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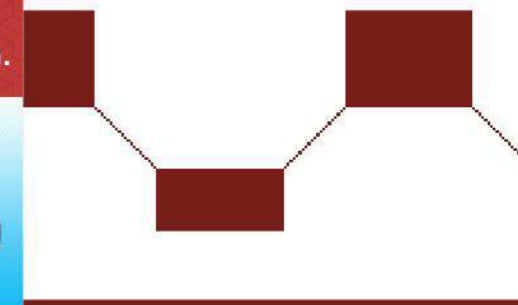
Add: No.6, Tongshun Road, Henglin Town, economic development zone, Changzhou City, Jiangsu Province



# Product Catalogue

## Home Appliane Series

Refrigeration , Air-Conditionor, Washing Machine, Water Filter, Kitchen.



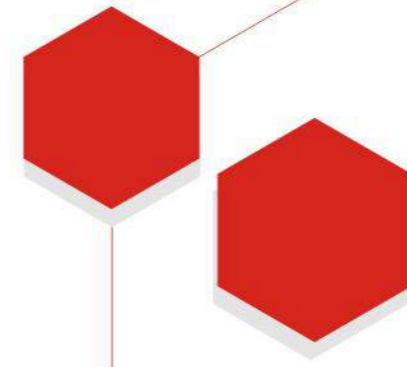
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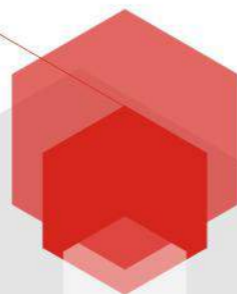
**常州市星尔道国际贸易有限公司**

Changzhou Egret New Manufacturing Co.,Ltd.

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### 1.01 EGDHV-Diaphragm Hand Valve



**Application:** It's a type of manual regulated shut off valve, mainly used for liquid, gas pipe in refrigeration equipment. It has 3 stainless steel diaphragms, which can avoid leakage. Specially designed valve cap can prevent humidity air to from penetrating into the valve body

#### Technical Parameters

Model	Connection(in)	Connection mode
EG-02H	1/4"	Solder
EG-03H	3/8"	
EG-04H	1/2"	
EG-05H	5/8"	
EG-06H	3/4"	

#### Technical Parameters

Model	Thread(in)	Connection(in)	Connection mode
EG-02	7/16"	1/4"	Flare
EG-03	5/8"	3/8"	
EG-04	3/4"	1/2"	
EG-05	7/8"	5/8"	
EG-06	1-1/16"	3/4"	
EG-07	1-1/4"	7/8"	

### 1.02 EG-P22 HVACR Pressure Sensor

**Application:** applicable to air conditioner, air compressor, centrifugal machine system, hydraulic and other fields.

#### Technical Parameters

Specifications	Technical
Measuring ranges	0~0.8...1.0...1.6...3.0...10...40...50...60MPa
Overload pressures	200%F.S 150%F.S
Burst Pressures	300%F.S 200%F.S
Operational Mode	Gauge , Absolute
Measuring Media	Compatible with 304 , 316L stainless steel
Output signal	4~20mA , 2conductor 0~5VDC , 3conductor 0~10VDC , 3conductor 0.5~4.5VDC , 3conductor
operating voltage	24VDC(12~32VDC) (注: 0.5~4.5VDC输出标准供电5VDC, 可选用24VDC供电)
Accuracy	±0.5%F.S(typ) ±1.0%F.S(max.)
Long-term drift	≤0.2%F.S/year(typ.)
Compensated temperature range	-20~+80°C
Operating temperature range	-30~+80°C
Storage temperature range	-40~+130°C
Fluid temperature range	-40~+125°C

### 1.02.2 EG-P321 Pressure transducer

**Products application:** used for central air conditioning unit

#### Technical Parameters

Specifications	Technical
Measuring ranges	0~0.8...1.0...1.6...2.0...3.0...4.2...5.0MPa
Overload pressures	200%F.S
Burst Pressures	500%F.S
Operational Mode	Gauge , Absolute
Measuring Media	Compatible with 304 , 316L stainless steel and copper
Output signal	0.5~4.5VDC , 3conductor
operating voltage	5VDC , 3 conductor 16VDC
Accuracy	±1%F.S(5°C~45°C) ±2.5%F.S(-20°C~80°C)
Long-Term drift	≤0.2%F.S/year(typ.)
Compensated temperature range	-20~+80°C
Operating temperature range	-30~+100°C
Storage temperature range	-40~+135°C
Fluid temperature range	-40~+135°C
Current consumption	≤10mA
Insulation resistance	100MΩ at DC500V



### 1.03.1 EGR/SPDT&DPST&DPDT Pressure Control

**Products application:** it's used for controlling and protecting pressure, automatic reset, or manual reset. Applicable to many types of refrigeration equipment, fire control, boiler, hydraulic and other equipment.



