



EKİN ENDÜSTRİYEL

Seperators



Our Main Focus

Heat Transfer Section

- Plate Heat Exchangers
- Brazed Heat Exchangers
- Flat Access Stations
- Shell and Tube Heat Exchangers

Pressure Vessel Section

- Boilers
- Accumulation Tanks
- Stainless Process Tanks
- Expansion Tanks
- Balance Tanks
- Air Separators
- Sediment Blockers

Separator Vessels Section

- Balance Tanks
- Sediment Blockers
- Air Separators
- Package Sediment and Air Separators
- Package Balance Sediment and Air Separators

Hygienic Process Section

- Pasteurizers and Sterilizers
- CIP Systems and Tubular Heat Exchangers
- Complete Stainless Process Heat Exchangers
- Hygienic Pumps
- Aseptic Storage Tanks
- Food Process Equipment and Facilities

Liquid Transfer Section

- Rotary Lobe Pumps
- Barrel Pumps
- Mono Pumps
- Domestic Pumps
- Air Diaphragm Pumps
- Twin Screw Hygiene Pumps
- Magnetic Coupling Centrifug Pumps
- Hygienic Centrifug Pumps
- Peristaltic Hose Pumps
- Dosage Pumps



Sustainable Innovation, Quality Standardization and Dynamism

Ekin Industrial has entered Turkey's sector of imported plate heat exchanger, with their customer focused vision and dynamic. Ekin has expanded into new and upcoming investments.

One of the main steps was gaining the identity of being a producer. Ekin Industrial has started the production of plate heat exchangers with the brand of 'MIT'. We grew in the philosophy of quality, through initially adapting to ISO Quality Management System procedures, and completed the CE security and quality certification period, and has matched foreign standards like GOST.

MIT plate heat exchangers have now become a solution to engineering problems in the world market and has grown through an expansion of franchises.

Engineering Approachments, Integrated Solutions

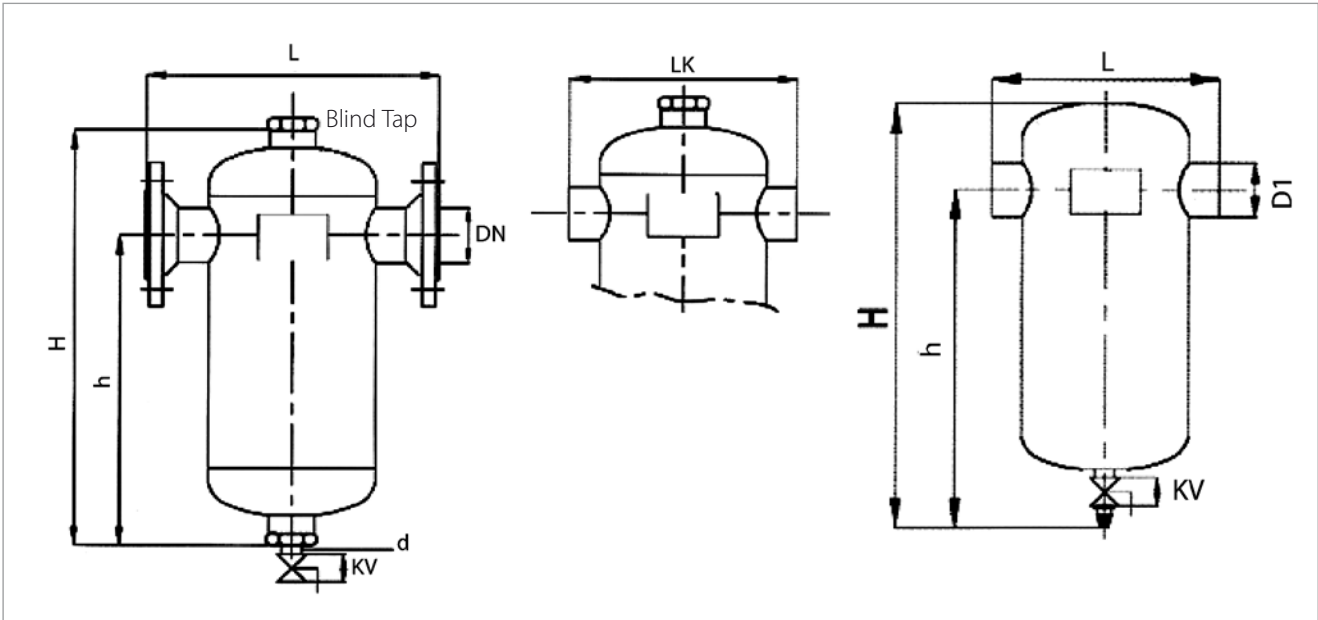
Ekin Industrial, with investment in MIT plate heat exchangers, their identity of producer and engineer vision is aiming to solve problems in the sector. To meet these views, Ekin Industrial has expanded into the production of components, sales and after sales service by employing expert engineers.

