

## Parts & Supplies Catalogue

EXPERIENCE NEW WITH ICEKEY

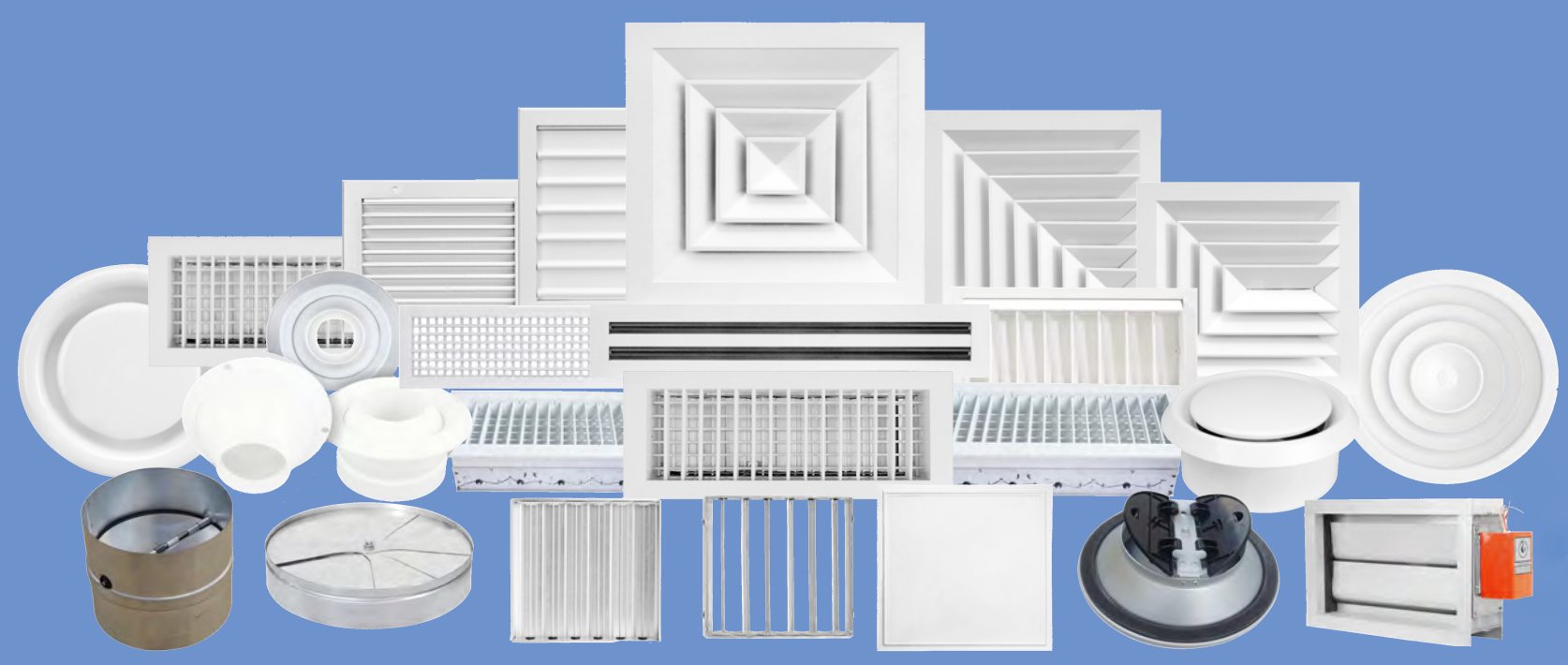
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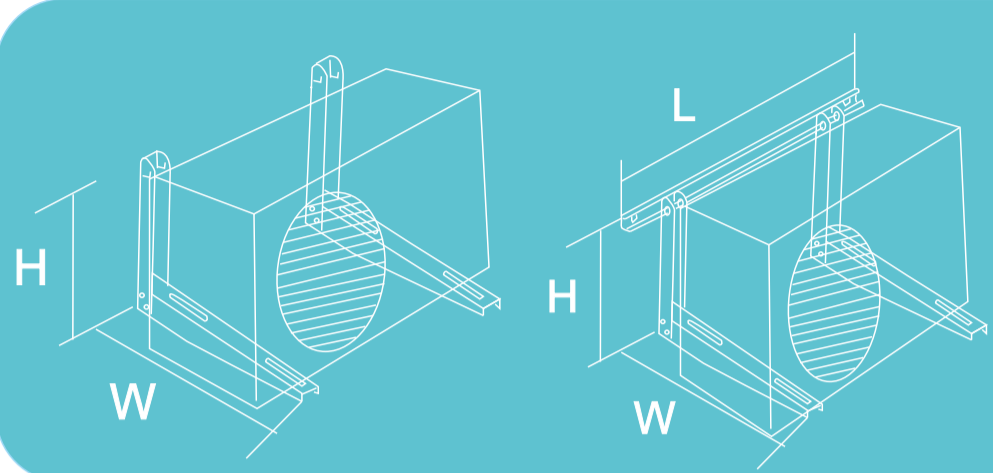
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# Brackets



## Safe Guard

- Fast, easy and accurate installation.
- Universal Brackets for mini splits

**hot**  
Rivet Connecting  
A/C Bracket



## Features

- Highly weather-proof power coated surface
- Supplied with anti-vibration rubber accessories
- Adjustable installation distance to wall
- Top easy installation and wide range of models

NW-133

NW-103



## Specification

- Material: Cold Rolled Steel
- Treatment: Epoxy Resins in Polyester
- Color: Ral 9002 or customized

## Packaging

- Box : Yellow or White; 1 PC in a box
- Master Carton:  
NW-103: 8 pieces/ CTN;  
NW-133: 6 pieces/ CTN;
- Pallets Size: 1100x1100x1100  
NW-103 : 384pieces / Pallets;  
NW-133 :336pieces / Pallets;



NW-103

NW-133

NW-203

NW-233



Type	Model	Size(mm)			Thickness mm	Match AC BTU	Material
		L	H	W			
NW-103	NW-103A	-	365	450	1.70	9-12K	Cold Rolled Steel
	NW-103B	-	400	500	1.70	12-18K	Cold Rolled Steel
	NW-103C	-	500	550	2.00	18-24K	Cold Rolled Steel
NW-133	NW-133A	-	400	450	1.70	9-12K	Cold Rolled Steel
	NW-133B	-	450	500	1.70	12-18K	Cold Rolled Steel
	NW-133C	-	500	550	2.00	18-24K	Cold Rolled Steel

Type	Model	Size(mm)			Thickness mm	Match AC BTU	Material
		L	H	W			
NW-203	NW-203A	-	365	450	1.70	9-12K	Cold Rolled Steel
	NW-203B	-	400	500	2.00	12-18K	Cold Rolled Steel
	NW-203C	-	450	500	2.00	18-24K	Cold Rolled Steel
	NW-203D	-	500	500	2.00	18-24K	Cold Rolled Steel
NW-233	NW-233A	780	365	450	1.70	9-12K	Cold Rolled Steel
	NW-233B	780	400	550	1.80	12-24K	Cold Rolled Steel

NW-303

NW-333

NW-403

NW-433



Type	Model	Size(mm)			Thickness mm	Match AC BTU	Material
		L	H	W			
NW-303	NW-303A	-	420	420	1.70	9-12K	Cold Rolled Steel
	NW-303B	-	450	415	1.80	9-12K	Cold Rolled Steel
	NW-303C	-	460	460	1.80	9-12K	Cold Rolled Steel
	NW-303D	-	500	500	2.00	12-18K	Cold Rolled Steel
NW-333	NW-333A	-	500	500	1.90	9-12K	Cold Rolled Steel
	NW-333B	-	500	550	2.00	12-18K	Cold Rolled Steel
	NW-333C	-	600	600	2.00	18-24K	Cold Rolled Steel

Type	Model	Size(mm)			Thickness mm	Match AC BTU	Material
		L	H	W			
NW-403	NW-403A	-	450	450	1.50	9-12K	Stainless Steel 201
	NW-403B	-	500	500	1.70	12-18K	Stainless Steel 201
	NW-403C	-	540	540	2.20	18-24K	Stainless Steel 201
NW-433	NW-433A	430	430	1.40	9-12K	Stainless Steel 201	
	NW-433B	500	500	1.70	12-18K	Stainless Steel 201	
	NW-433C	590	540	1.80	18-24K	Stainless Steel 201	

# Condensate Pump

## MPC-RED



Mpc pump is the best selling mini pump offers unrivalled reliability and performance. Able to drain water by siphoning

### MPC-RED

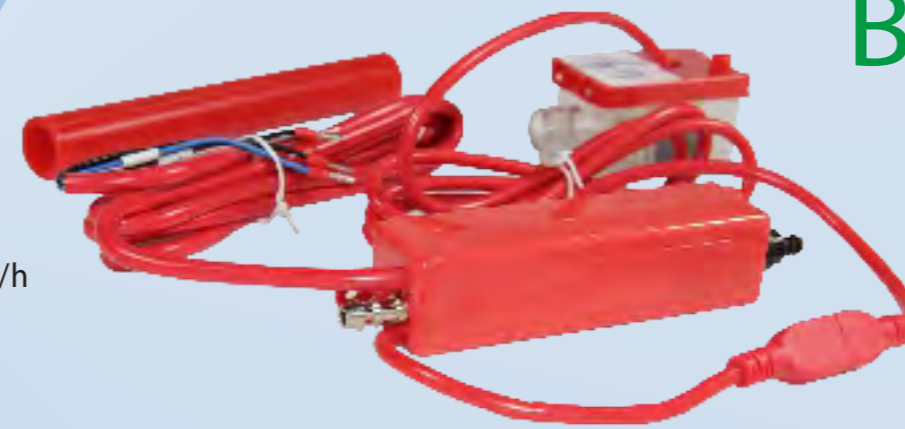
- Max flow: 10L/h@ 0 head
- Sound level: <21dB(A)@ 1m
- Max recommended head: 10m
- Rated: continuous
- IP Protection: IPX1
- Lx W x H: 130mmx50mmx40mm

## Slim Box



A

B



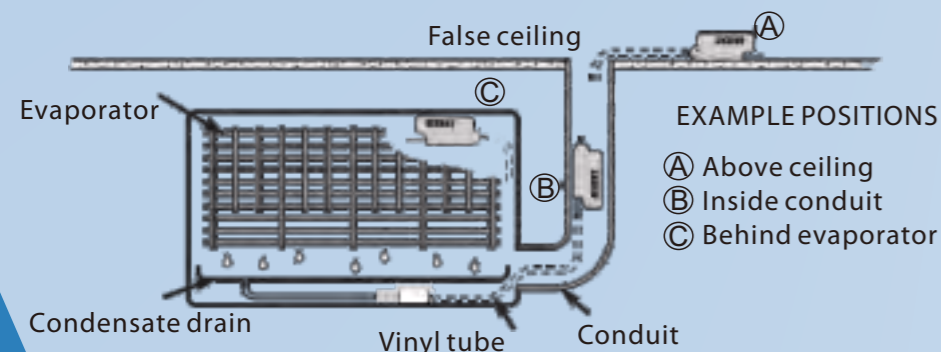
### Slim Box

- Max flow: 15L/h@ 0 head
- Sound level: <19dB(A)@ 1m
- Max recommended head: 12m
- Rated: Non continuous
- IP Protection: IPX5
- Lx W x H: 150mmx29mmx29mm

### Technical Data

#### Universal

- Power supply: 230V AC 50/60Hz
- Tank capacity: 40ml
- Max unit output: 1.6kw/54600Btu/h
- Safety switch: 3A Normally closed
- Max,water temperature: 40°C
- Discharge tube: 6mmID
- Class: II appliance
- Thermal protection: ✓
- Fully potted: ✓



Silent and compact condensate draining pump, perfect for installation on air conditioning units with limited space inside. The small size, the easy installation and the low noise level make it suitable for installations in all places. The pump is designed for power and alarm cable and supplied with tank ventilation pipe, double-sided tape to fix the pump-tank, pump-split connection pipe, tank and 6x9 mm pump-tank connecting pipe. For the flow pipe use the standard 6x9 mm hose (not supplied as standard equipment).