#### ■ Technical Parameters

Symbol	Model	Low pressure		High pressure		Reset		MAX.work pressure	
		Adjust range	Differential	Adjust range	Differential	L.P.	H.P.	L.P.	H.P.
Low Pressure (L.P.)	EGLP2	0-0.2	0.04-0.1			Aut.		1.7	
	EGLP3	-0.05-0.3	0.1-0.2			Aut.		1.7	
	EGLP6M	-0.05-0.6	Man.0.2Fixed			Man.		1.7	
	EGLP6	-0.05-0.6	0.1-0.4			Aut.		1.7	
	EGLP10	0.1-1.0	0.1-0.3			Aut.		1.7	
	EGLP6W-12S	0-0.02	0.04-0.1			Aut.		1.7	
	EGLP6W-12D	0.05-0.2	≅0.4			Aut.		1.7	
EGLP760 NP.	0~-0.1				Aut.		1.7		
High pressure (H.P.)	EGLP12D			0.2-1.2	0.1-0.4		Aut.		3.3
	EGLP16D			0.3-1.7	0.2-0.5		Aut.		3.3
	EGLP20D			0.4-2.0	0.2-0.5		Aut.		3.3
	EGLP30D			0.5-3.0	0.5-1.0		Aut.		3.3
	EGLP30			1.0-3.0	Man.0.4Fixed		Aut.		3.3
	EGLP30M			0.5-3.0	Man.0.4Fixed		Man.		3.3
	EGLP45L			1.0-4.5	Man.0.4Fixed		Aut.		4.8
EGLP45DL			1.0-4.5	0.5-1.5		Aut.		4.8	
Dual pressure	EGLP830	-0.05-0.6	0.1-0.4	0.5-3.0	Man.≤0.4 Fixed	Aut.	Aut.	1.7	3.3
	EGLP830HM	-0.05-0.6	0.1-0.4	0.5-3.0	Man.≤0.4Fixed	Aut.	Man.	1.7	3.3
	EGLP830HLM	-0.05-0.6	Man.0.4Fixed	0.5-3.0	Man.≤0.4Fixed	Man.	Man.	1.7	3.3
	EGLP1245L	0.2-1.2	0.1-0.5	1.0-4.5	Man.≤0.6Fixed	Aut.	Aut.	2.5	4.8
	EGLP1245LHM	0.2-1.2	0.1-0.5	1.0-4.5	Man.≤0.6 Fixed	Aut.	Man.	2.5	4.8
	EGLP1245LHLM	0.2-1.2	Man.≤0.5	1.0-4.5	Man.≤0.6 Fixed	Man.	Man.	2.5	4.8

### 1.03.2 EGR/DPC Differential Pressure Control

**Products application:** the pressure control will automatically cut in or cut off circuit while pressure differential achieves setting value. It has two types: manual and automatic reset. The dimension can be customized, standard terminal: M12 X 1.25 thread.

#### ■ Technical Parameters

Symbol	Model	Adjust range	Switch Differential	Factory setting	Max.working Pressure
No Delay EGLD-C Series	EGLD15C	0.05~0.15	≧0.05	0.05	1.70
	EGLD2C	0.05~0.20	≧0.05	0.05	1.70
	EGLD35C	0.05~0.35	≧0.05	0.10	1.70
	EGLD35CH	0.10~0.60	≧0.05	0.10	3.30
Delay EGLD-T Series	EGLD35T	0.05~0.35	≧0.05	0.10	1.70
	EGLD35TH	0.10~0.60	≧0.05	0.10	3.30



### 1.04 EGR/PWV Pressure Controlled Water Valves

**Products application:** It is assembled in condenser water inlet, to regulate cooling water flow according to condensing pressure variation.



#### Technical Parameters

Symbol	Model	Condenser side			Liquid side			Factory Setting Opening Pressure (Mpa)	KV value (m3/h)	
		Refrigerant	Adjusting range ( MPa )	Max. working pressure ( MPa )	Max. testing Pressure (Mpa)	Medium	Max. working pressure (MPa)			Max. Medium Temp. (°C)
Low pressure	EGPWV3/8	R134A R22 R407C R404A/507	0.5-1.8	2.0	2.4	Fresh water	1.0	60	0.75	0.8
	EGPWV1/2									2.5
	EGPWV3/4									3.2
High pressure	EGPWV1									5.0
	EGPWV3/8G		0.7-2.3	2.6	3.0	Fresh water	1.0	60	2.0	0.8
	EGPWV1/2G	2.5								
	EGPWV3/4G	3.2								
	EGPWV1G									5.0
	EGPWV1-1/4G		0.5-1.6	2.4	2.6	Fresh water	1.0	60	1.4	8.0
EGPWV1-1/2G	10									
High pressure	EGPWV3/8G-L	R410A	1.5-2.9	3.8	4.5	Fresh water	1.0	60	2.6	0.8
	EGPWV1/2G-L									2.5
	EGPWV3/4G-L									3.2
	EGPWV1G-L									5.0

### 1.05.1 EGR/MSV Membrane Solenoid Valves

**Products application:** EGMSV solenoid valve is an automatic part used for controlling refrigerant on and off. Widely used in refrigeration compressor unit, central air conditioning, bus air conditioning and other refrigeration equipment.

