

The water coils can be manufactured in any dimension and capacity with respect to customer needs. With design, material and workmanship qualities, high capacity Karyer coils fulfill plants' needs for many years. Coils are designed by analyzing water, air and pressure drops; air velocity; sound levels and other similar factors.

Configuration for Water coils :

Capacities of our heating and cooling coils are certified by ARI Certification body for the following coil patterns: 1022-1, 1228, 1235-1, 1630 and 1635; also certified by EUROVENT Certification body for the following coil patterns: 1022-1, 1228, 1235-1 and 1635

In water coils, preferred tube diameters are 3/8"x0,35mm, 1/2"x0,35mm and 5/8"x0,40mm. The dies are as following:

For 3/8" tube diameter: 25,00x21,65 mm, 25,40x22,00 mm and 30,00x26,00 mm,

For 1/2" tube diameter: 31,75 x 27,50mm and 40,00x34,64 mm,

For 5/8" tube diameter: 40,00x34,64 mm and 50,00x50,00 mm and 60,00x30,00 mm,

The tube thickness can be used also thicker than the standard as 0,40 and 0,50 mm,

Capacities of our heating and cooling coils are certified by ARI Certification body for the following coil patterns: 1022-1, 1228, 1235-1 and 1635.

Configuration for Steam coils :

In steam coils, preferred tube diameters are 1/2" and 5/8". The dies are as following:

For 1/2" tube diameter: 31,75x27,50mm and 40,00x34,64 mm,

For 5/8" tube diameter: 40,00x34,64 mm, 50,00x50,00 mm and 60,00x30,00 mm.

In steam coils, thicker tubes (0,70 and 1 mm) are used which are resistant to high pressure.

- Aluminium fin : Fin thickness is 0,12mm. If requested, thicker fins as 0,15mm, 0,18mm and 0,20mm are available. Additionally, for corrosive environments, hydrophilic, hydrophobic, epoxy coated or copper fins can be used.
- Circuiting : Circuiting is considered and determined in accordance with the pressure drop and the capacity change and it is designed to provide appropriate drain capability.
- Rows : Number of the tubes along the rows direction is decided according to the capacity needs or to the special requirements of customers.
- End Plates : Galvanized steel or upon request aluminum sheets are used.
- Headers : Steel tubes (standard) or upon request copper tubes are used. Brass fittings can be added on the copper tubes. Drain and vents are available on all of our coils.

K-06.2/8.Rev4-0210

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BATARYA BİLGİLERİ / COIL DATA / WÄRMETAUSCHER DATEN (Dampf)

- Kapasite / Capacity / Leistung : _____
- Hava Debisi / Air Flow Rate / Luftmenge : _____
- Hava Giriş Sıcaklığı ve Nemi / Inlet Air Temperature and RH / Lufteintrittstemperatur : _____
- Hava Çıkış Sıcaklığı / Outlet Air Temperature / Luftaustrittstemperatur : _____
- Sıvı Giriş Sıcaklığı / Inlet Fluid Temperature / Medium Eintrittstemperatur : _____
- Sıvı Çıkış Sıcaklığı / Outlet Fluid Temperature / Medium Austrittstemperatur : _____
- Hava Akış Yönü (resimlerde ok ile gösterilmiştir) / Air Flow Direction (shown with arrows on the drawings) / Luftrichtung (Auf den Zeichnungen mit Pfeil gekennzeichnet) : _____
- Tercih Edilen Hatve / Preferred Fin Spacing / Bevorzugter Lamellenabstand : _____
- Kalıp ve Boru Çapı Tercihi / Preferred Configuration and Tubes OD / Rohrgeometrie und Rohrdurchmesser : _____

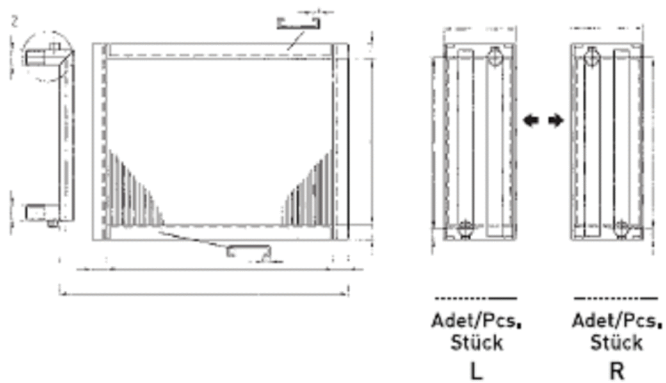
Batarya dış ısı genleşmelerden korunmalıdır./ Coil has to be protected from any thermal expansions.
Wärmetauscher sind gegen Expansion durch äußeren Wärmeeinfluss geschützt.

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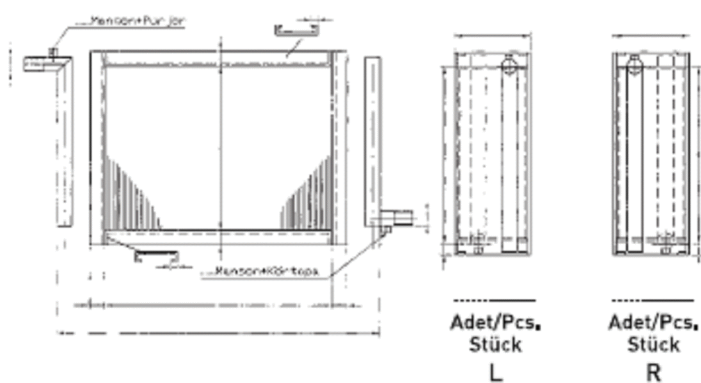
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Tip A / Type A / Typ A