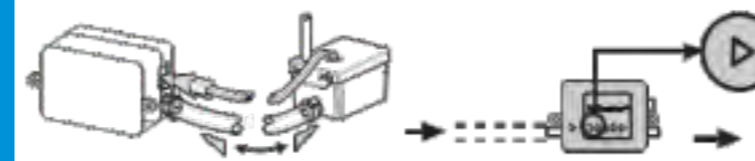
## Mini Box



## Maxi Box



The mini box is a very compact pump that we have introduced, a variety of installation methods, simple and practical, ultra-quiet working mode gives a very comfortable feeling



### Special

- Max flow: 15L/h@ 0 head
- Sound level: <19dB(A)@ 1m
- Max unit output: 1.6kw/54600Btu/h
- Lx W x H: 90mmx52mmx32mm

### Technical Data

#### Universal

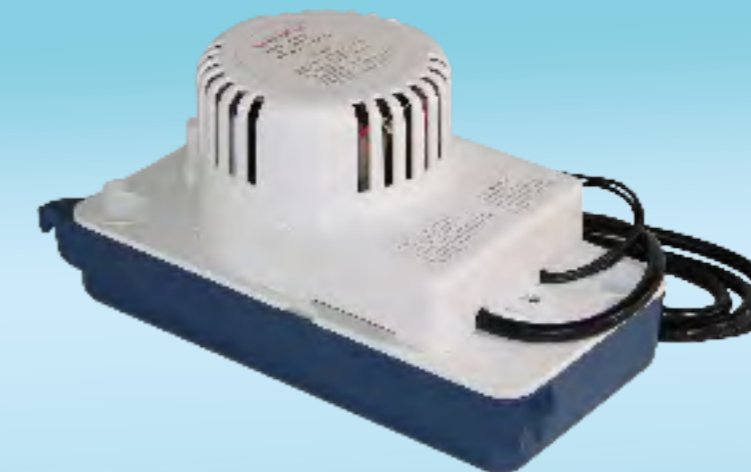
- Power supply: 230V AC 50/60Hz
- Tank capacity: 40ml
- Max recommended head: 12m
- Safety switch: 3A Normally closed
- Max,water temperature: 40°C
- Discharge tube: 6mmID
- Class: II appliance
- Rated: Non continuous
- IP Protection: IPX1
- Thermal protection: ✓
- Fully potted: ✓

Maxi box is an upgraded version of mini box, mini appearance, a variety of installation methods, simple and practical, ultra-quiet working mode gives a very comfortable feeling

### Special

- Max flow: 38L/h@ 0 head
- Sound level: <21dB(A)@ 1m
- Max unit output: 4.6kw/15700Btu/h
- Lx W x H: 100mmx58mmx44mm

## Tank Pump



This condensate draining pump is able to drain huge volume of condensation. It is easy to install and suitable for installations in all spaces. Multiple colors to choose from:

Model	Vol./Freq. (V/Hz)	Current (A)	Power(W)	Water flow rate at			Discharge head
				0.3m(L/H)	1.5m(L/H)	2.7m(L/H)	
RTP15WS115L	115V/60HZ	1.0	60	250	200	150	15'/4.6M
RTP20WS115L	115V/60HZ	1.5	85	303	285	208	20'/6.1M
RTP22WS115L	115V/60HZ	1.85	100	550	500	430	22'/6.7M
RTP24WS115L	115V/60HZ	2.0	110	580	520	470	24'/7.3M
RTP15WS230L	230V/50(60)HZ	0.6/0.45	60/50	260/250	230/200	170/150	15'/4.6M
RTP20WS230L	230V/50(60)HZ	0.7/0.55	85/75	260/303	230/265	180/208	17'/5.2M
RTP22WS230L	230V/50(60)HZ	1.2/1.0	115/100	500/550	460/500	400/430	22'/6.7M
RTP24WS230L	230V/50(60)HZ	1.3/1.1	125/110	530/580	480/520	420/470	24'/7.3M

## Wall mounted pump Model: NPC-24A/NPC-40A



### Features universal

- Suitable for all voltage in the world
- Rate power at 3W energy saving design
- Two inlet ports on top or side
- Very quiet & non vibration
- 3A-250V non voltage safety switch
- Buckle design, easy assemble
- Tank capacity 200 ml
- Ambient temp 0-50° C
- Max discharge head at 10m
- CE Certificate

### Special

- NPC -24A**
- Flow rate : 24L/h
- Sound level at 1m: 19dba
- mini split up to : 8KW (30,000btu/hr)
- NPC -40A**
- Flow rate : 40L/h
- Sound level at 1m: 21 dbA
- mini split up to : 15KW (45,000btu/hr)

## Copper Filter Drier & Copper Strainer & Copper Accumulator



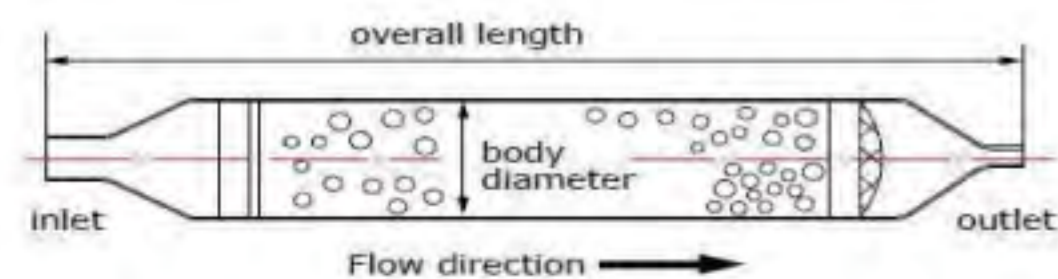
### Application:

NEWEX copper filter driers are designed to absorb moisture and acid, and to filter out impurities. Normally be installed as component and replaced as repair part for both domestic and commercial refrigerators, freezers.

### Feature:

- Body shell: Cu-DHP
- Molecular sieves: 100% XH-9
- Screen: 200 mesh
- Wall thickness: 5 – 20g: 0.40mm; > 20g: 0.50mm

### Standard - Ending type(010)

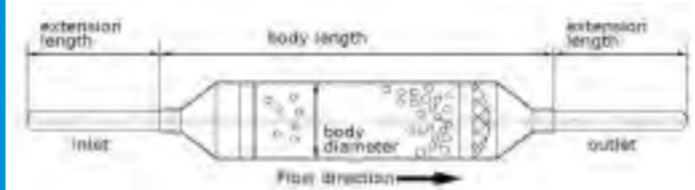


Standard inlet / outlet: 6.5 / 2.5 mm  
Other size on request

### Specification

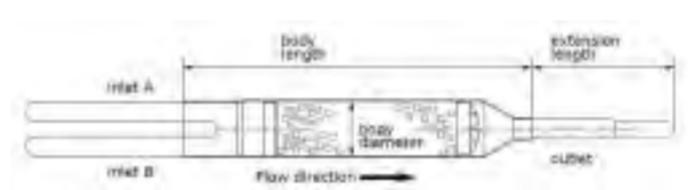
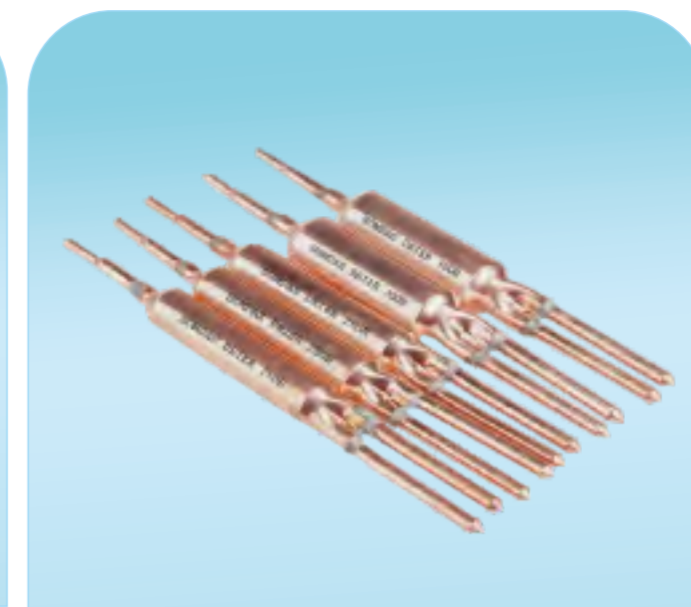
Model	Molecular Sieves Body	Body Diameter	Overall Length	Screen Depth
Ending type(010/011/021/022)	+5%, -0%	±0.10mm	±2mm	±2mm
SD05 - 010 / 011 / 021 / 022	5g	16	80	24
SD07 - 010 / 011 / 021 / 022	7g	16	90	24
SD10A - 010 / 011 / 021 / 022	10g	16	115	24
SD10B - 010 / 011 / 021 / 022	10g	19	100	26
SD12 - 010 / 011 / 021 / 022	12g	19	105	26
SD13 - 010 / 011 / 021 / 022	13g	19	110	26
SD15 - 010 / 011 / 021 / 022	15g	19	115	26
SD18 - 010 / 011 / 021 / 022	18g	19	128	26
SD20A - 010 / 011 / 021 / 022	20g	19	141	26
SD20B - 010 / 011 / 021 / 022	20g	24	120	28
SD25 - 010 / 011 / 021 / 022	25g	24	125	28
SD30 - 010 / 011 / 021 / 022	30g	24	140	28
SD35 - 010 / 011 / 021 / 022	35g	24	155	28
SD40 - 010 / 011 / 021 / 022	40g	24	170	28
SD50 - 010 / 011 / 021 / 022	45g	29	160	30

### Standard - Ending type(011)



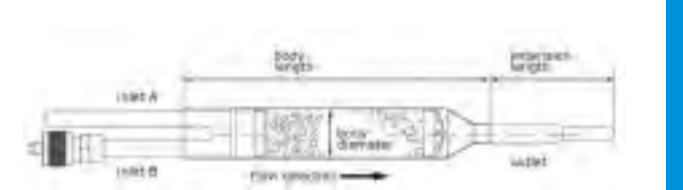
Inlet / outlet size on request

### Standard - Ending type(021)



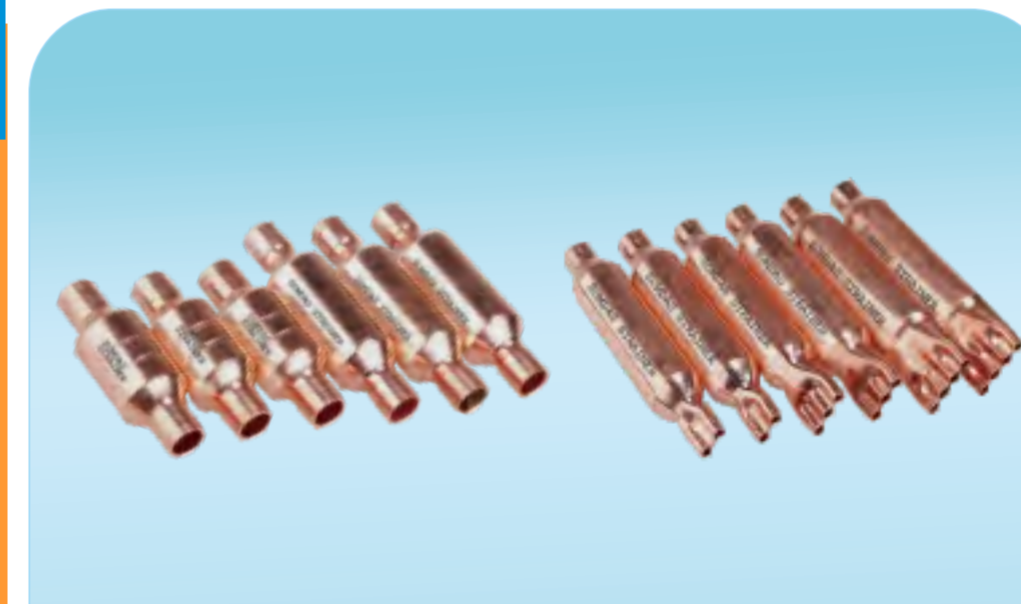
Inlet / outlet size on request

### Standard - Ending type(022)



Inlet / outlet size on request

### Copper Strainer



NEWEX copper strainers are specially designed with oversized screen for protecting, filtering air conditioning or dehumidifying system from dirt and contaminant.