#### Technical Parameters

Model	Connection	Dimmension								KV Factor (m3/h) mm
		H1		H2		L1		Q		
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	
EGMSV-1020/2	1/4"SAE	3.0	75	2.5	62.5	2.3	58	-	-	0.175
EGMSV-1020/3	3/8"SAE	3.0	75	2.5	62.5	2.6	65	-	-	0.23
EGMSV-1028/2	1/4"ODF	3.0	75	2.5	32.5	4.9	125	-	-	0.15
EGMSV-1028/3	3/8"ODF	3.0	75	2.5	62.5	4.9	125	-	-	0.23
EGMSV-1064/3	3/8"SAE	3.2	82	2.7	69.5	2.6	68	-	-	0.8
EGMSV-1064/4	1/2"SAE	3.2	82	2.7	69.5	2.8	72	-	-	0.8
EGMSV-1068/3	3/8"ODF	3.2	82	2.7	69.5	4.5	111	-	-	0.8
EGMSV-1068/4	1/2"ODF	3.2	82	2.7	69.5	5.0	127	-	-	0.8
EGMSV-1070/4	1/2"SAE	3.6	91	3.0	75.0	3.9	100	1.8	45	2.2
EGMSV-1070/5	5/8"SAE	3.6	91	3.0	75.0	4.2	106	1.8	45	2.61
EGMSV-1078/4	1/2"ODF	3.6	91	3.0	75.0	5.0	127	1.8	45	2.2
EGMSV-1078/5	5/8"ODF	3.6	91	3.0	75.0	6.9	173	1.8	45	2.61
EGMSV-1078/9	11/8"ODF	4.5	115	3.8	96.0	9.8	250	3.1	80	10
EGMSV-1078/11	13/8"ODF	6.8	172	5.4	138.0	10.9	278	2.8	68	16
EGMSV-1090/5	5/8"SAE	4.2	106	3.0	78.0	1.7	120	2.2	57	3.8
EGMSV-1090/6	3/4"SAE	4.2	106	3.0	78.0	4.9	124	2.2	57	4.8
EGMSV-1079/7	7/8"ODF	3.6	91	3.0	75.0	7.5	190	1.8	45	2.61
EGMSV-1079/11	13/8"ODF	4.5	115	3.8	96.0	11.5	292	3.1	80	10
EGMSV-1079/13	15/8"ODF	6.8	172	5.4	138.0	10.9	278	2.8	68	16
EGMSV-1098/7	7/8"ODF	4.2	106	3.0	78.0	7.1	180	2.2	57	5.7
EGMSV-1099/9	11/8"ODF	4.2	106	3.0	78.0	8.5	216	2.2	57	5.7
EGMSV-1099/11	13/8"ODF	6.2	157	5.0	127.0	10.9	291	2.8	68	10



### 1.05.2 EGF-RSV 3/2 Refrigerator Solenoid Valve

**产品用途:** 它主要用于电冰箱, 制冰机, 饮水机等制冷系统专用配套件, 主要针对制冷系统制冷剂进行调整及流向的转换, 可实现电冰箱, 冰柜冷冻独立制冷, 现主要用在双温双控等冰箱。

#### Technical Parameters

Model	Port Size(mm)
EGRSV 0.8 2/3	RSV 0.8 2/3
EGRSV 1.4 2/3	RSV 1.4 2/3



### 1.06 EGEEV-Electrical Expansion Valve

**Products application:** it's mainly used in variable frequency air conditioning system. To regulate refrigerant flow automatically, thus to optimal cooling or heating based on pressure changes.

#### Technical Parameters

Product No.	USRT Capacity		Valve Dia. (mm)	Max.Operating Pressure Difference(Mpa)			Reverse Valve Opening Pressure Difference(Mpa)			Connection Dia.(mm)
	KW	US.T		R22	R407C	R410A	R22	R407C	R410A	
EGEEV1.3	3.5	1.0	φ1.3	2.3	2.5	3.4	1.5	1.5	2.1	φ6.35
EGEEV1.6	5.3	1.5	φ1.6	2.3	2.5	3.4	1.5	1.5	2.1	φ6.35
EGEEV1.8	7.0	2	φ1.8	2.3	2.5	3.4	1.5	1.5	2.1	φ6.35
EGEEV2.2	10.6	3	φ2.2	2.3	2.5	3.4	1.5	1.5	2.1	φ6.35
EGEEV2.4	17.6	5	φ2.4	2.3	2.5	3.4	1.5	1.5	2.1	φ8.00
EGEEV3.0	21.1	6	φ3.0	2.3	2.3	2.3	1.5	1.5	1.5	φ8.00
EGEEV3.2	28.2	8	φ3.2	2.3	2.3	2.3	1.5	1.5	1.5	φ8.00



### 1.07 EGBV-Ball Valve

**Application:** Used for cutting on & off fluid media, applicable to air conditioning equipment.

#### Technical Parameters

Model	Specifications	Port Size	KV value	Model	Specifications	Port Size	KV value
EGBV-6S	1/4(Ø6)	Ø14	2.0	BV-28	9/8(Ø28)	Ø25	52.0
EGBV-10S	3/8(Ø10)	Ø14	5.7	BV-35	1-3/8(Ø35)	Ø32	80.9
EGBV-12S	1/2(Ø12)	Ø14	10.6	BV-42	1-5/8(Ø42)	Ø38	80.9
EGBV-16S	5/8(Ø16)	Ø14	14.1	BV-54	2-1/8(Ø54)	Ø50	80.9
EGBV-18S	3/4(Ø19)	Ø19	20.4	BV-67	2-5/8(Ø67)	Ø50	80.9
EGBV-22S	7/8(Ø22)	Ø19	28.2	BV-79	3-1/8(Ø79)	Ø50	80.9

External size :

