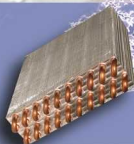
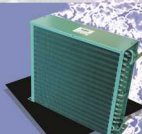
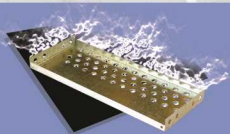


MEHRASL

MANUFACTURING CORPORATION

Coil Heat-Exchangers



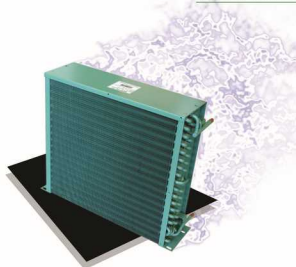
CHE-9402

توجه: این مجلد برای اطلاعات عمومی کار بر می‌باشد و استفاده غیر مجاز و نقل کلیه مطالب این مجلد بدون اخذ مجوز کتبی از شرکت مهر اصل غیر قانونی است. مشخصات فنی بدون اطلاع قبلی قابل تغییر هستند و در موارد قرارداد می‌بایستی برای هر موردی تاییده کتبی از مهر اصل اخذ شود.

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MEHRASL

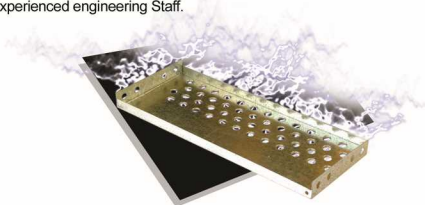
MANUFACTURING CORPORATION



MEHRASL Manufacturing Corp is one of the largest "Heat Exchangers" producers in Middle East and Iran.

Our company have the capacity to supply whole region with "Heat Exchanger" products, due to its modern high capacity machinery and experienced engineering Staff.

کارخانجات تولیدی مهر اصل در حال حاضر یکی از بزرگترین تولید کنندگان میدل های حرارتی از نوع فین و کوئل در خاورمیانه و بزرگترین تولید کننده این محصولات در ایران میباشد و می تواند با ظرفیت دستگاههای موجود و پیشرفته و مدرن خود نسبت به تامین تمامی نیاز داخلی و همچنین بخشی از نیازهای منطقه ای و صادراتی این محصولات اقدام نماید.



MEHRASL also produces various kind of Coils and Finned Sheets for "Air-Conditioning and Refrigeration industries.

کوئل های تولیدی این شرکت در تمامی موارد مربوط به کوئل های مورد نیاز در صنایع تهویه مطبوع و همچنین در صنایع تبرید صنعتی مورد استفاده قرار می گردد.



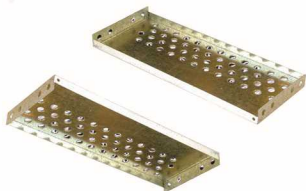
GENERAL SPECIFICATIONS:

A) Finned Sheets :

Finned Sheets are made of Aluminum foils in different thickness * (0.01 to 0.3mm).

"Rows spacing" , "Fin Spacing" , "Fin Surfaces" and "Fin Arrangements" and "Numbers of rows" are mentioned in tables for each product.

*Copper Finned Sheets are also available upon order.



B)End Plates:

The End Plates are made of Aluminum or Galvanized metal sheets using the latest modern CNC machineries.

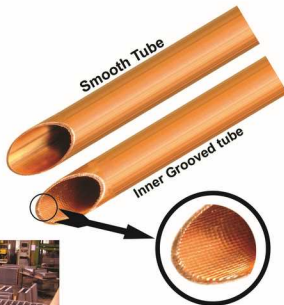
Customized sheets with Copper , Brass or Stainless steel are also available upon order.

C) Tubes:

Copper tubes are used in constructing of Heat Exchangers. There is no limitation of length of tubes up to 12 meters.

Upon order, Smooth or Inner grooved tubes can be used.*

* For "Tubes thickness" and heater holes availability" Please refer to specific table for each model.