### Feature:

- Body shell: Cu-DHP
- Screen: 200 mesh

### Copper Accumulator



NEWEX accumulator is an important part to compressor. Its main functions are liquid storage, liquid/gas separation, impurity filtering, noise reduction and refrigerant cushion.

### Feature:

- Body shell: Cu-DHP
- Dimension: On request

# Copper Coils

## Copper Coils



### Application:

Copper coils are used mainly to transport refrigerant gas, liquids in refrigeration and air conditioning units as well as heat exchangers.



### Packaging:

Ends capped, in shrinking wrapped bag in cardboard box.

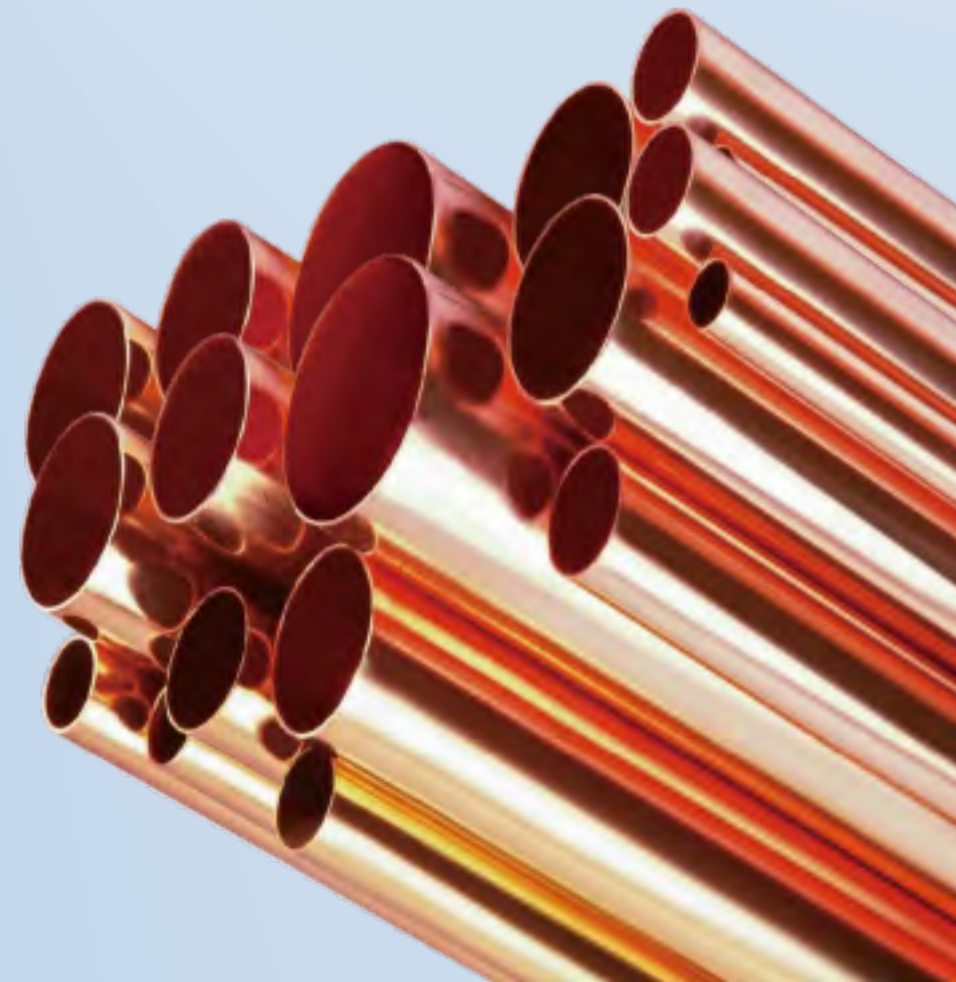
### Refrigeration Tubes as per ASTM B280, In Coils, soft Temper

Outside Diameter		Wall Thickness	Nominal Weight(Kgs)		Packing	
Inch	mm	Inch/mm	15 Meters	15.24 Meters	Carton Dimension(cm <sup>3</sup> )	Coil per Carton
3/16	4.76	0.03/0.76	1.28	1.30	38x38x16	15
1/4	6.35	0.03/0.76	1.78	1.81	38x38x15	10
5/16	7.94	0.032/0.81	2.43	2.46	38x38x16	10
3/8	9.52	0.032/0.81	2.96	3.01	38x38x20	10
1/2	12.70	0.032/0.81	4.04	4.11	52x52x15	5
5/8	15.88	0.035/0.89	5.60	5.69	52x52x16	5
3/4	19.05	0.035/0.89	6.79	6.90	66x66x13.5	3
7/8	22.22	0.045/1.14	10.09	10.25	66x66x13.5	3
1-1/8	28.58	0.05/1.27	14.57	14.80	74x74x13.5	2

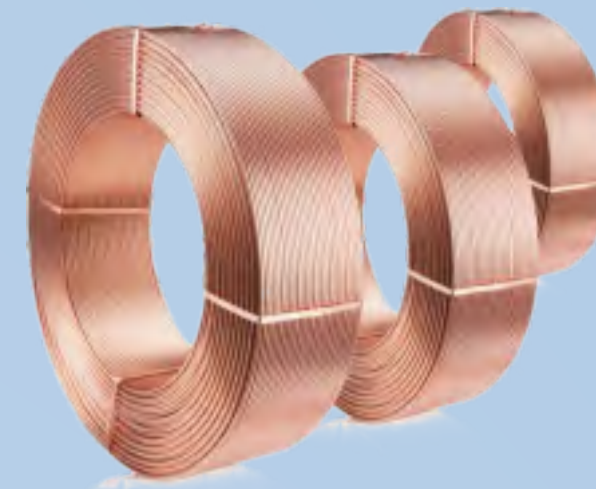
### Refrigeration Tubes as per ASTM B280, Straight Lengths, Hard Temper

Outside Diameter		Wall Thickness		Nominal Weight(Kgs)	
Inch	mm	Inch	mm	5.8 Meters	20ft
3/8	9.52	0.030	0.76	1.08	1.12
1/2	12.70	0.035	0.89	1.71	1.77
5/8	15.88	0.040	1.02	2.46	2.55
3/4	19.05	0.042	1.07	3.12	3.23
7/8	22.22	0.045	1.14	3.90	4.04
1-1/8	28.58	0.050	1.27	5.63	5.83
1-3/8	34.93	0.055	1.40	7.62	7.88
1-5/8	41.28	0.060	1.52	9.81	10.15
2-1/8	53.98	0.070	1.78	15.09	15.61
2-5/8	66.67	0.080	2.03	21.31	22.05
3-1/8	79.38	0.090	2.29	28.67	29.66
3-5/8	92.08	0.100	2.54	36.93	38.21
4-1/8	105	0.110	2.79	46.31	47.91

## Copper Straight Tube



## LWC (Level Wound Coil)



Outside Diameter		Wall Thickness (mm)										
Outside	Diameter	0.30	0.35	0.41	0.50	0.60	0.70	0.75	0.80	0.90	1.00	1.20
3/16	4.76	●	●	●	●	●	●	●	●	●	●	—
1/4	6.35	●	●	●	●	●	●	●	●	●	●	●
5/16	7.94	—	●	●	●	●	●	●	●	●	●	●
3/8	9.52	—	●	●	●	●	●	●	●	●	●	●
1/2	12.70	—	—	●	●	●	●	●	●	●	●	●
5/8	15.88	—	—	—	—	●	●	●	●	●	●	●
3/4	19.05	—	—	—	—	●	●	●	●	●	●	●

### Application:

NEWEX LWC (Level Wound Coil) copper tube is a convenient solution for manufacturers and contractors when large quantity soft tubing is required. Copper material is made of C12200 DHP and in accordance with ASTM B-743. Available in soft annealed, light annealed and hard drawn temper.



### Notes:

- Size Available: from 4.76mm to 19.05mm depending on the wall thickness.
- Packaging: board reels (approx. 100Kg or 150Kg each coil) on wooden pallets and shrink-wrapped in PE foil.

## Copper Capillary Tube as Per ASTM B360

Outside Diameter		Inside Diameter		Wall Thickness		Weight	
Inch	mm	Inch	mm	Inch	mm	Lb/ft	Kg/M
0.072	1.830	0.026	0.660	0.0230	0.584	0.01373	0.0204
0.072	1.830	0.028	0.711	0.0220	0.558	0.01340	0.0199
0.081	2.060	0.031	0.787	0.0250	0.635	0.01705	0.0254
0.081	2.060	0.033	0.838	0.0240	0.606	0.01666	0.0248
0.087	2.210	0.036	0.914	0.0255	0.648	0.01910	0.0284
0.087	2.210	0.039	0.991	0.0240	0.606	0.01842	0.0239
0.093	2.360	0.042	1.070	0.0255	0.648	0.02096	0.0312
0.097	2.470	0.046	1.170	0.0250	0.648	0.02221	0.0331
0.099	2.510	0.049	1.240	0.0250	0.635	0.02253	0.0335
0.106	2.690	0.054	1.370	0.0260	0.660	0.02253	0.0377
0.112	2.840	0.059	1.500	0.0265	0.673	0.02760	0.0411
0.125	3.180	0.064	1.630	0.0305	0.775	0.03511	0.0522
0.125	3.180	0.070	1.780	0.0275	0.698	0.03266	0.0486
0.125	3.180	0.075	1.910	0.0250	0.635	0.03054	0.0454
0.145	3.680	0.080	2.030	0.0325	0.826	0.04453	0.0663
0.145	3.680	0.085	2.160	0.0300	0.762	0.04202	0.0625
0.145	3.680	0.090	2.290	0.0275	0.698	0.03936	0.0586
0.160	4.060	0.100	2.540	0.0300	0.762	0.04750	0.0707
0.160	4.060	0.110	2.790	0.0250	0.635	0.04111	0.0611
0.188	4.780	0.120	3.030	0.0340	0.864	0.06377	0.0949
0.188	4.780	0.130	3.300	0.0290	0.737	0.05616	0.0836
0.200	5.080	0.145	3.680	0.0275	0.698	0.05779	0.0860
0.220	5.590	0.160	4.060	0.0300	0.762	0.06943	0.1030
0.240	6.100	0.175	4.450	0.0325	0.826	0.08107	0.1210

### Application:

NEWEX copper capillary tube is used for restrictor application in HVAC/R system.

### Notes:

- Material: Copper alloy C12200.
- Specification: According to individual customer specifications.
- Packaging: Straight length in wooden boxes, Coils in carton boxes.