The factors that guided Ekin Industrial to success are their exceptional customer service to the needs and wants of consumers, modern facilities, and becoming partners to projects that involve high-end technology.

Ekin Industrial is an expert company which has wide product range which includes plate heat exchangers, accumulation tanks, water heater tanks, installation materials and its service group and submit competitive advantages to mechanical installation sector in Turkey and all around the World.



Sediment Separator



Dimensions (mm)					
DN	L	LK	H	h	d (KV)
50	300	270	475	330	1"
65	300	270	475	330	1"
80	400	360	600	400	1"
100	400	360	600	400	1"
125	600	520	800	540	1"
150	600	520	800	540	1"
200	150	652	950	615	1"
250	850	750	1120	710	2"
300	950	850	1350	915	2"
350	1100	1000	1500	1050	2"
400	1200	1100	1700	1225	2"

Dimensions (mm)			
d1	L	H	h
1/2"	130	345	275
3/4"	130	345	275
1"	130	345	275
1¼"	160	425	340
1½"	160	425	340
2"	160	425	340

Ball Dirt Relief Valve		
D	1"	2"
KV	75 mm	40 mm



Sediment coming from the water in the systems are used for preventing the clogging, corrosion in dirt slag and failures.

Threaded Connection (Combi System)

Body: St37 Steel
Leaktightness: PTFE

Montage Information,

Max. Pressure: 10 bar
Max. Temperature: 110°C

Montage Information,

Heat Systems: Exit of boiler
Cooling Systems: Entrance of chiller

Montage Information,

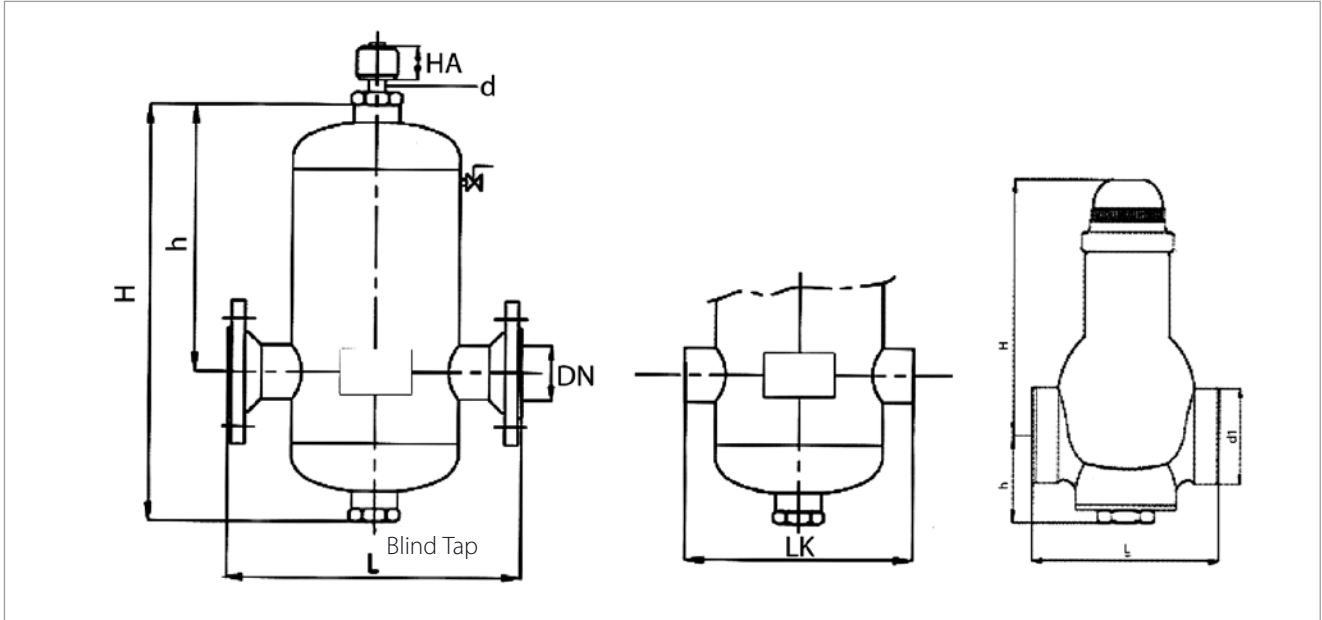
Max. Pressure: 10 bar
Max. Temperature: 110°C

