6.0 | 6.0 |

●These figures are provided as a guide only and may changed without notice.Capacities are based on 0℃ air on temperature. Air throw shown for bi-flow units are for each side of the unit.

# Produce Cooler Specifications

冷却器产品技术参数

Coil circuitry

Circuitry is available for liquid recirculation, flooded, direct expansion and secondary refrigerants(brine, water, CO2, etc.) systems where a liquid header is with orifice plates.

Casing and drain tray

As standard, the produce cooler is supplied with chalk powder-coated fan, coil casing and drain tray. End covers are easily removable for maintenance.

Fan s

As standard, two speed axial fans(ZHIEL-ABBEGG, FE2OWLET) are fitted to assure low noise and to maximize performance and reliability of the produce cooler. Variable speed drives may also be supplied to further enhance efficiency.

Defrost

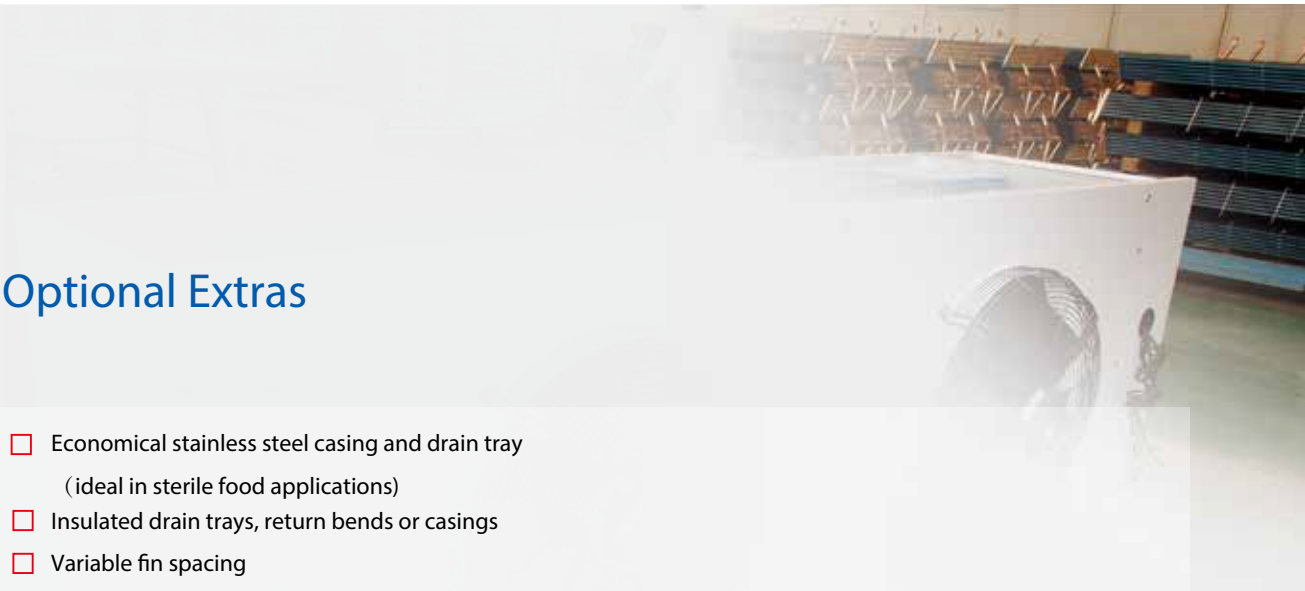
Air, water, hot gas and electric defrost optionsare available with optional heating provided in drain tray for low temperature applications. A combination of these two is very common.

Refrigerants

Coolers are suitable for ammonia and most Freon refrigerants, water, brines, glycol and organic refrigerants, etc.

Mounting

Ceiling brackets and floor mount legs come as standard. Mounts are easy to remove if not required.



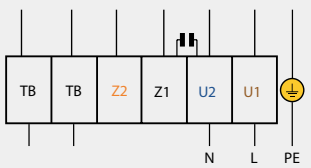
# Optional Extras

- ☐ Economical stainless steel casing and drain tray (ideal in sterile food applications)
- ☐ Insulated drain trays, return bends or casings
- ☐ Variable fin spacing
- ☐ Front, end or rear refrigeration connections
- ☐ Left or right hard connections
- ☐ Custom built produce coolers for special applications
- ☐ Bare coil blocks
- ☐ Alcove units

Wiring diagram fans for blow-through air coolers

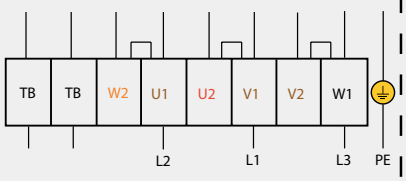
Ziehl Abegg 1x230V -50Hz (104XB)

U1 =bruin
U2 =blauw
Z1 =zwart
Z2 =oranj e
TB =wit



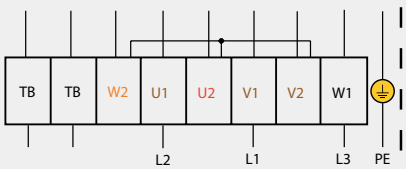

Ziehl Abegg 3x400V ( Δ)-50Hz (108XB)

U1 =bruin
V1 =blauw
W1=zwart
U2 =rood
V2 =grij s
W2=oranj e
TB =wit




Ziehl Abegg 3x400V ( Y)-50Hz (108XB)

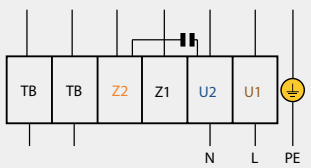
U1 =bruin
V1 =blauw
W1=zwart
U2 =rood
V2 =grij s
W2=oranj e
TB =wit




Wiring diagram fans for draw-through air coolers

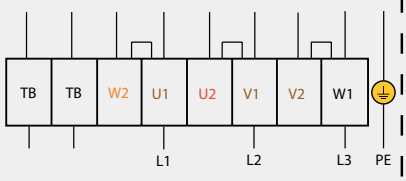
Ziehl Abegg 1x230V -50Hz (104XA)

U1 =bruin
U2 =blauw
Z1 =zwart
Z2 =oranj e
TB =wit



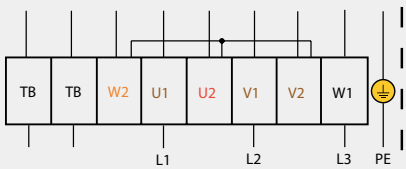

Ziehl Abegg 3x400V ( Δ)-50Hz (108XA)

U1 =bruin
V1 =blauw
W1=zwart
U2 =rood
V2 =grij s
W2=oranj e
TB =wit




Ziehl Abegg 3x400V ( Y)-50Hz (108XA)

U1 =bruin
V1 =blauw
W1=zwart
U2 =rood
V2 =grij s
W2=oranj e
TB =wit



Innovate Thermal Technology And
Dedicate To Human Beings And Earth

FRIGOESPACIOS®

(+52) 33 3494 6399

lceballos@frigoespacios.com

FRIGOESPACIOS.COM