# Copper Fittings

## Copper Fittings



### Application

Mainly used in various types of water pipes, heating, refrigeration copper pipe connection, but also commonly used in the manufacture of heat transfer equipment.

### Feature

- ✦ Excellent thermal conductivity,
- ✦ good bending and deformation ability,
- ✦ high low temperature strength,
- ✦ high temperature and high pressure resistance,
- ✦ safe and reliable not easy to corrosion.

### Packing



Inner bag



Outer box



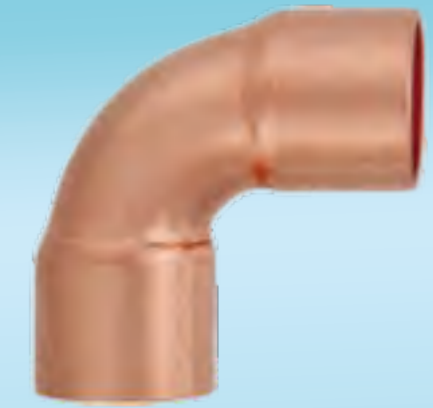
Wood pallet

### Coupling with Roll-Stop C x C



Model	O.D.Size (Inch)
NCRS-1/4	1/4"
NCRS-3/8	3/8"
NCRS-1/2	1/2"
NCRS-5/8	5/8"
NCRS-3/4	3/4"
NCRS-7/8	7/8"
NCRS-1	1"
NCRS-1-1/8	1-1/8"
NCRS-1-1/4	1-1/4"
NCRS-1-3/8	1-3/8"
NCRS-1-1/2	1-1/2"
NCRS-1-5/8	1-5/8"
NCRS-1-3/4	1-3/4"
NCRS-2-1/8	2-1/8"

### 90° Elbow-Short Radius C x C



Model	O.D.Size (Inch)
NESR-1/4	1/4"
NESR-3/8	3/8"
NESR-1/2	1/2"
NESR-5/8	5/8"
NESR-3/4	3/4"
NESR-7/8	7/8"
NESR-1	1"
NESR-1-1/8	1-1/8"
NESR-1-1/4	1-1/4"
NESR-1-3/8	1-3/8"
NESR-1-1/2	1-1/2"
NESR-1-5/8	1-5/8"
NESR-1-3/4	1-3/4"
NESR-2-1/8	2-1/8"

### Cap (Tube End)



Model	O.D.Size (Inch)
NC-1/4	1/4"
NC-3/8	3/8"
NC-1/2	1/2"
NC-5/8	5/8"
NC-3/4	3/4"
NC-7/8	7/8"
NC-1-1/8	1-1/8"
NC-1-3/8	1-3/8"
NC-1-5/8	1-5/8"
NC-2-1/8	2-1/8"
NC-2-5/8	2-5/8"
NC-3-1/8	3-1/8"

### 45° Elbow C x C



Model	O.D.Size (Inch)
NE-1/4	1/4"
NE-3/8	3/8"
NE-1/2	1/2"
NE-5/8	5/8"
NE-3/4	3/4"
NE-7/8	7/8"
NE-1	1"
NE-1-1/8	1-1/8"
NE-1-1/4	1-1/4"
NE-1-3/8	1-3/8"
NE-1-1/2	1-1/2"
NE-1-5/8	1-5/8"
NE-1-3/4	1-3/4"
NE-2-1/8	2-1/8"

### Adapter Femal C x F



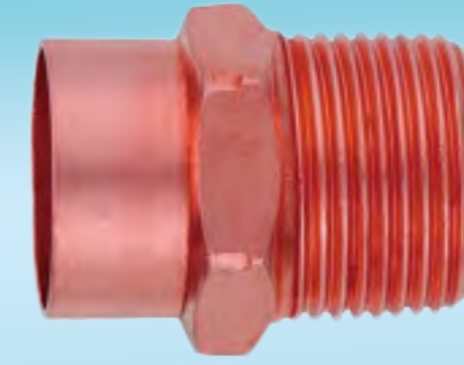
Model	O.D.Size (Inch)
NFA-1/4	1/4"
NFA-3/8	3/8"
NFA-1/2	1/2"
NFA-3/4	3/4"
NFA-7/8	7/8"
NFA-1-1/8	1-1/8"
NFA-1-3/8	1-3/8"
NFA-1-5/8	1-5/8"
NFA-2-1/8	2-1/8"
NFA-2-5/8	2-5/8"
NFA-3-1/8	3-1/8"
NFA-4-1/8	4-1/8"

### Suction Line (P-trap) C x C



Model	O.D.Size (Inch)
NPT-1/2	1/2"
NPT-5/8	5/8"
NPT-3/4	3/4"
NPT-7/8	7/8"
NPT-1-1/8	1-1/8"
NPT-1-3/8	1-3/8"
NPT-1-5/8	1-5/8"
NPT-2-1/8	2-1/8"
NPT-2-5/8	2-5/8"

### Adapter Male C x M



Model	O.D.Size (Inch)
NMA-1/4	1/4"
NMA-3/8	3/8"
NMA-1/2	1/2"
NMA-3/4	3/4"
NMA-7/8	7/8"
NMA-1-1/8	1-1/8"
NMA-1-3/8	1-3/8"
NMA-1-5/8	1-5/8"
NMA-2-1/8	2-1/8"
NMA-2-5/8	2-5/8"
NMA-3-1/8	3-1/8"
NMA-4-1/8	4-1/8"

### Coupling Reducing C x C



Model	O.D.Size (Inch)
NRC-1/4x3/16	1/4" x 3/16"
NRC-3/8x1/4	3/8" x 1/4"
NRC-3/8x5/16	3/8" x 5/16"
NRC-1/2x1/4	1/2" x 1/4"
NRC-1/2x5/16	1/2" x 5/16"
NRC-5/8x1/4	5/8" x 1/4"
NRC-5/8x3/8	5/8" x 3/8"
NRC-5/8x1/2	5/8" x 1/2"
NRC-3/4x3/8	3/4" x 3/8"
NRC-3/4x1/4	3/4" x 1/4"
NRC-3/4x1/2	3/4" x 1/2"
NRC-3/4x5/8	3/4" x 5/8"
NRC-7/8x1/4	7/8" x 1/4"
NRC-7/8x3/8	7/8" x 3/8"
NRC-7/8x1/2	7/8" x 1/2"
NRC-7/8x5/8	7/8" x 5/8"
NRC-7/8x3/4	7/8" x 3/4"
NRC-1x1/2	1" x 1/2"
NRC-1x5/8	1" x 5/8"
NRC-1x7/8	1" x 7/8"
NRC-1x3/4	1" x 3/4"
NRC-1-1/8x3/8	1-1/8" x 3/8"
NRC-1-1/8x1/2	1-1/8" x 1/2"
NRC-1-1/8x5/8	1-1/8" x 5/8"
NRC-1-1/8x3/4	1-1/8" x 3/4"
NRC-1-1/8x7/8	1-1/8" x 7/8"
NRC-1-1/8x1	1-1/8" x 1"
NRC-1-1/4x1-1/8	1-1/4" x 1-1/8"
NRC-1-3/8x3/8	1-3/8" x 3/8"
NRC-1-3/8x1/2	1-3/8" x 1/2"
NRC-1-3/8x5/8	1-3/8" x 5/8"
NRC-1-3/8x3/4	1-3/8" x 3/4"
NRC-1-3/8x7/8	1-3/8" x 7/8"
NRC-1-3/8x1-1/8	1-3/8" x 1-1/8"
NRC-1-5/8x3/4	1-5/8" x 3/4"
NRC-1-5/8x7/8	1-5/8" x 7/8"
NRC-1-5/8x1-1/8	1-5/8" x 1-1/8"
NRC-1-5/8x1-3/8	1-5/8" x 1-3/8"

### 90° Elbow-Long Radius C x C



Model	O.D.Size (Inch)
NELR-1/4	1/4"
NELR-3/8	3/8"
NELR-1/2	1/2"
NELR-5/8	5/8"
NELR-3/4	3/4"
NELR-7/8	7/8"
NELR-1	1"
NELR-1-1/8	1-1/8"
NELR-1-1/4	1-1/4"
NELR-1-3/8	1-3/8"
NELR-1-1/2	1-1/2"
NELR-1-5/8	1-5/8"
NELR-1-3/4	1-3/4"
NELR-2-1/8	2-1/8"

### Equal Tee C x C x C



Model	O.D.Size (Inch)
NET-1/4	1/4"
NET-3/8	3/8"
NET-1/2	1/2"
NET-5/8	5/8"
NET-3/4	3/4"
NET-7/8	7/8"
NET-1	1"
NET-1-1/8	1-1/8"
NET-1-1/4	1-1/4"
NET-1-3/8	1-3/8"
NET-1-1/2	1-1/2"
NET-1-5/8	1-5/8"
NET-1-3/4	1-3/4"
NET-2-1/8	2-1/8"

### 180°Return Bend Cx C



Model	O.D.Size (Inch)
NRB-1/2	1/2"
NRB-5/8	5/8"
NRB-1	1"
NRB-3/4	3/4"
NRB-7/8	7/8"
NRB-1-1/8	1-1/8"
NRB-1-3/8	1-3/8"
NRB-1-5/8	1-5/8"
NRB-2-1/8	2-1/8"



# Refrigerant



## Refrigerant Gas

NEWEX is dedicated to supply refrigerant gas with top quality.

**Top Quality  
Timely Delivery  
Customization**



### R410A



### R507



### R600A



### R290



Item	Regular Packaging kg	ODP	GWP	Molecular Weight	Boiling Point °C	Critical Temperature °C	Critical Pressure Mpa	Purity %	Moisture Ppm	Acidity MMp	Vapor Residue Ppm
R410A	25lb/11.3Kg	0	2000	72.58	-51.6	72.5	4.95	≥99.9	≤10	≤1	≤100
R507	25lb/11.3Kg	0	3900	98.86	-47.1	70.9	3.79	≥99.9	≤10	≤1	≤100
R600A	11lb/5.0Kg	0	3	58.12	-11.7	134.7	3.64	≥99.9	≤10	≤1	≤100
R290	11lb/5.0Kg	0	0.01	44.1	-42.07	96.7	4.24	≥99.9	≤20	≤1	≤100

### R32



### R406A



### R415B



### R417A



Item	Regular Packaging kg	ODP	GWP	Molecular Weight	Boiling Point °C	Critical Temperature °C	Critical Pressure Mpa	Purity %	Moisture Ppm	Acidity MMp	Vapor Residue Ppm
R32	30lb/10.0kg	0	550	52.02	-51.7	78.3	5.81	≥99.9	≤10	≤1	≤100
R406A	30lb/13.6Kg	0.038	2060	89.86	-32.7	116.5	4.88	≥99.9	≤10	≤1	≤100
R415B	30lb/13.6Kg	0.009	530	70.2	-26.72	124	4.77	≥99.9	≤10	≤1	≤100
R417A	25lb/11.3Kg	0	-	106.75	-41.8	89.9	4.1	≥99.9	≤10	≤1	≤100

### R22



### R134A



### R404A



### R407C



Item	Regular Packaging kg	ODP	GWP	Molecular Weight	Boiling Point °C	Critical Temperature °C	Critical Pressure Mpa	Purity %	Moisture Ppm	Acidity MMp	Vapor Residue Ppm
R22	30lb/13.6Kg	0.034	1700	86.47	-40.8	96.2	4.99	≥99.9	≤10	≤1	≤100
R134A	30lb/13.6Kg	0	1200	102.03	-26.1	101.1	4.05	≥99.9	≤10	≤1	≤100
R404A	24lb/10.9Kg	0	3800	97.6	-46.5	72.1	3.74	≥99.9	≤10	≤1	≤100
R407C	25lb/11.3Kg	0	1700	86.2	-43.8	87.3	4.63	≥99.9	≤10	≤1	≤100