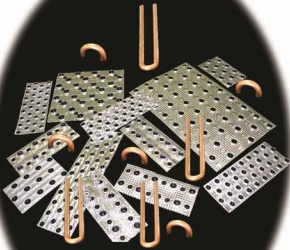
D) " U " bends and " U " Copper joints :

MEHRASL is the main producer of these products in Iran .
Diffrent shapes and sizes can be made upon order.



E) Expansion process:

Expansion process is done by modern CNC expander machineries.



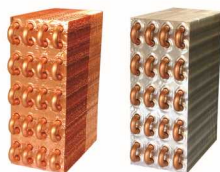
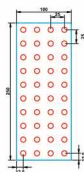
F) Testing :

In order to test the final product, They are dipped inside specide special warm water tanks, and examined under 30 Bar pressure nitrogen for certain period of tims, Final inspection and Quality control will be done before shipment.



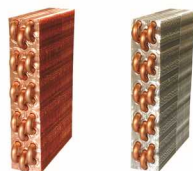
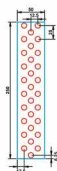
FIN TYPE (1)

Tubes spacing x rows spacing	25 x 25 mm
Tube outside diameter	(3/8") 9.52 mm
Fin spacing min./max.	1.8...5 mm
Fin surface	Flat
Material	copper or aluminum
Fin thickness	0.1~ 0.2 mm
Number of rows min./max.	1-12
Fin arrangement	inline
Heater holes	available 25 x 12.5



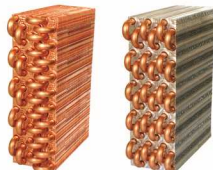
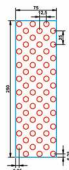
FIN TYPE (2)

Tubes spacing x rows spacing	25 x 12.5 mm
Tube outside diameter	(3/8") 9.52 mm
Fin spacing min./max.	1.8...3.2 mm
Fin surface	Flat
Material	copper or aluminum
Fin thickness	0.1~ 0.2 mm
Number of rows min./max.	3
Fin arrangement	staggered
Heater holes	not available



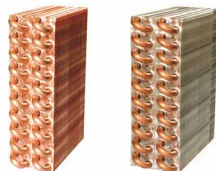
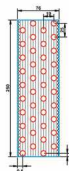
FIN TYPE (3)

Tubes spacing x rows spacing	25 x 12.5 mm
Tube outside diameter	(3/8") 9.52 mm
Fin spacing min./max.	1.8...3.2 mm
Fin surface	Flat
Material	copper or aluminum
Fin thickness	0.1~ 0.2 mm
Number of rows min./max.	2 - 4 - 6 - 8 - 10 - 12
Fin arrangement	staggered
Heater holes	not available



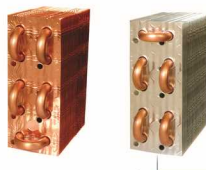
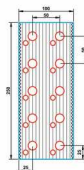
FIN TYPE (4)

Tubes spacing x rows spacing	25 x 19 mm
Tube outside diameter	(3/8") 9.52 mm
Fin spacing min./max.	1.8...4.2 mm
Fin surface	waffle
Material	copper or aluminum
Fin thickness	0.1~ 0.2 mm
Number of rows min./max.	1 - 24
Fin arrangement	staggered
Heater holes	not available



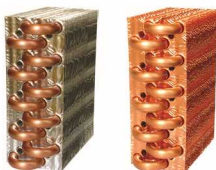
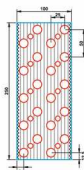
FIN TYPE (5)

Tubes spacing x rows spacing	50 x 50 mm
Tube outside diameter	(5/8") 15.875 mm
Fin spacing min./max.	1.8...6.5 mm
Fin surface	Wave
Material	copper or aluminum
Fin thickness	0.1~ 0.2 mm
Number of rows min./max.	1 - 6
Fin arrangement	inline
Heater holes	available



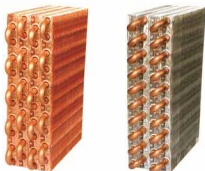
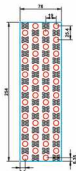
FIN TYPE (6)