Model	A	B	C	ØD	Ød	E	G	H	ØI	J	K	S	M	weight
EGBV-6S	72	67	9	6.5	16	15	50	22	29.5	30	41.5	24	M4	230
EGBV-10S	72	67	10	10.1	16	15	50	22	29.5	30	41.5	24	M4	245
EGBV-12S	82	77	12	12.8	16	15	60	22	29.5	30	41.5	24	M4	255
EGBV-16S	82	77	14	16.1	16	15	60	22	29.5	30	41.5	24	M4	260
EGBV-18S	97	93	14	19.1	22	20.5	67	30	40.5	36	46.5	24	M4	510
EGBV-22S	97	93	17	22.3	22	20.5	67	30	40.5	36	46.5	24	M4	520
EGBV-28S	109	106	20	28.7	28	24	76	38	47.5	44	55.5	30	M4	800
EGBV-35S	128.5	126.5	25	35.2	35	31.5	88	48	62	44	71.5	34	M6	1550
EGBV-42S	143	136	29	41.5	42	35	98	55	71	56	86.5	42	M6	2300
EGBV-54S	157	148	34	54.2	54	46	101	74	91	56	94.5	42	M6	3900
EGBV-67	157	148	36	67.0	54	46	101	74	91	63	94.5	42	M6	3950
EGBV-79	157	148	40	79.6	54	46	101	74	91	63	94.5	42	M6	4030

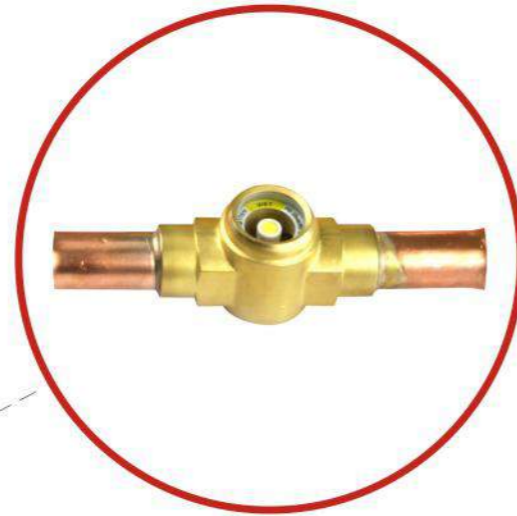


1.08 EGSG-Sight Glass

**Application:** It has a humidity indicator, you can identify the water content according to the color of indicator.

■ Technical Parameters

Type	Flare
EGSG-2	1/4
EGSG-3	3/8
EGSG-4	1/2
EGSG-5	5/8
EGSG-6	3/4



■ Technical Parameters

Type	Solder(ODF)
EGSG-2S	1/4
EGSG-3S	3/8
EGSG-4S	1/2
EGSG-5S	5/8
EGSG-6S	3/4



1.09 EGF 4-Way Reversing Valve

**Application:** It is applicable to central, unit-type, or household air conditioner, used for switch flow way of refrigerant, aiming for the cooling or heating. Our EGF series 4 way valve is suitable for air compressor 0.75-20HP, also applied to heat pump air conditioning system with R22, R407C, R410a refrigerant.

■ Technical Parameters

Model	Prvt Size (mm)	Connection Size		O.P.D(Mpa)		Inter Leakage (ml/min) P=1.0Mpa at 70°C	Power(hp)
		D	E.S.C	Min	Max		
EGF4-4U	8	8.1	9.6	0.25	2.5	< 1000	0.75~1.5
EGF4-9U	11	9.6	12.8	0.34	2.25	< 1500	2~3
EGF4-11	11.5	12.8	16	0.34	2.25	< 2000	2.5~4
EGF4-11U	11.5	9.6	16	0.34	2.25	< 2000	2.5~4
EGF4-20	13	12.8	19.2	0.34	2.25	< 4000	4~8
EGF4-20U	13	12.8	19.2	0.34	2.25	< 4000	4~8
EGF4-34	20	19.05	22.2	0.34	2.25	< 6000	7.5~12
EGF4-45	23	7/8"	1-1/8"	0.34	2.76	< 6000	5~15
	25.6	1-1/8"	1-3/8"	0.34	2.76	< 6000	5~20