### HFO-1234yf/HFO-1234ze



#### New Type Refrigerant

##### HFO-1234yf

2,3,3,3-Tetrafluoropropylene  
CAS NO. : 754-12-1

##### HFO-1234ze

1,3,3,3-tetrafluoroprop-1-ene  
CAS NO. : 1645-83-6

Physical Properties	HFO-1234yf	HFO-1234ze
MolecularFormula	C3H2F4	C3H2F4
Molecular Weight	114.04	114.04
Melting Point °C	-152	/
Boiling Temperature(°C)	-28	-16
Density of Liquid at 25°C, g/cm <sup>3</sup>	1.203	1.18
ODP	0	0
GWP	6	6

### Small Can Packing



Capacity	Carton
300ML	30 CANS/CARTON
340ML	30 CANS/CARTON
500ML	12 CANS/CARTON
750ML	12 CANS/CARTON
1000ML	12 CANS/CARTON

# Scroll Compressor



**Panasonic**

(**SANYO**)

C-SB & C-SC Series Scroll Compressor

## R410A series (1Phase, 60Hz, 208-230V)

Model	HP	Displ. m/h	Capacity (3W)	Input Power (W)	COP
C-SBP105H16A	3.0	35.0	10500	3800	2.76
C-SBP120H16A	3.5	39.9	12100	4270	2.81
C-SBP130H16A	3.7	42.4	13200	4600	2.87
C-SBP140H16A	4.0	46.4	14300	4930	2.90
C-SBP150H16A	4.3	48.9	14800	5100	2.90
C-SBP160H16A	4.6	51.8	15800	5640	2.80

## R410A series (3Phase, 60Hz, 208-230V)

Model	HP	Displ. m/h	Capacity (3W)	Input Power (W)	COP
C-SBP120H36A	3.5	39.9	12200	4360	2.80
C-SBP140H36A	4.0	46.4	14200	4900	2.90
C-SBP160H36A	4.6	51.8	16100	5500	2.93
C-SBP170H36A	5.0	55.7	17400	5700	3.05
C-SBP205H36A	6.0	66.8	20500	6720	3.05
C-SBP235H36A	7.0	77.4	24000	8000	3.00
C-SCP270H36A	8.0	89.2	27500	8870	3.1
C-SCP315H36A	10.0	104.1	32200	10290	3.13
C-SCP400H36A	12.0	131.9	40300	12920	3.12
C-SCP510H36B	15.0	171.2	54000	17420	3.10

## R410A Series (3Phase, 50Hz, 380-415V / 3Phase, 60Hz, 440-460V)

	Displ. m/h	50Hz			60Hz		
		Capacity(W)	Input Power(W)	COP	Capacity(W)	Input Power(W)	COP
C-SBN233H8E	3.0	8600	-	-	-	-	-
C-SBN263H8D	3.5	8850	3550	2.49	11600	4200.0	2.8
C-SBN303H8D	4.0	9800	3660	2.68	12200	4250.0	2.9
C-SBN353H8D	4.5	13000	4640	2.8	16200	5460.0	3.0
C-SBN373H8D	5.0	14100	4750	2.97	17100	5610.0	3.1
C-SBN453H8D	6.0	16400	5750	2.85	20300	6740.0	3.0
C-SBN523H8D	7.0	19200	6760	2.84	23400	7850.0	3.0

## R22 series (1Phase, 60Hz, 208-230V)

Model	HP	Displ. m/h	Capacity (3W)	Input Power (W)	COP
C-SBR120H16A	3.5	55.7	12100	3750	3.23
C-SBR145H16A	4.0	66.8	14500	4450	3.26
C-SBR165H16A	4.5	77.4	16800	5250	3.20
C-SBR180H16A	5.0	83.2	18000	5750	3.13

## R22 Series (3Phase, 60Hz, 208-230V)

Model	HP	Displ. m/h	Capacity (W)	Input Power (W)	COP
C-SB263H6B	3.5	55.7	11900	3700	3.22
C-SB303H6B	4.0	66.8	14400	4400	3.27
C-SB353H6B	4.5	77.4	16800	5110	3.29
C-SB373H6B	5.0	83.2	18100	5450	3.32
C-SB453H6B	6.0	100.0	21300	6550	3.25
C-SBR235H36A	7.0	110.2	23300	7100	3.28
C-SC603H6H	8.0	131.9	29600	8940	3.31
C-SC753H6H	10.0	171.2	37000	11010	3.36
C-SC903H6H	12.0	205.4	43200	13710	3.15

## R22 Series (3Phase, 50Hz, 380-415V / 3Phase, 60Hz, 440-460V)

Model	HP	Displ. m/h	50Hz			60Hz		
			Capacity(W)	Input Power(W)	COP	Capacity(W)	Input Power(W)	COP
C-SB263H8A	3.5	55.7	9600	3100	3.1	11800	3700.0	3.2
C-SB303H8A	4.0	66.8	11800	3650	3.23	14400	4400.0	3.3
C-SB353H8A	4.5	77.4	13500	4250	3.18	16700	5090.0	3.3
C-SB373H8A	5.0	83.2	14500	4550	3.19	17900	5540.0	3.2
C-SB453H8A	6.0	100.0	17700	5430	3.26	21500	6640.0	3.2
C-SBR235H38A	7.0	110.2	19200	6000	3.2	23200	7100.0	3.3
C-SC603H8H	8.0	137.0	24500	7400	3.31	29600	9000.0	3.3
C-SC753H8H	10.0	171.2	30600	9050	3.38	36900	11110.0	3.3
C-SC903H8H	12.0	205.4	36100	10910	3.31	-	-	-

ARI: Evaporating 7.2°C, Condensing 54.4°C, Superheat 11K, Subcooling 8.3K

## Rotary Compressor



Rotary Compressor

### R-22, 1φ-50Hz-220/240V

Model	BTU	Displ. cm <sup>3</sup> /rev	Cooling		Power W	Pcs/Pallet	Highly Model	Pcs/Pallet
			W	Btu/h				
HSM165V3UDZ	9K	16.4	2870	9792	910	80		
HSM165V1UFZ	9K	16.4	2845	9707	870	80	SD156CV-H6AU	72
PH165X1C-4DZDE2	9K	16.5	2810	9588	920	80		
HSM215V4UFTA	12K	21.4	3720	12693	1155	60	SL211CV-C7LU	50
PH310M2CS-4KUH	18K	31.0	5470	18663	1710	60	SHY33MC4-U	50
PH370G2CS-4MU1	22K	37	6650	22690	2065	48	SH401MV	50
PH400G2CS-4KU1	24K	39.8	7015	23935	2260	48	SHV33YC6-U	50
PH420G2CS-4KU1	25K	42.3	7420	25317	2390	48	TH428UV	50

Test condition : ASH

### R-22, 1φ-60Hz-208/230V

Model	BTU	Displ. cm <sup>3</sup> /rev	Cooling		Power W	Pcs/Pallet	Highly Model	Pcs/Pallet
			W	Btu/h				
PH130M1C-3DZDU1	9K	13.1	2660	9076	850	80		
HSM130N12UDZB	9K	13.0	2695	9195	840	80	SD134SN-H3AG	72
HSM170N2UDZ	12K	16.9	3495	11925	1075	80	SG173SN-H6CU	72
PH180G1C-3FTU2	13K	18.1	3795	12949	1225	60		
PH240M2C-3FTU1	18K	23.9	5005	17077	1575	60	SL253SN-C7EU	50
PH330G2C-3MUU1	24K	32.8	7040	24020	2215	48	SHW73TC4-U	50

Test condition : ASH

### R410A, 1φ-50Hz-220/240V

Model	BTU	Displ. cm <sup>3</sup> /rev	Cooling		Power W	Pcs/Pallet	Highly Model	Pcs/Pallet
			W	Btu/h				
PA108M1C-4DZDE2	9K	10.8	2570	8769	860	80	ASG108CV-B7AT	72
PA145G1C-4FT1	12K	14.7	3600	12283	1225	60	ASG145CV-A7AT	72
PA215M2CS-4KU	18K	21.4	5255	17930	1790	60	ASL211SV-C7LU1	50
PA270G2CS-4MU1	24K	27	6830	23304	2285	48	ASH280TV-C8CU	50

Test condition : ASH

### R410A, 1φ-60Hz-208/230V

Model	BTU	Displ. cm <sup>3</sup> /rev	Cooling		Power W	Pcs/Pallet	Highly Model	Pcs/Pallet
			W	Btu/h				
ASN89N1UDZ	9K	8.9	2700	9212	870	80	ASD084SN-H3AU	72
PA118M1C-3FZU	12K	11.8	3390	11567	1125	80	ASG112UN-A6DTN	72
PA170M2C-3ETU	18K	17.1	5025	17145	1690	60	ASL180SN-C7LU	50
PA240M2C-3MTU2	24K	23.9	7105	24242	2370	60	ASH201SN-C8LU	50

Test condition : ASH



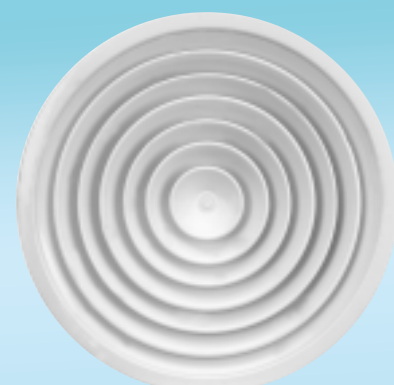
# Air Diffuser

## Air Diffuser

Air Diffuser provides excellent Air distribution and is suitable for Air conditioning systems and combined hvac ceiling systems. The air outlet has a superior architectural appearance, suitable for long corridors, large public areas, office layout and so on.