Tubes spacing x rows spacing	50 x 25 mm
Tube outside diameter	(5/8") 15.875 mm
Fin spacing min./max.	1.8...4 mm
Fin surface	Wave
Material	copper or aluminum
Fin thickness	0.1~ 0.2 mm
Number of rows min./max.	1 - 12
Fin arrangement	staggered
Heater holes	available



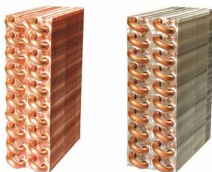
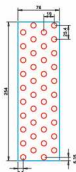
FIN TYPE (7)

Tubes spacing x rows spacing	25.4 x 19 mm
Tube outside diameter	(3/8") 9.52 mm
Fin spacing min./max.	1.8...4.2 mm
Fin surface	Slit
Material	copper or aluminum
Fin thickness	0.1~ 0.2 mm
Number of rows min./max.	1 - 12
Fin arrangement	staggered
Heater holes	not available



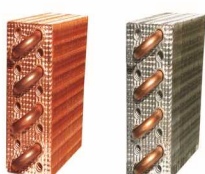
FIN TYPE (8)

Tubes spacing x rows spacing	25.4 x 19 mm
Tube outside diameter	(3/8") 9.52 mm
Fin spacing min./max.	1.8...4.2 mm
Fin surface	Waffle
Material	copper or aluminum
Fin thickness	0.1~ 0.2 mm
Number of rows min./max.	1 - 12
Fin arrangement	staggered
Heater holes	not available



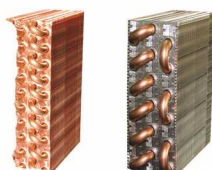
FIN TYPE (9)

Tubes spacing x rows spacing	41.6 * 36 mm
Tube outside diameter	(1/2") 12.7 mm
Fin spacing min./max.	6 ... 9.5 mm
Fin surface	wave
Material	copper or aluminum
Fin thickness	0.3 mm
Number of rows min./max.	1 - 6
Fin arrangement	Staggered
Heater holes	available



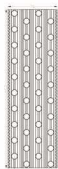
FIN TYPE (10)

Tubes spacing x rows spacing	25 * 19 mm
Tube outside diameter	(3/8") 9.52 mm
Fin spacing min./max.	1.8 ... 4.1 mm
Fin surface	Slit
Material	copper or aluminum
Fin thickness	0.1~ 0.15 mm
Number of rows min./max.	1 - 12
Fin arrangement	staggered
Heater holes	not available



FIN TYPE (11)

Tubes spacing x rows spacing	25 * 19 mm
Tube outside diameter	(3/8") 9.52 mm
Fin spacing min./max.	1.8 ... 4.1 mm
Fin surface	Wave
Material	copper or aluminum
Fin thickness	0.1~ 0.15 mm
Number of rows min./max.	1 - 12
Fin arrangement	staggered
Heater holes	not available



FIN TYPE (12)

Tubes spacing x rows spacing	31.75 * 27.5 mm
Tube outside diameter	(1/2") 12.7 mm
Fin spacing min./max.	1.8 ... 4.3 mm
Fin surface	Slit
Material	copper or aluminum
Fin thickness	0.1~ 0.15 mm
Number of rows min./max.	1 - 6
Fin arrangement	Staggered
Heater holes	not available



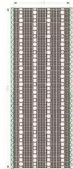
FIN TYPE (13)

Tubes spacing x rows spacing	31.75 * 27.5 mm
Tube outside diameter	(1/2") 12.7 mm
Fin spacing min./max.	1.8 ... 4.3 mm
Fin surface	wave
Material	copper or aluminum
Fin thickness	0.1~ 0.15 mm
Number of rows min./max.	1 - 6
Fin arrangement	staggered
Heater holes	not available



FIN TYPE (14)

Tubes spacing x rows spacing	41.6 * 36 mm
Tube outside diameter	(1/2") 12.7 mm
Fin spacing min./max.	2.5 ... 5 mm
Fin surface	Square
Material	copper or aluminum
Fin thickness	0.15 mm
Number of rows min./max.	1 - 6
Fin arrangement	staggered
Heater holes	available





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این قسمت را با بار کدخوان موبایل اسکن کنید!



MEHRASL

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