Tip B / Type B / Typ B



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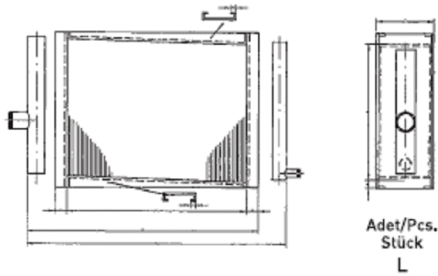
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BATARYA BİLGİLERİ / COIL DATA / WÄRMETAUSCHER DATEN (Dampf)

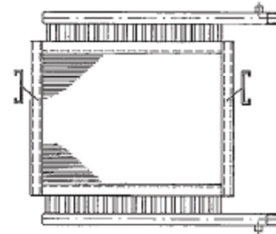
- Kapasite/Capacity/
Leistung : _____
- Hava Debisi/Air Flow Rate/
Luftmenge : _____
- Hava Giriş Sıcaklığı/Inlet Air Temperature/
Luft Eintrittstemperatur : _____
- Hava Çıkışı Sıcaklığı/Outlet Air Temperature/
Luft Austrittstemperatur : _____
- Buhar Giriş Sıcaklığı veya Basıncı/
Inlet Steam Temperature or pressure /
Dampf Eintrittstemperatur / Dampfdruck : _____
- Hava Akış Yönü/Air Flow Direction/
Lufrichtung (Auf den Zeichnungen mit Pfeil gekennzeichnet) : _____
- Tercih Edilen Kalıp/Preferred Configuration/
Bevorzugter Lamellenabstand : _____
- Tercih Edilen Hatve/Preferred Fin Spacing/
Rohrgeometrie und Rohrdurchmesser : _____

Tip A / Type A / Typ A

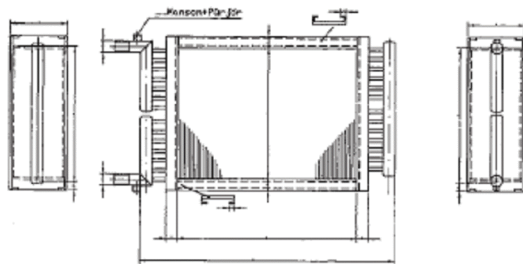
Tip A / Type A / Typ A



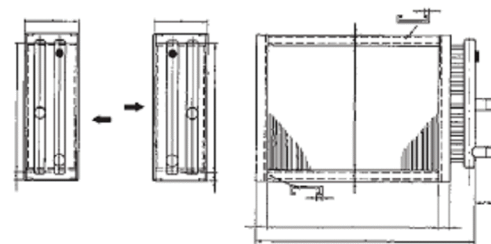
Tip C / Type C / Typ C



Tip B / Type B / Typ B



Tip D / Type D / Typ D



Convectors

Places which are heated from floor, between facade lining floors are examples of common operating areas for these units.

Types, in which air circulation is obtained by natural convection, have very low sound pressure levels.

Convectors can be manufactured in any dimension and capacity with respect to customer needs.



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Tip / Type / Typ	Karyer Model Modell	Isi Transfer Alanı Heat Transfer Area Wärmeübertragungsfläche	İç Hacim Internal Volume Innervolumen	Boyutlar / Dimensions Abmessungen		
				A	B	C
				mm		
BE	124-1000	2,54	0,54	50	85	1115
BE	134-1000	3,82	0,82	50	125	1115
BE	144-1000	5,09	1,09	50	165	1115
BE	214-1000	6,36	1,36	85	45	1115
BE	224-1000	7,63	1,63	85	85	1115
BE	234-1000	8,90	1,90	85	125	1115
BE	244-1000	10,18	2,17	85	165	1115
BE	314-1000	3,82	0,82	120	45	1115
BE	324-1000	5,72	1,22	120	85	1115
BE	334-1000	7,63	1,63	120	125	1115
BE	344-1000	9,48	1,90	120	165	1115
BE	414-1000	11,45	2,45	155	45	1115
BE	424-1000	13,29	2,72	155	85	1115
BE	434-1000	15,27	3,26	155	125	1115
BE	444-1000	5,09	1,09	155	165	1115
BE	126-1000	7,63	1,63	50	85	1115
BE	136-1000	10,18	2,17	50	125	1115
BE	146-1000	12,72	2,72	50	165	1115
BE	216-1000	15,27	3,26	85	45	1115
BE	226-1000	17,75	3,67	85	85	1115
BE	236-1000	20,35	4,35	85	125	1115
BE	246-1000	2,54	0,54	85	165	1115
BE	316-1000	3,82	0,82	120	45	1115
BE	326-1000	5,09	1,09	120	85	1115
BE	336-1000	6,36	1,36	120	125	1115
BE	346-1000	7,63	1,63	120	165	1115
BE	416-1000	8,90	1,90	155	45	1115
BE	426-1000	10,18	2,17	155	85	1115
BE	436-1000	3,82	0,82	155	125	1115
BE	446-1000	5,72	1,22	155	165	1115

BE 124-1000

Ürün Boyutlandırma Kodu

Product Dimension Code

Produkt Dimensionierungs Code

Lamel Aralığı (İsteğe göre değişebilir.)

Fin Spacing (can be modified upon request,)

Lamellenabstand (L= Kann auf, wunsch verändert werden.)

Lamel Boyu (L= İsteğe göre değişebilir.)

Fin length (L= can be modified upon request,)

Berippte Länge (L= Kann auf, wunsch verändert werden.)