### ROUND CEILING DIFFUSER



RCD-VA



RCD-VB(ceiling replacement)



RCD-VC(standard)

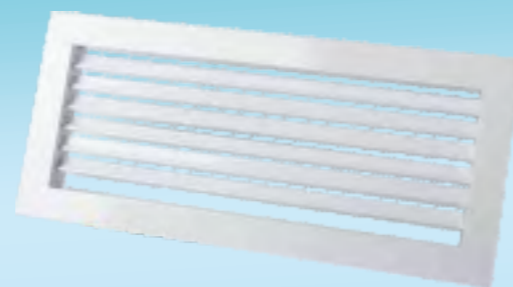
### ROUND CEILING DIFFUSER



RCD-VD(Medium)



RCD-VH(High ceiling)



SDG-VA

### RETURN GRILLE



RG-VA



RG-VB



RG-VD

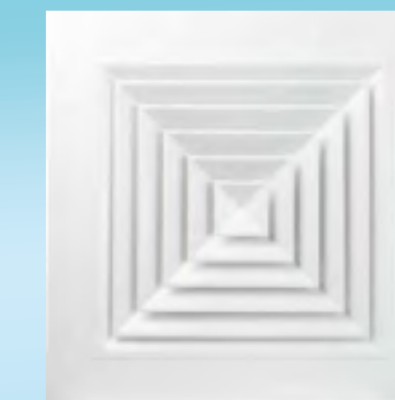
### SQUARE CEILING DIFFUSER



SCD-VA (standard)

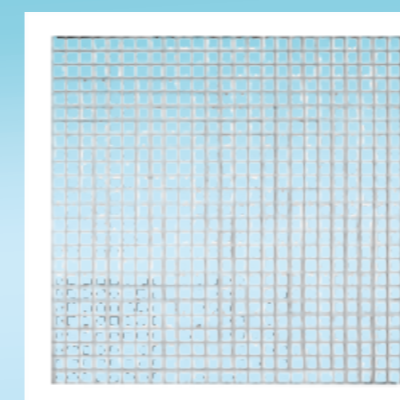


SCD-VB (XType)

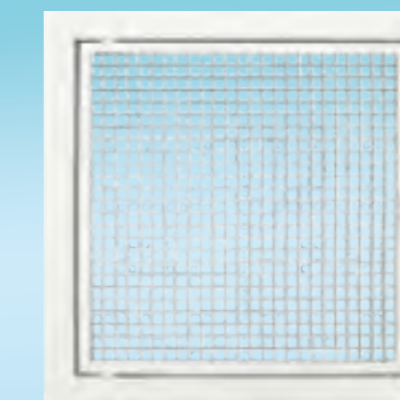


SCD-VC(Ceiling replacement type)

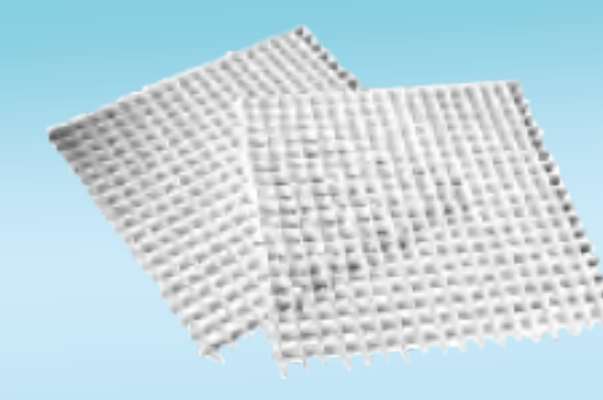
### EGG CRATE GRILLE



EG-VA



EG-VB

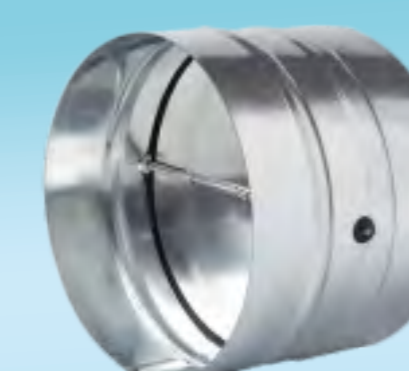


EG-VC

### VOLUME CONTROL DAMPER



VCD-VA

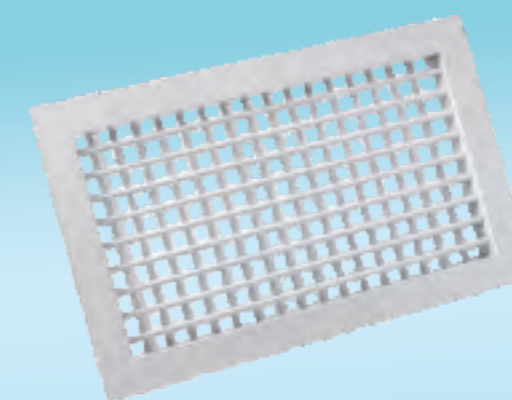


VCD-VB



Back Draught Damper

### DOUBLE DEFLECTION GRILLE



DDG-VA



DDG-VB



DDG-VD

JET NOZZLE



JD-VA



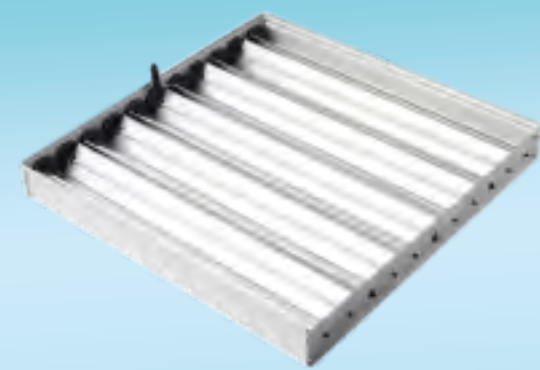
JD-VB

DRUM JET DIFFUSER



JD-VJ

OPPOSED BLADES DAMPER



OBD-VA



OBD-VB

GRAVITY LOUVER



GL-VA

METAL DISE VALVE



DV-VE



DV-VS

DOOR GRILLE/TRANSFER GRILLE



DG-VA

RING JET DIFFUSER



JD-VC



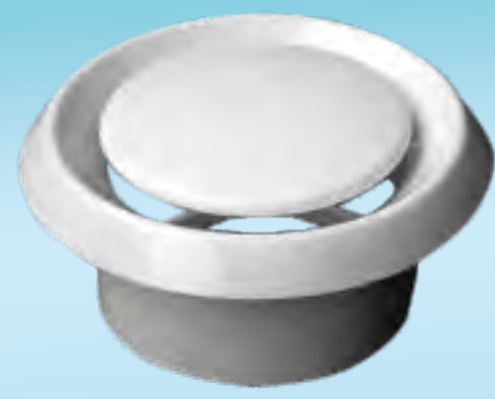
JD-VF

ROUND SWIRL DIFFUSER



SD-VC

PLASTIC DISC VALVE



DV-VE



DV-VS

SLIDE DAMPER



BALL WEATHER LOUVER



BWL-VA



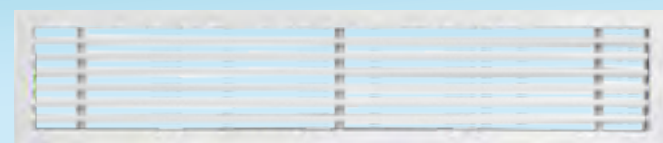
BWL-VB

SQUARE SWIRL DIFFUSER



SD-VA

LINEAR BAR GRILLE



LG-VA



LG-VC

SLOT DIFFUSER



LSD-VA

WEATHER LOUVER



WL-VA



WL-VR

SQUARE SWIRL DIFFUSER



SD-VD1

## Vacuum Pump & Refrigerant Recovery Unit

With solenoid valve and vacuum gauge

### Standard Type



#### Feature:

- Forced oil cycling system.
- Big sight glass for monitoring oil level.
- Integrated body structure.
- Automatic anti-backflow valve design.
- High accuracy vacuum gauge shows system pressure



#### Note:

The pump could be assembled with the solenoid valve and the vacuum gauge

### Single Stage

Model	Flow Rate				Ultimate Vacuum		Power (HP)	Inlet Port (Flare)	Oil Capacity (ml)	Dimensions (mm)	Weight (Kg)
	50Hz		60Hz								
VE115	1.5 CFM	42 L/min	1.8 CFM	50 L/min	5 Pa	0.05 mbar	1/4	1/4"	310	285*124*230	6.3
VE125	2.5 CFM	70 L/min	3.0 CFM	84 L/min	5 Pa	0.05 mbar	1/4	1/4"	310	285*124*230	7.1
VE135	3.5 CFM	100 L/min	4.0 CFM	114 L/min	5 Pa	0.05 mbar	1/3	1/4"&3/8"	310	315*124*240	8.1
VE145	4.5 CFM	128 L/min	5.0 CFM	142 L/min	5 Pa	0.05 mbar	1/3	1/4"&3/8"	300	315*124*240	8.2
VE160	6.0 CFM	170 L/min	7.0 CFM	198 L/min	5 Pa	0.05 mbar	1/2	1/4"&3/8"	440	335*138*250	10.5
VE180	8.0 CFM	226 L/min	9.0 CFM	254 L/min	5 Pa	0.05 mbar	3/4	1/4"&3/8"	890	400*145*270	15

### Dual Stage

Model	Flow Rate				Ultimate Vacuum		Power (HP)	Inlet Port (Flare)	Oil Capacity (ml)	Dimensions (mm)	Weight (Kg)
	50Hz		60Hz								
VE215	1.5 CFM	42 L/min	1.8 CFM	50 L/min	3*10 Pa	25 micron	1/4	1/4"	200	308*124*230	7.5
VE225	2.5 CFM	70 L/min	3.0 CFM	84 L/min	3*10 Pa	25 micron	1/3	1/4"	250	315*124*240	8.6
VE235	3.5 CFM	100 L/min	4.0 CFM	114 L/min	3*10 Pa	25 micron	1/3	1/4"&3/8"	350	335*138*250	11.2
VE245	4.5 CFM	128 L/min	5.0 CFM	142 L/min	3*10 Pa	25 micron	1/2	1/4"&3/8"	330	335*138*250	11.4
VE260	6.0 CFM	170 L/min	7.0 CFM	198 L/min	3*10 Pa	25 micron	3/4	1/4"&3/8"	700	400*145*270	16.5
VE280	8.0 CFM	226 L/min	9.0 CFM	254 L/min	3*10 Pa	25 micron	1	1/4"&3/8"	590	400*145*270	16.7
VE2100	10.0 CFM	283 L/min	12.0 CFM	340 L/min	3*10 Pa	25 micron	1	1/4"&3/8"	590	400*145*270	16.7

## Refrigerant Recovery Unit



Model	VRR12A			VRR12C			
Refrigerants	Categorys III: R12, R134a, R401C, R500 Categorys IV: R22, R401A, R401B, R402B, R407C, R407D, R408A, R409A, R411A, R411B, R412A, R502, R509 Categorys V: R402A, R404A, R407A, R407B, R410A, R507, R32						
Power Supply	220-240V, 50/60Hz						
Motor	1HP			3/4HP			
Motor Speed	1450rpm/1750rpm						
Maximal Current Draw	4A						
Compressor	Oil-less, Air-cooled, Piston type						
Automatic safety shut-off	38.5bar/3850kPa(558psi)						
Recovery rate (Kg/min)	Vapor	III	IV	V	III	IV	V
	Liquid	0.2	0.25	0.25	0.15	0.2	0.2
	Push/pull	1.6	1.8	2.2	1.4	1.5	1.9
		4.6	5.6	6.3	4.1	5	5.7
Operation Temp.	0°C-40°C						
Dimensions	500*230*340mm			530*230*340mm			
Weight	16.0kg			18.0kg			



Model	VRR12A			VRR12C			
Refrigerants	Categorys III: R12, R134a, R401C, R500 Categorys IV: R22, R401A, R401B, R402B, R407C, R407D, R408A, R409A, R411A, R411B, R412A, R502, R509 Categorys V: R402A, R404A, R407A, R407B, R410A, R507, R32						
Power Supply	220-240V, 50/60Hz						
Motor	1HP			3/4HP			
Motor Speed	1450rpm/1750rpm						
Maximal Current Draw	5A						
Compressor	Oil-less, Air-cooled, Piston type						
Automatic safety shut-off	38.5bar/3850kPa(558psi)						
Recovery rate (Kg/min)	Vapor	III	IV	V	III	IV	V
	Liquid	0.4	0.5	0.5	0.35	0.45	0.45
	Push/pull	3	3.5	3.5	2.5	3	3
		7.5	8.5	9.5	6.7	7.5	8.5
Operation Temp.	0°C-40°C						
Dimensions	515*245*360mm			545*245*360mm			
Weight	16.0kg			18.0kg			

## Capacitor & Contactor

### Capacitor



More Professional,  
More Reliable,  
More Helpful



### Contactors



### Capacitor

#### CBB61



- For motor run applications.
- Flame retardant plastic(bakelite on request) case.
- Operating temperature:- 40°C to + 70°C.
- Rated frequency:50/60Hz.
- Pin or wire outlet.

#### CBB65



- For motor run applications.
- Aluminum round cylinder.
- Operating temperature:- 40°C to + 70°C.
- Rated frequency:50/60Hz.