2.01 Shock Absorber



2.02 Charging Valve



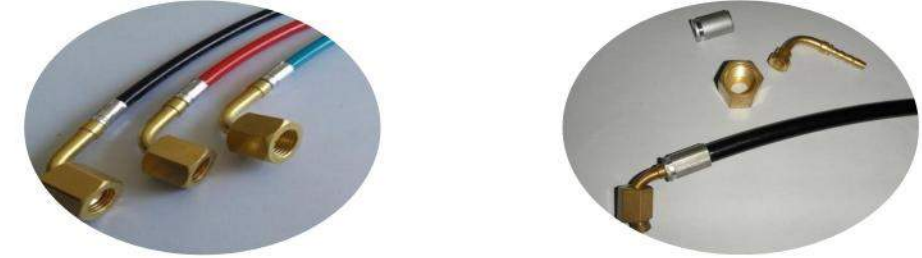
2.03 Connector



5.06 Rubber and Plastic Parts



2.04 Pressure oil Pipe



2.05 Oil Pressure Gauge



2.06 Eccentric hook for Refrigeratory



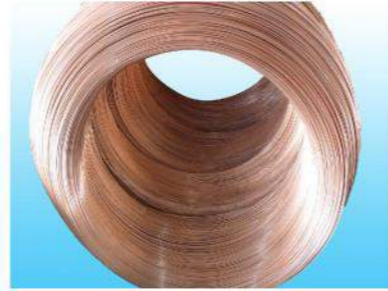
2.07 Die castings



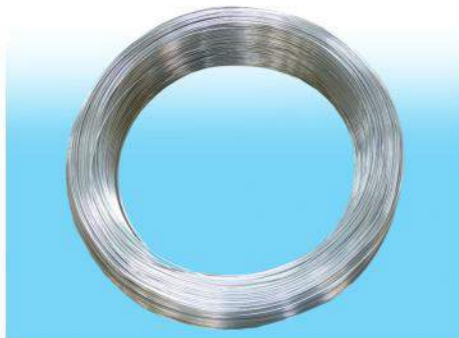




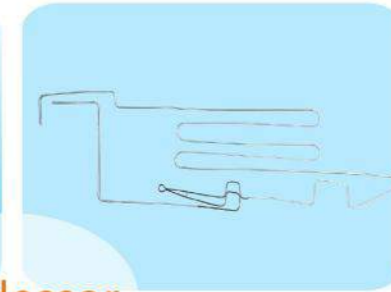
3.01 Coppered Steel Wire



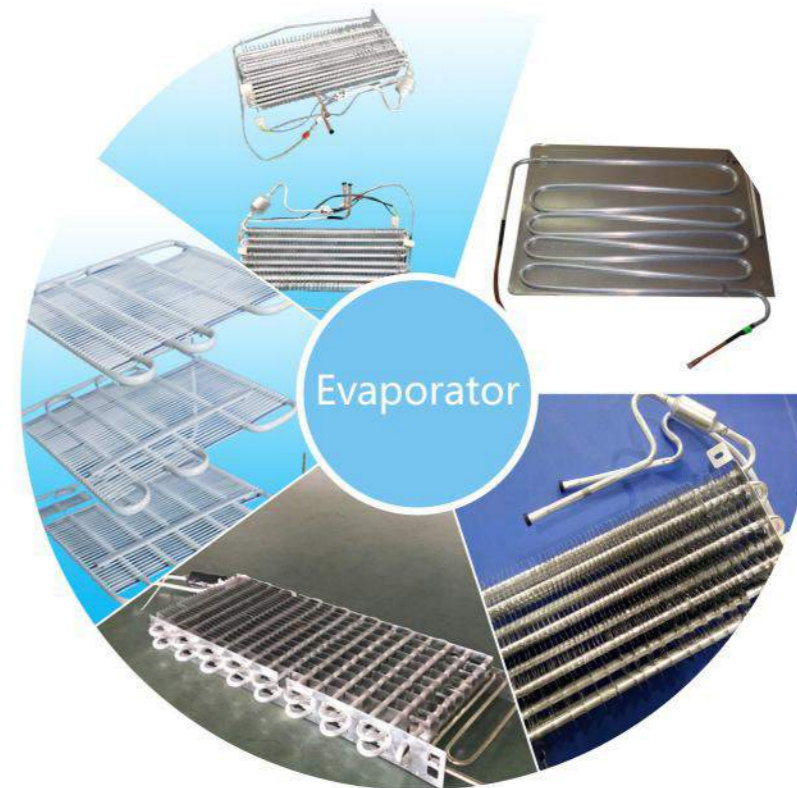
3.02 Galvanized Steel Pipe



4.01 Condensor and Evaporator



Condensor



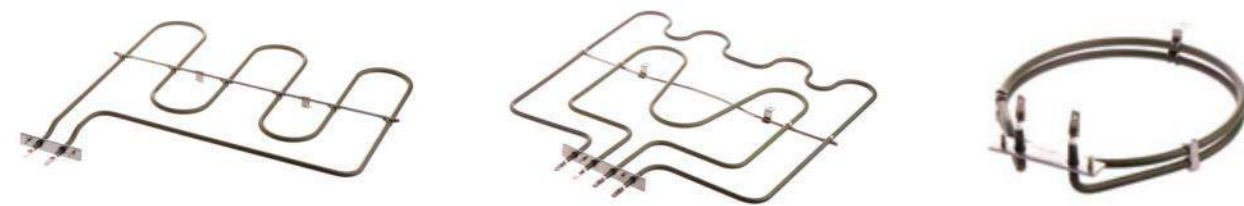
Evaporator

4.02 Heat Calorifier For Refrigerator and Washing Machine

Refrigerator Heat Calorifier



Oven Heat Calorifier



Washing machine Heat Calorifier



4.03 EGWBT- Washing Machine V- Belt

**Application:** it is specially designed for washing machine. Material is natural rubber, silicone gel. Widely used in automobile, machinery. Different rubber material can serve temperature between -50 °C to 250 °C. It has advantages like oil resistant, wear resistance, high temperature resistance, long lifetime. It can be customized.

■ Technical Parameters

section size of classical wrapped v-belt

Type	Top Width(mm)	Pitch Width(mm)	Height	Angle	Inner perimeter(mm)	Inner perimeter(inch)
EGO(M/Z)	10	8.5	6	40°	360-3000	14"-118"
EGA	13	11.0	8	40°	408-8001	16"-315"
EGAB	15	12.5	9	40°	1270-8001	50"-315"
EGB	17	14.0	11	40°	610-14910	24"-587"
EGBC	20	17.0	12.5	40°	1524-8001	60"-315"
EGC	22	19.0	14	40°	1016-20955	40"-825"
EGCD	25	21.0	16	40°	1524-8001	60"-315"
EGD	32	27.0	19	40°	1600-20955	63"-825"
EGE	38	32.0	23	40°	4496-20955	177"-825"
EGF	50	42.5	30	40°	5334-20955	210"-825"

section size for V-Ribbed Belts

Type	Rib section(mm)	Angle of rib(°)	Belt Thickness(mm)	Rib Numbers	Length range
EGPH	1.6	40	3	3-54	540-1270
EGPJ	2.34	40	4	3-36	540-18880
EGPK	3.56	40	4-6	3-54	600-2400
EGPL	4.7	40	10	3-54	900-3000
EGPM	9.4	40	17	3-54	1500-300



#### 4.04 Refrigerator Stamped Hingle

##### Refrigerator Hingle



##### Stamped parts



#### 4.05 EGRDF-Refrigerator Dry Filter

**Description:** refrigerator dry filter can dry & filter the humidity. In order to avoid ice blockage in cooling system.