Material,

Body: St37 Steel
Separator: AISI304

*Dimensions can be changed. * It is produced as project and application dimension.

Air Separators



Dimensions (mm)					
DN	L	LK	H	h	d (HA)
50	300	270	475	330	1/2"
65	300	270	475	330	1/2"
80	400	360	600	400	1/2"
100	400	360	600	400	1/2"
125	600	520	800	540	1/2"
150	600	520	800	540	1/2"
200	750	625	950	615	3/4"
250	850	750	1120	710	3/4"
300	950	850	1350	915	1"
350	1100	1000	1500	1050	1"
400	1200	1100	1700	1225	1"

Air Drainer			
DN	1/2"	3/4"	1"
DN	115 mm	156 mm	190 mm

Dimensions (mm)			
d1	L	H	h
1/2"	63	140	29
3/4"	69	143	33
1"	81	146	36
1¼	93	145	41
1½	111	156	45
2"	135	166	51



Air separators are used for preventing the system from damages can be done by the air existing in the system such as corrosion, cavitation voice damage.

Threaded Connection (Combi System)

Nickel-brass coated body
Leaktightness NBR

Operating Conditions,

Max. Pressure: 10
Max. Temperature: 100°C

Montage Information,

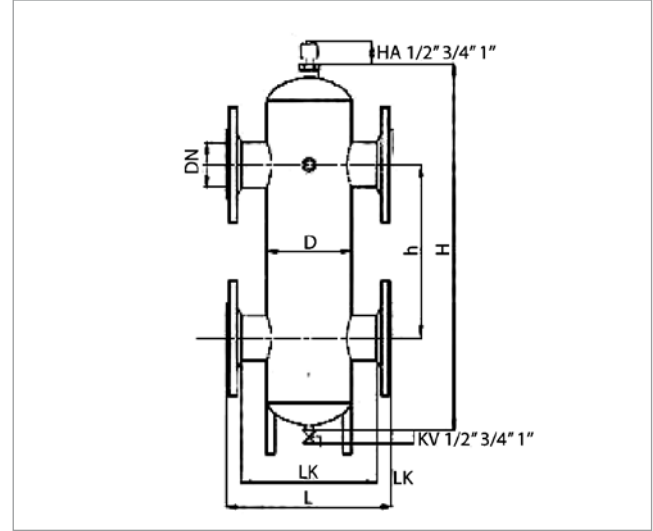
Heat Systems: Exit of boiler
Cooling Systems: Entrance of chiller

Material,

Body: St37 Steel
Separator: AISI304

*Dimensions can be changed. * It is produced as project and application dimension.