#### CBB60



- For motor run applications.
- Flame retardant plastic(bakelite on request) case.
- Operating temperature:- 40°C to + 70°C.
- Rated frequency:50/60Hz.
- Pin or wire outlet.

#### CD60



- For motor starting applications.
- Flame retardant plastic(bakelite on request) case.
- Operating temperature:- 40°C to + 65°C.
- Rated frequency:50/60Hz.

#### Hard Start Kit Capacitor



- For motor starting applications.
- Completely pre-wired.
- Rated frequency:50/60Hz.

### 2 Poles Definite Purpose Contactors



- Universal mounting.
- 50/60 cycles.
- Compact size.
- Fields serviceable.

Part No.	Poles	Full Load Amp (FLA)	Lock Rotor Amp@240 LRA	Resistive (Amp)	Coil Voltage	Master Box
DPCA-230	2	30	150	40	24	50
DPCB-230	2	30	125	40	120	50
DPCC-230	2	30	100	40	240	50
DPCA-240	2	40	240	50	24	50
DPCB-240	2	40	200	50	120	50
DPCC-240	2	40	160	50	240	50

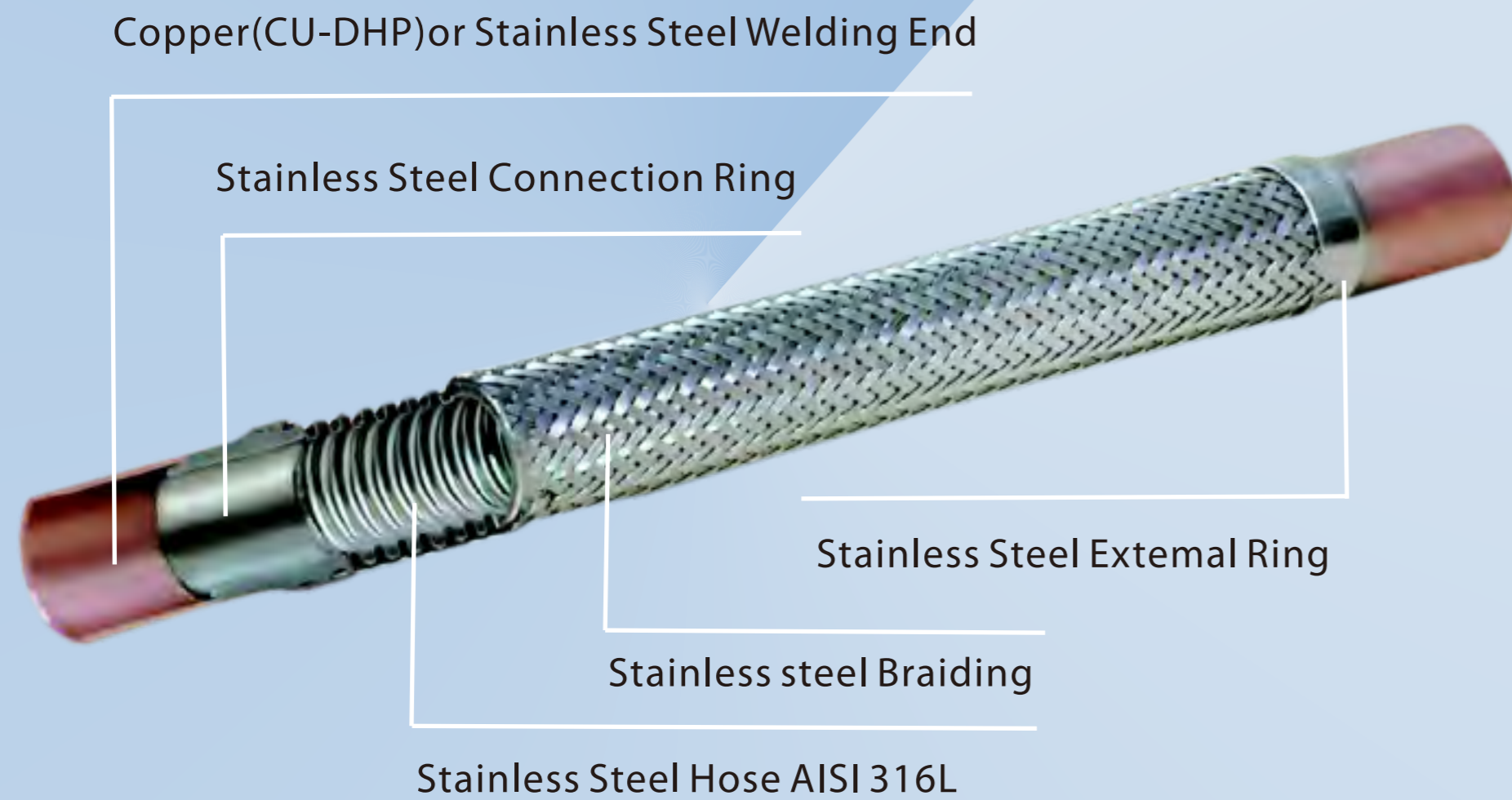
### 3 Poles Definite Purpose Contactors

Part No.	Poles	Full Load Amp (FLA)	Lock Rotor Amp@240 LRA	Resistive (Amp)	Coil Voltage	Master Box
DPCA-330	3	30	180	40	24	50
DPCB-330	3	30	150	40	120	50
DPCC-330	3	30	120	40	240	50
DPCA-340	3	40	240	50	24	50
DPCB-340	3	40	200	50	120	50
DPCC-340	3	40	160	50	240	50
DPCA-350	3	50	300	60	24	40
DPCB-350	3	50	250	60	120	40
DPCC-350	3	50	200	60	240	40
DPCA-360	3	60	360	75	24	40
DPCB-360	3	60	300	75	120	40
DPCC-360	3	60	240	75	240	40
DPCA-375	3	75	-	93	24	20
DPCB-375	3	75	-	93	120	20
DPCC-375	3	75	300	93	240	20



## Vibration Absorber

### Vibration Absorber



### Features:

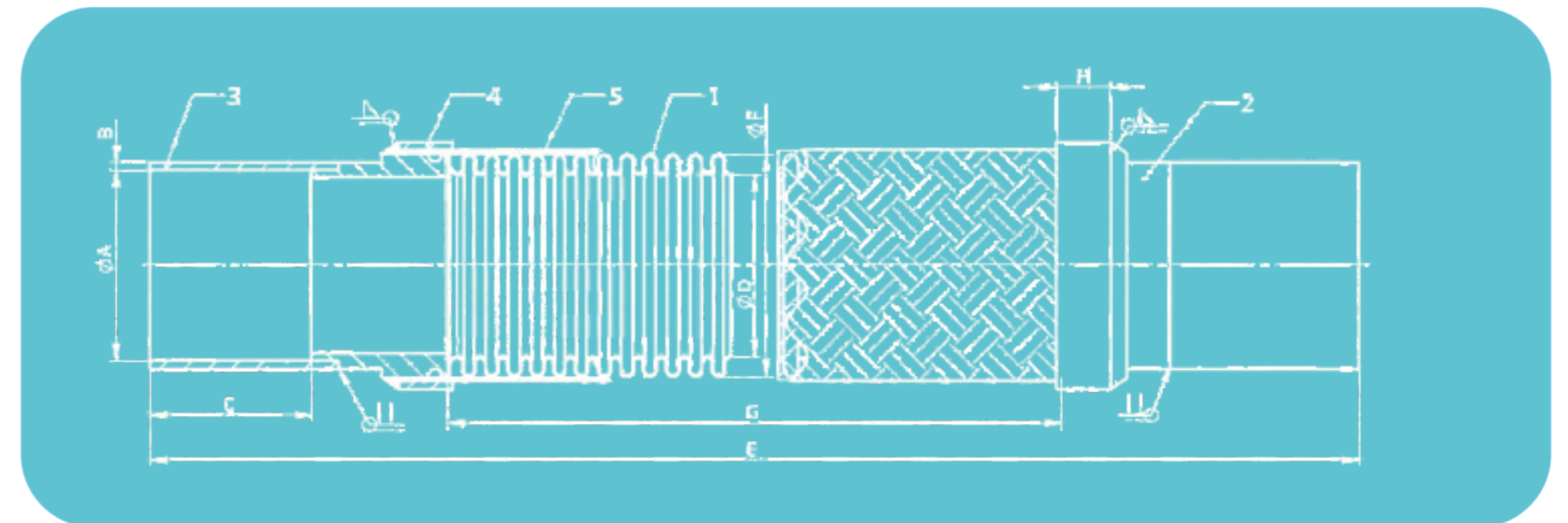
- ✦ Temperature Range: -70/+250 °C
- ✦ Flexible Metal Hose 1: Stainless Steel AISI 316L (EN 1.4404)
- ✦ Connection Ring 2: Stainless Steel AISI 304 (EN 1.4301)
- ✦ External Ring 4: Stainless Steel AISI 304 (EN 1.4301)
- ✦ Braiding 5: Stainless Steel AISI 304 (EN 1.4301)
- ✦ Welded End 3: Copper (Cu-DHP) or Stainless Steel AISI 304 (EN 1.4301)

### Application:

NEWEX Vibration Absorber are assembled using annularly corrugated stainless steel hose and high strength stainless steel braiding and copper or stainless steel welding ends. They are designed for optimum performance mainly in refrigeration systems in order to absorb vibration and related damages also to prevent the noise occurs in mechanical piping of various applications.

Annularly corrugated metal hoses are selected according to the system pressure, temperature and the direction of the vibration and are used in the connections of the tools that cause a high level of vibration such as:

- ✦ Refrigeration Systems
- ✦ Air-conditioning units
- ✦ Heating pumps
- ✦ Pressured systems
- ✦ Pumps, motors, machines, compressors

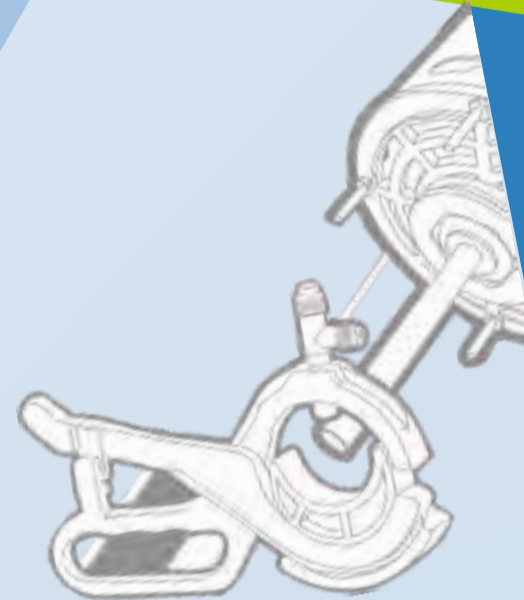


Model	Dimensions (mm)										Max. Working Pressure		Weight
	Size (inches)	ØA	± tol	B	C	E	± tol	D	F	G	H	bar	
Vib 1/4"	6.6	±0.2	1	20	230	±5	6.3	9.9	170	10	44.8	650	0.052
Vib 3/8"	9.7	-0.1/+0.3	1	20	230	±5	10.1	14.4	170	10	44.8	650	0.058
Vib 1/2"	12.9	-0.1/+0.3	1	20	230	±5	12.2	16.2	150	10	44.8	650	0.100
Vib 5/8"	16.2	-0.1/+0.3	1	20	255	±5	15.6	20.8	177	10	44.8	650	0.138
Vib 3/4"	19.3	-0.1/+0.3	1	25	255	±5	15.6	20.8	179	10	44.8	650	0.180
Vib 7/8"	22.4	-0.2/0.3	1.5	25	290	±5	18.8	24.9	204	10	44.8	650	0.202
Vib 1-1/8"	28.9	-0.2/+0.3	1.5	25	330	±5	24.6	31.3	244	10	41.3	600	0.320
Vib 1-3/8"	35.3	-0.2/+0.3	2	30	375	±10	33.7	41.1	279	10	37.9	550	0.554
Vib 1-5/8"	42.3	-0.2/0.3	2.5	35	430	±10	40.8	49.8	314	10	35.1	509	0.800
Vib 2-1/8"	54.3	-0.2/+0.3	2	45	510	±10	51.5	60.4	374	10	27.5	400	1.104



# Motors

## Motors



High product quality,  
customer requirement oriented

- ☀ Precise design and production
- ☀ Low noise high efficiency
- ☀ Reliable operation



## Air-Conditioning Condenser Fan Motors

### Features and Specifications:

- ☀ Double Rotation CW/CCW.
- ☀ Permanent split capacitor.
- ☀ Shaft slinger ring included.
- ☀ 60 cycles.
- ☀ All angle mount (totally enclosed).
- ☀ Frame 48 (5-5/8").
- ☀ Automatic reset thermal protection.
- ☀ Shaft of 1/2", length 5.5".
- ☀ Direct drive air over.
- ☀ Capacitor not included.
- ☀ Insulation class B.
- ☀ Totally enclosed.
- ☀ UL Approved.