##### Technical Parameters

Serial code	Properties	Standards
1	Still water absorption rate ( R134a , R600a )	> 18
2	Absorption velocity	> 18
3	Stacking density ( g/ml )	> 0.9
4	Crushing resistance	> 60
5	Crushing resistance variable coefficient	< 0.3



4.06 EGFL- Freezer Lock

**Description:** The lock is used for locking refrigerator or freezer, spring bolt material is 430 stainless steel, tapered end & cylinder material is zinc alloy, gasket material is Q235A, spring material is 202 stainless steel.

■ Technical Parameters

Serial Code	Properties	Standards
1	dimension	suitable for 0.5mm panel
2	firmness	smooth and clean surface, no loosen
3	flexibility	no stuck when rotating
4	Resistance	No corrosion, no color change after 48 hours
5	Appearance	Electroplate smooth surface



4.07 EGSNG-Screw/Nut/Gasket

**产品描述:** EGSNG锁用于冰箱和冷柜的开与关, 锁舌采用430不锈钢材质, 锁头和锁芯采用锌合金材质, 垫片采用Q235A材质, 弹簧采用202不锈钢材质。

**Properties:** 1. With considerable strength, high twisting force resistance.  
2. Excellent anti-rust property.

**Application:** fixing, joining

■ Technical Parameters

Properties	Data
OD	4.8 mm -5.0mm
Length	18.5mm-19.5mm
Core Hardness	26-40 HRC
Surface Hardness	≥45 HRC
Surface Treatment	Trivalent Chromium zinc plating-blue white



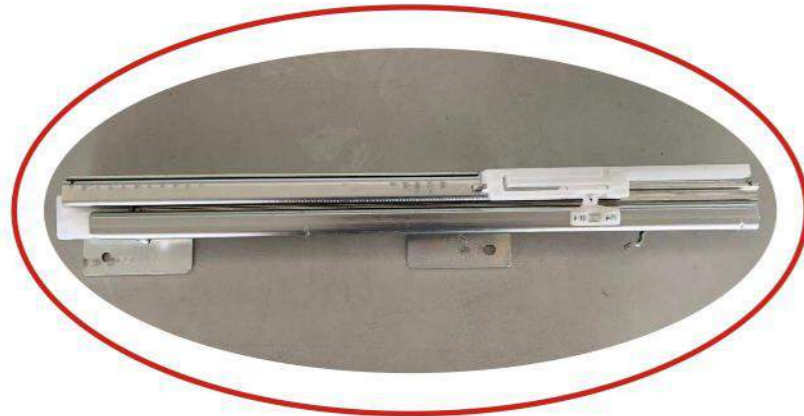
**Caution:** Room temperature storage, (room temperature: -5°C-40°C, relative humidity < 80%), product surface should avoid acidic material (for instance, hydrochloric acid, sulfuric acid, vinegar, cola, etc)

4.08 EGSR-Sliding Rail

**Description:** Sliding rail uses high quality steel, machined with high precision grinder, punching with machine center, high precision, good parallelism. Widely used in multiple door or French door series refrigerators. Also suitable for cabinet, furniture, bus cabinet, etc.

■ Technical Parameters

Serial code	Properties	Standards
1	Appearance	Surface clean, no rust, no oil, scratch or dots
2	Corrosion resistance	No white dot, red dot, black dot, for over 72 hours
3	Low temperature resistance	-20°C refrigerator temperature, pull strength no more than 95 N with constant speed
4	Stability	No rail breakage
5	Noise	Conform to G/BT-8059



4.09 EGFR- Freezer Truckle

**Description:** It has three types: universal truckle, oriented truckle, flat plate type truckle. It has excellent carrying capacity, which can be up to 800 kg.

■ Technical Parameters

Serial Code	Properties	Standards
1	Appearance	No burr, no breakage, smooth surface
2	Assemble	No loosen, no stuck
3	Metal	Surface galvanize & purification
4	Static pressure resistance	Conform to GB/T 14688-93
5	Rotational compliance	Conform to GB/T 14688-93
6	Steering	Conform to GB/T 14688-93



#### 4.10 EGIMD (In-Mold Decoration)

**Description:** In-mold decoration, a special type of plastic molding, is used for decorating plastic surfaces with color and/or with an abrasion resistant coat.

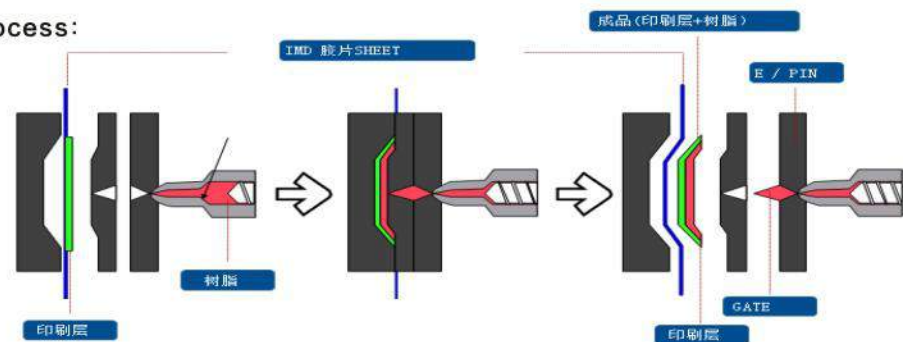
**MID advantage:**

1. Scratch resistance, solvent resistance, long life time
2. Third dimension, clear picture
3. Anti-dust, anti-humidity
4. Flexible in terms of size and design
5. Multiple styles, can be customized
6. Simple making process, one time injection molding, saving cost