Balance Tank



Dimensions (mm)								
Kcal/h	KW	DN	D	m ³ /h	L	LK	H	h
25,000	29	25 / 32	65	1,7		180	370	250
37,000	43	40	80	2,5		200	460	250
52,000	60	50	100	4	300	220	600	350
74,000	86							
86,000	100							
104,000	120	65	125	8	330	240	650	400
120,000	140		150		400	310	750	450
180,000	210	80	200	12	500	420	950	600
300,000	350	100	200	20	500	420	1100	700
340,000	395	100	250	23	550	470	1300	850
473,000	550	125	250	32	550	470	1450	900
774,000	900	150	300	52	600	520	1670	1100
1,118,000	1300	150	350	74	670	570	1950	1230
1,505,000	1750	200	400	100	770	650	2200	1400
2,150,000	2500	200	450	145	870	710	2300	1570
2,580,000	3000	250	450	172	890	750	2600	1800
3,010,000	3500	250	500	201	950	820	2800	1900
3,440,000	4000	250	600	230	1050	900	2800	2100
3,870,000	4500	250	650	260	1150	1000	2900	2200
4,300,000	5000	300	700	290	1400	1150	3150	2400
4,730,000	5500	300	750	315	1400	1250	3300	2600

Air Drainer			
D	1/2"	3/4"	1"
HA	112 mm	116 mm	190 mm

Ball Dirt Relief Valve			
d	1/2"	3/4"	1"
Kv	60 mm	70 mm	70 mm

Mixing the cold water coming from the system with the hot water from the boiler it establishes thermal equilibrium to provide economy. It prevents thermal stress on the boiler.

Operating Conditions,

Heat Systems: Exit of boiler

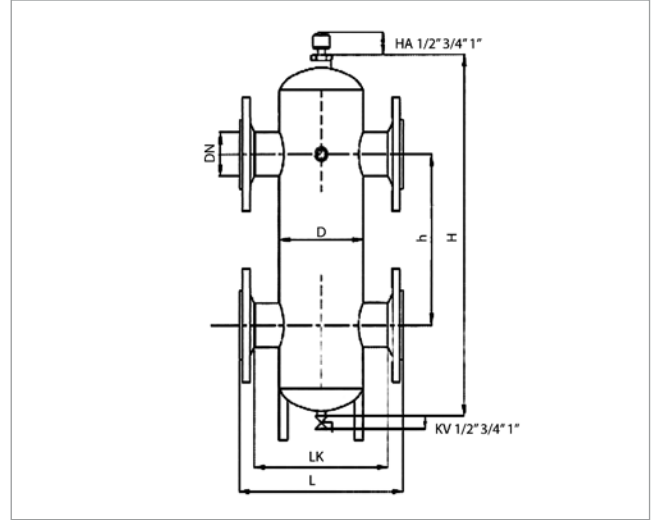
Cooling Systems: Entrance of chiller

Material,

Body: St37 Steel

*Dimensions can be changed. * It is produced as project and application dimension.

Package Balance Tank



Boil Capacity		Dimensions (mm)						
Kcal/h	KW	DN	D	Flow Rate m ³ /h	L	LK	H	h
104.000	120	50	150	8	330	240	650	400
120.000	140	65	150	10	400	310	750	450
180.000	210	80	200	12	500	420	950	600
300.000	350	100	200	20	500	420	1100	700
340.000	395	100	250	23	550	470	1300	850
473.000	550	125	250	32	550	470	1450	900
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4.300.000	5000	300	700	290	1400	1150	3150	2400
4.730.000	5500	300	750	315	1400	1250	3300	2600

Air Drainer			
D	1/2"	3/4"	1"
HA	112 mm	116 mm	190 mm

Ball Dirt Relief Valve			
d	1/2"	3/4"	1"
Kv	60 mm	70 mm	75 mm

Advantages at heating and cooling Systems

- 3-pack system in one unit
- Ensures the hydraulic balance
- Air release
- Residue-dirt separators
- Easy installation
- Good price
- 2 year warranty

Operating Conditions,

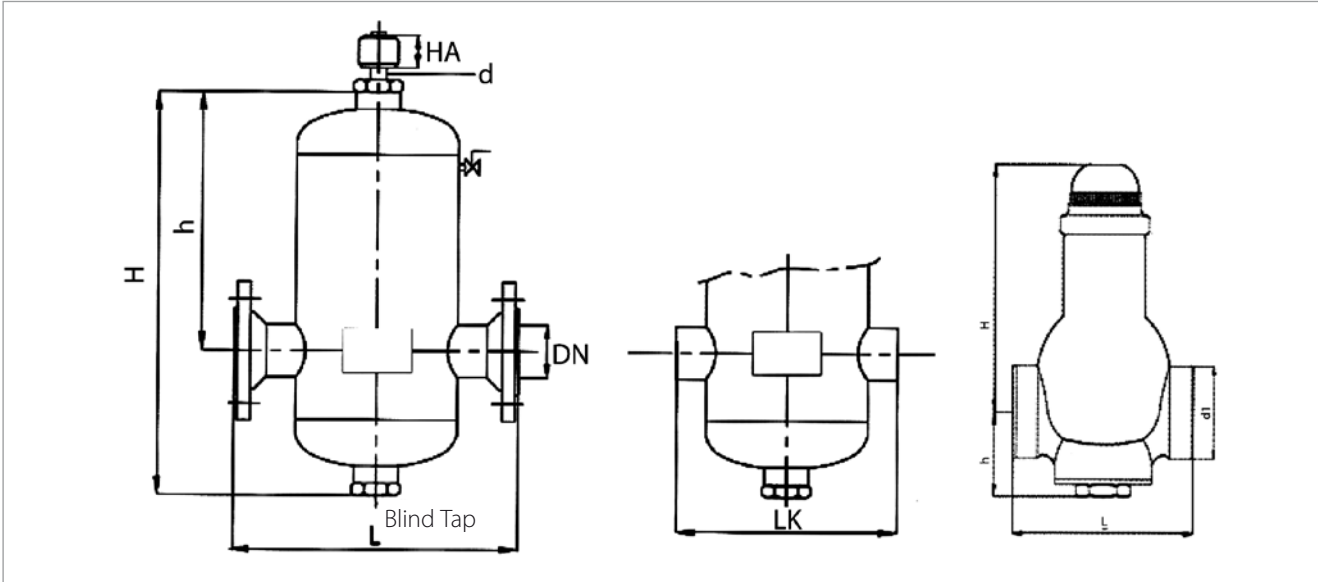
Max. Pressure: 10 bar
Max. Temperature: 110°C

Material,

Body: St37 Steel

*Dimensions can be changed. * It is produced as project and application dimension.

Dirt-Air Separator



Dimensions (mm)					
DN	L	LK	H	h	d (HA)
50	300	270	475	330	1/2"
65	300	270	475	330	1/2"
80	400	360	600	400	1/2"
100	400	360	600	400	1/2"
125	600	520	800	540	1/2"
150	600	520	800	540	1/2"
200	750	625	950	615	3/4"
250	850	750	1120	710	3/4"
300	950	850	1350	915	1"
350	1100	1000	1500	1050	1"
400	1200	1100	1700	1225	1"

Strainer			
DN	1/2"	3/4"	1"
DN	115 mm	156 mm	190 mm

Air Drainer			
DN	1/2"	3/4"	1"
DN	115 mm	156 mm	190 mm

Dimensions (mm)			
d1	L	H	h
1/2"	63	140	29
3/4"	69	143	33
1"	81	146	36
1¼	93	145	41
1½	111	156	45
2"	135	166	51



Single device that can separate existing air and dirt from the cooling and heating systems.