**传统注塑产品:**

1. 需要有喷漆或电镀等二次加工的过程（增加成本和造成污染）；
2. 油墨等在产品的表面，时间一长的话就会被磨花或刮伤（降低产品的整体质量和外观效果）；
3. 注塑成型后进行后续工作，造成良率下降等。

**Making process:**



**Core advantage of Egret IMD:**

1. Quality advantage: No dust work shop to ensure high quality
2. Technology advantage: has own research and design ability
3. Cost advantage: All process made by ourselves, have own work shop for mold making

冰箱用显示面板	洗衣机显示面板	洗衣机显示面板（金属色泽）
净水器显示面板	净水器显示面板	净水器显示面板（曲面造型）

#### 5.01 EGPB-PE Anti-Dusting Bag

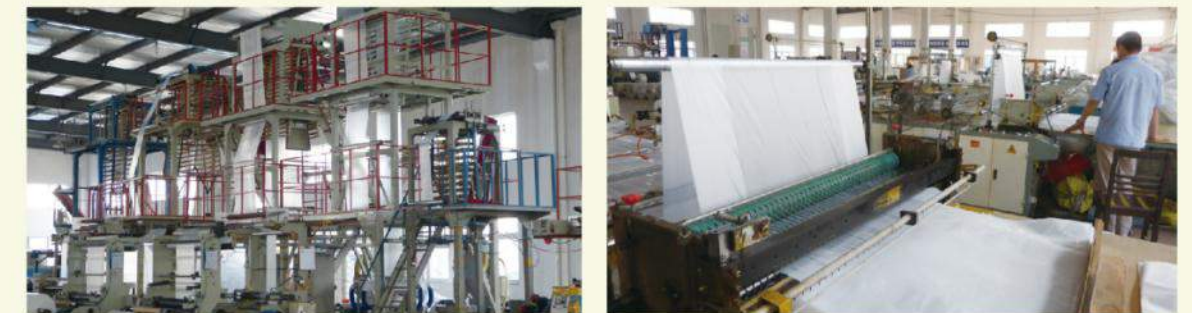
**Application:** PE bag is used for refrigerator & washing machine, the function is thermal insulation, water proof & shockproof.

**Technical Parameters**

Serial code	Properties	LDPE	LLDPE	MDPE	HDPE
1	Tensile strength/Mpa	>9.5	>13.5	>10	>20
2	Elongation at break(<0.05mm)	>125	>228	>98	>225
3	Elongation at break(>0.05mm)	>195	>275	>145	>225

PE anti dusting bag material: LDPE, LLDPE, MDPE, HDPE

**吹膜 制袋**



5.02 ES-Straps

**Application:** It is new type of bundling packing material, to take place of steel strip. Widely used in steel, aluminum, chemical fiber, cotton spinning, tobacco, paper, ceramics, wood, metal and other industries.

■ Technical Parameters

Serial code	Backing thickness	Tensile strength	Elongation at break	Temperature
1507	0.06mm	≥ 1500N/cm	15%-20%	-50°C-100°C
15075	0.075mm	≥ 2200N/cm	15%-20%	-50°C-100°C
1508	0.08mm	≥ 2200N/cm	15%-20%	-50°C-100°C

**Jumbo size:** 1210 x 1000m, 1190 x 2000m, 1210 x 3000m etc.



**Description:**

Use PP new material mixed with titanium dioxide, called PET plastic steel band or PET band. Color is milky white, semitransparent, green.

**Construction and features:**

1. Good tensile strength, good splicing feature
2. Outstanding tensioning, flexibility, easy operation
3. Excellent weather resistance, service temperature range -50°C-100°C



5.03 EGWR-Welding Rod

**Application:** it is used for refrigeration industry, including flame welding & automatic welding solder flux, strip solid solder flux, flux-cored wire.

■ Technical Parameters

Serial code	Chemical content	Melting temperature	Applicable material	Standard dimension
L201	93%P, 7%Cu	710°C-820°C	铜管 (无需钎剂)	φ2*450, φ1.6*6.85, φ1.7*9.42
L205	5%Ag,88%Cu,7%P	645-815°C	铜管 (无需钎剂)	φ2*450, φ0.7*2*5, φ0.8*6*4
L209	2%Ag,91%Cu,7%P	643-788°C	铜管 (无需钎剂)	φ2*450, φ0.7*2*5, φ0.8*6*4
BAG25CuZnSn	25%Ag,40%Cu,33%Zn, 2%Sn	700-790°C	不锈钢, 铜管 (需钎剂, 药芯, 药皮除外)	φ2*450, φ1.9*500药芯焊条
BAG30CuZnSn	30%Ag,36%Cu,32%Zn,2%Sn	665-755°C	不锈钢, 铜管 (需钎剂, 药芯, 药皮除外)	φ2*450, φ0.8*4*4, φ0.8*4.75*4, φ0.8*6*4, φ1.9*500药芯焊条
BAG34CuZnSn	34%Ag,36%Cu,27%Zn,3%Sn	630-730	不锈钢, 铜管 (需钎剂, 药芯, 药皮除外)	φ2*450

**Description:**

Now domestic popular soldering flux is Bag30CuZnSn, use metal skin to wrap the soldering flux, save cost & labor.