Montage Information,

Heat Systems:

Near the exit of boiler

Cooling Systems:

Near the entrance of chiller

Operating Conditions,

Max. Pressure: 10 bar

Max. Temperature: 110°C

Material,

Body: St37 Steel

Separator: AISI304

Threaded Connection (Combi System),

Nickel-brass coated body

Leaktightness NBR

Operating Conditions,

Max. Pressure: 10

Max. Temperature: 100°C

*Dimensions can be changed. * It is produced as project and application dimension.

50 Reasons for Choosing MIT

WHEN YOU BUY A MIT PUMP;

You will have a well-known brand all around the world.

WHEN YOU BUY A MIT PUMP;

You will have longest and most comprehensive warranty.

WHEN YOU BUY A MIT PUMP;

You will have fastest delivery time.

WHEN YOU BUY A MIT PUMP;

You will have the best quality.

WHEN YOU BUY A MIT PUMP;

You will have cheapest price.

WHEN YOU BUY A MIT PUMP;

You will work with main manufacturer.

WHEN YOU BUY A MIT PUMP;

You will have fastest spare part delivery time.

WHEN YOU BUY A MIT PUMP;

You will have fastest and largest service network.

WHEN YOU BUY A MIT PUMP;

You will have a good which has ISO, CE, GOST, TSE certificates.

OUR MIT PUMPS;

Designed for easy demontage and service.

AT OUR MIT PUMPS;

Dosage systems can be installed as per your request.

AT OUR MIT PUMPS;

Brand certificates are granted with CE and ISO Labels.

AT OUR MIT PUMPS;

We use stainless steel for hygienic materials.

AT OUR MIT PUMPS;

All our products are tested with precaution.

AT OUR MIT PUMPS;

We have montage foots to back up the pumps.

AT OUR MIT PUMPS;

Aggressive and corrosive resistant materials are used.

AT OUR MIT PUMPS;

Best quality materials are used for high resistance.

AT OUR MIT PUMPS;

Different gasket options are available.

AT OUR MIT PUMPS;

We make direct contact with manufacturer.

AT OUR MIT PUMPS;

We guarantee as producer.

AT OUR MIT PUMPS;

They are easily montaged.

AT OUR MIT PUMPS;

We offer different materials for different applications.

AT OUR MIT PUMPS;

We offer special pumps for applications.

AT OUR MIT PUMPS;

We offer different type of connection systems based on your applications.

AT OUR MIT PUMPS;

We offer different models of pumps based on your applications.

AT OUR MIT PUMPS;

Our experienced, friendly and solution based service personals are available 7/24.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You will make contact with experienced personals on pumps.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can contact global network based on sales in Turkey.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

We can supply side materials besides pumps.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

Sales are done by mechanical engineers precisely and traced very carefully.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You will have opportunity to work with a team who will be available all days and all hours.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

We offer quick solutions.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

Our first priority is customer pleasure.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can get information about all your system not just pumps.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

Our exploration service will serve you the best solution.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You won't need to follow useless procedures.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can get an exchanger education at you company or ours.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can get large information and documentation support.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can get consult us for your all problems.

Professional System Solution Center

You can take assistance about problems you have from MIT Plate Heat Exchanger Solution Center. Our solution center having qualified mechanical engineers will be happy to help you. These are some of the subjects that we can happily help you;

Steam installations

- Utility hot water installations
- Central and local heating systems
- Milk, yogurt, airan heating, cooling and pasteurization
- Industrial heating and cooling systems
- Oil cooling installations
- Energy recycle systems
- Pool heating systems



+90 444 35 46

In Plate Heat Exchanger systems, it is vital to setup the system correctly to get the desired capacity. That is why, when you set-up your system you can take needed assistance from first hand just using a phone (+90 444 35 46) for 7 days and 24 hours.

To make your system and heat exchangers work correct and full performance, we want to share the information we've had through the long years. It really is a big happiness for us.

We want to emphasize that again and again. Ekin Endüstriyel will continue being the best solution partner in every place where heat exchanger is used.



You are in exact point where quality,
experience and technology meet

Our Quality Certificates:





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