**5.04 EGDMF-Hot Melt Film**

**Application:** It's mainly used for sticking between refrigerator condenser plate and tube.

**Technical Parameters**

Serial code	Backing thickness	Tensile strength	Elongation at break	Adhesion	Melting temperature
501	0.10mm	≥ 8 MPa	≥ 300 %	≥ 29 N/cm	99 °C
502	0.15mm	≥ 8.5 MPa	≥ 300 %	≥ 29 N/cm	99 °C
503	0.20mm	≥ 9 MPa	≥ 300 %	≥ 29 N/cm	99 °C

**Jumbo size:** 1210 x 1000m, 1190 x 2000m, 1210 x 3000m etc.

**Description:**

PO/EAA as main backing material. By heating and blow molding, it becomes adhesive film, color is semitransparent.

1. Consistent, uniform bonding thickness
2. Easy to process, no solvent included
3. Easing bonding to many objects
4. Die cutting to various shapes, applicable to manual or automatic applications
5. Thickness is 0.1mm to 0.203mm.

**5.05 EGDMG-Hot Melt Granule**

**Application:** Seal the tube, shell or foaming process in refrigerator.

**Technical Parameters**

Serial code	Color	Solid content	Foam bonding	Adhesion
201	White	≥97%	≥ 50 %	≥ 2500MPa
202	Faint yellow	≥97%	≥ 50 %	≥ 2500MPa

**Material name and content:** Foaming ethylene-vinyl acetate (30%-60%), petroleum resin (10%-30%), rosin resin (10%-30%), wax (5%-20%)

**Description:**

A special type of PU product consists of PUP, foaming agent, catalyst. White and faint yellow color is available

**Construction and features:**

1. No corrosion to panel and cabinet
2. Instant solidification, within 3 minutes
3. Softening point is above 70 °C
4. Melting temperature is between 110°C and 140°C. No odor after heating.





5.07 EGDB-Damping Block

**Application:** Damping block is mainly applied on the appliance steel panel, act role of reduce noise and vibration. Sealing material is butyl rubber, it provides good boning and water sealing to cement, rubber, plastic, metal material.

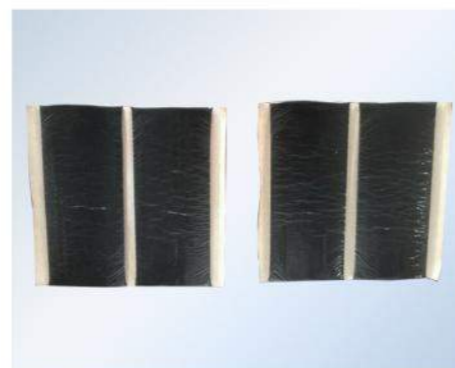
■ Technical Parameters

Damping block

Serial code	Properties	Benchmark
1	Water/weather resistance	No swelling, no cracking
2	Corrosion resistance	No color change
3	Weight	Less than 6% negative tolerance
4	ROHS Test	Conform to SGS standards

Sealant

Serial code	Properties	Benchmark
1	Cold resistance	No crack, hardening
2	Hot resistance	No deformation
3	Adhesion	No displacement
4	Water resistance	Weight change less than 2% tolerance
5	Corrosion	No color change



5.08 EGFT- Felt for Refrigerator and Washing machine

**Application:** Felt is used for reducing noise and vibration of refrigerator and washing machine. Also, with good PU foaming bonding property, well stick to panel.

■ Technical Parameters

Serial code	Properties	Benchmark
1	Adhesion	No tight edge
2	Holding Power	≥ 2h
3	Weather resistance	No tight edge
4	Tensile strength	≥ 50 N
5	Density	≥ 130
6	Flame retardant	≥ 130

Use 80% polyester plus 20% polypropylene as backing material. Coated with double sided tape, protected by liner on the other side.

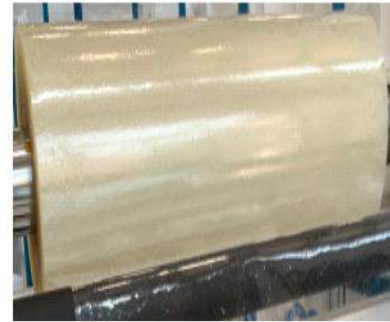




5.09

EGBF-Based Film for Foams

**Applications:**Used for fixing foam base of appliance, automobile, railway transportation parts.



■ Technical Parameters

Serial code	Backing thickness	Peel Adhesion	Peel Adhesion	Tensile Strength	Elongation	Weather Resistance
101	70mic	≥1.5N/cm	≤2mm	≥50N/cm	≥ 20%	-40°C-80°C
102	90mic	≥1.5N/cm	≤2mm	≥55N/cm	≥ 20%	-40°C-80°C

**Jumbo size:** 760x 500m, 890x 1000m, 1210 x 3000m etc.

**Product description:**

Use transparent polyester film as backing material, coated with releasing agent on one side, and pressure sensitive glue on the other side.

**Construction and features:**

1. It provides better anti-sliding, humidity resistance, wear resistance compare to traditional paper and plastic panel
2. Good weather resistance -40°C to 80 °C, no glue residue
3. Soft wear resistance film with thickness range from 0.07 mm to 0.09mm
4. Standard glue coating thickness is 0.01mm-0.02mm