Part No.	HP	Power	Amp	RPM	Capacitor (mfd/V)	Bearing	Speeds	Shaft Diameter
NW1873	1/6	208-230/1/60	1.2	825	5X370	Ball	1	1/2"
NW1874	1/4	208-230/1/60	1.9	825	5X370	Ball	1	1/2"
NW1875	1/3	208-230/1/60	2.1	825	7.5X370	Ball	1	1/2"
NW1859	1/6	208-230/1/60	1.6	1075	5X370	Ball	1	1/2"
NW1860	1/4	208-230/1/60	1.8	1075	5X370	Ball	1	1/2"
NW1861	1/3	208-230/1/60	2.1	1075	7.5X370	Ball	1	1/2"
NW1862	1/2	208-230/1/60	2.8	1075	10X370	Ball	1	1/2"
NW1868	3/4	208-230/1/60	4.2	1075	10X370	Ball	1	1/2"
NW5462	1/6, 1/3	208-230/1/60	1.5/2.8	1075	5/7/5X370	Ball	1	1/2"
NW3742	3/4	440-460/1/60	2.0	1075	10X370	Ball	1	1/2"

## Direct Drive Blower Motors

### Features and Specifications:

- ☀ Double Rotation CW/CCW.
- ☀ Continuous Air Over.
- ☀ 60 cycles.
- ☀ All angle mounting.
- ☀ Frame 48 (5-5/8").
- ☀ Automatic reset thermal protection.
- ☀ Shaft of 1/2" with extra long leads.
- ☀ High efficiency.
- ☀ Quiet operation.
- ☀ Capacitor not included.
- ☀ Insulation class B.
- ☀ Open Frame.
- ☀ UL Approved.



Part No.	HP	Power	Amp	RPM	Capacitor (mfd/V)	Bearing	Speeds	Shaft Diameter
NW1971	1/4	208-230/1/60	1.7	1075	5X370	Ball	3	1/2"
NW1972	1/3	208-230/1/60	2.7	1075	5X370	Ball	3	1/2"
Nw1973	1/2	208-230/1/60	3.7	1075	7.5X370	Ball	3	1/2"
Nw8905	3/4	208-230/1/60	4.6	1,075	10X370	Ball	3	1/2"
Nw5461	1/6, 1/2	208-230/1/60	3.9	1,075	10X370	Ball	4	1/2"

## Fan Coil Double Shaft Motors

### Features and Specifications:

- ☀ Permanent split capacitor.
- ☀ Open enclosure.
- ☀ Resilient Base included.
- ☀ Automatic reset thermal protection.
- ☀ Direct drive air over.
- ☀ Insulation class B.
- ☀ 50/60 cycles.
- ☀ 26" Leads.
- ☀ 4 speeds.



Part No.	HP	Speeds	RPM		Volts	Bearing	Shaft Dimensions	
			@50Hz	@60Hz			Diameter	Length
NW504	1/8"	4	1,250	1,500	208/230	Sleeve	1/2"	10" & 10"
NW505	1/6"	4	1,250	1,500	208/230	Sleeve	1/2"	10" & 10"
NW506	1/4"	4	1,250	1,500	208/230	Sleeve	1/2"	10" & 10"
NW507	1/3"	4	1,250	1,500	208/230	Sleeve	1/2"	10" & 10"
NW508	1/2"	4	1,250	1,500	208/230	Sleeve	1/2"	10" & 10"

## Outdoor Unit Fan Motor for Minisplits



Part No.	Power	Watts	Btu/h	Shaft	Image
NW-30-6	220V/1/50-60Hz	30	9KBtu	5/16"	A
NW-35-6	220V/1/50-60Hz	35	12KBtu	5/16"	A
NW-50-6	220V/1/50-60Hz	50	18-24KBtu	1/2"	B

## Shaded Pole Motors



### Features

- ☀ Universal mounting.
- ☀ Class B Insulation.
- ☀ 50/60 cycles.
- ☀ Rotation CW/CCW.
- ☀ RPM: 1300 for 50Hz, 1550 for 60Hz.
- ☀ Base and Fan Blade included.

Part No.	Output(Watts)	Power(Volts)	Fan Size(mm)	Master Box
NW1-5-1	5	115	154	20
NW1-5-2	5	220	154	20
NW1-7-1	7	115	170-200	20
NW1-7-2	7	220	170-200	20
NW1-10-1	10	115	200-230	20
NW1-10-2	10	220	200-230	20
NW1-16-1	16	115	230-250	12
NW1-16-2	16	220	230-250	12
NW1-18-1	18	115	230-250	12
NW1-18-2	18	220	230-250	12
NW1-25-1	25	115	230-250	12
NW1-25-2	25	220	230-250	12
NW1-34-1	34	115	300	12
NW1-34-2	34	220	300	12

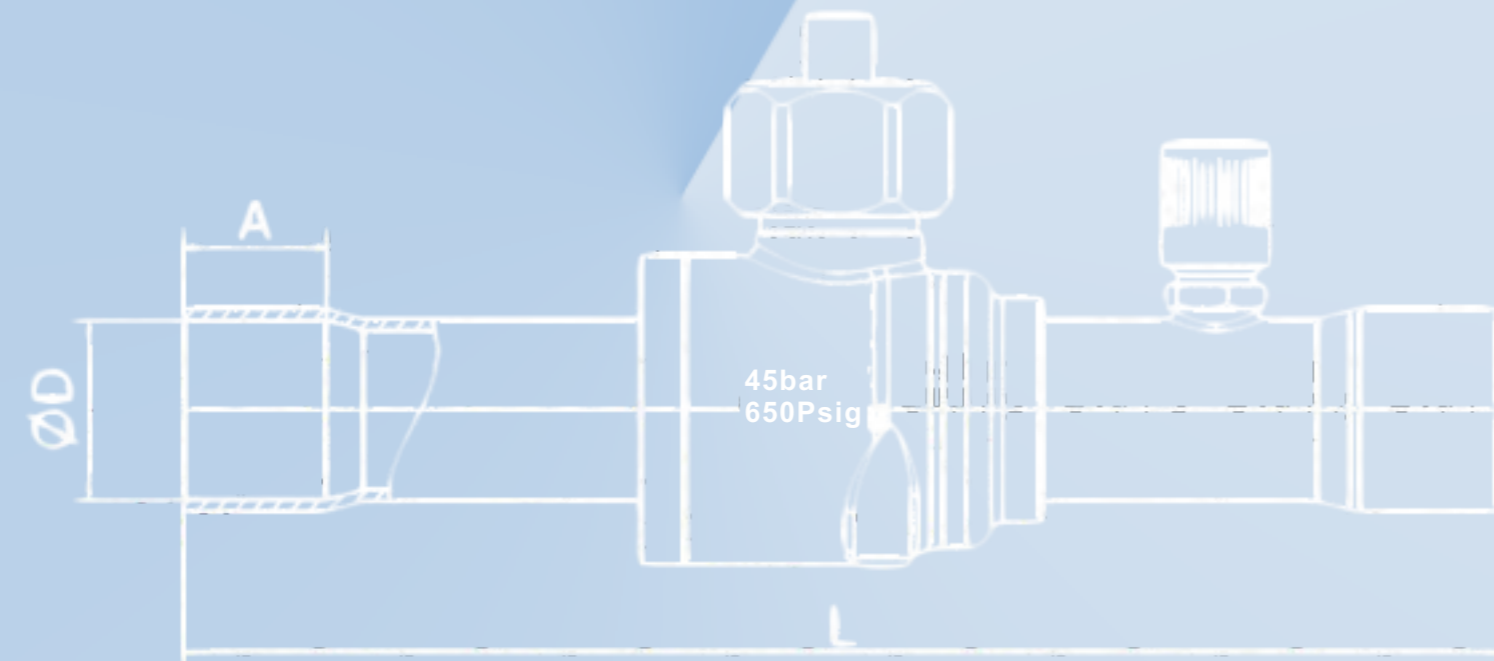
## Indoor Unit Fan Motors for Minisplits - White Resin Pack

Part No.	Power	Watts	Btu/h	Shaft
NW-16-4	220V/1/50-60Hz	16	9K	5/16"
NW-19-4	220V/1/50-60Hz	19	12k	5/16"
NW-23-4	220V/1/50-60Hz	23	18k	5/16"
NW-30-4	220V/1/50-60Hz	30	24k	5/16"



# Valve

## Ball Valve



### Application:

NEWEX ball valve is manual stop valve. It has no restriction on flow direction and the operation is more convenient than other stop valves. It can be used in liquid suction and heat supplying lines in freezers and air-conditioner adjusting equipment. This valve can provide the largest flow quantity when it is totally opened and it sealed tightly when it is closed. Furthermore, the application areas of this kind of valve is extensive:  $-40^{\circ}\text{C} \sim +150^{\circ}\text{C}$ . All the valves have the SAE fixed hole, could be installed on panel. "Hermetically" welded construction. One quarter turn from fully open to fully closed valve, Rotation stop for fully open and fully closed valve.

### Features:

- \* No need to remove cap when open and close the valve and the on-off status could be read directly on the cap.
- \* No pressure drop in flow.
- \* Stem locked function to avoid self-close due to vibration in system.
- \* Only turn 1/4 circle to make valve full open or full close. Two-direction flow is available.
- \* Turning stop for full open or full close.
- \* Argon arc welded structure.
- \* Explosion-proof valve stem design.
- \* Modified PTEE sealing.
- \* Inside liquid accumulation is avoided.
- \* Applicable refrigerant: CFC, HCFC, HFC, HC.
- \* Could be mounted on the control panel.
- \* Product got UL, CE certification.



Model	Dimensions (mm)			Allowed Max Leaking Capacity (g/year)	Max working pressure(Mpa)	Rated power of liquid (kw)				Kv value m3/h
	Size (inches)	ØD(Inch)	L (mm)			A (mm)	R22	R134a	R502	
NWB-04(S)	1/4"	138	8	2	4.5	11	10.1	7.3	17	0.8
NWB-06(S)	3/8"	138	8	2	4.5	22	20.2	14.6	33	3.8
NWB-08(S)	1/2"	160	10	2	4.5	105	96	70	160	5.6
NWB-10(S)	5/8"	160	14	2	4.5	143	132	95	217	10.1
NWB-12(S)	3/4"	185	16	2	4.5	241	221	160	336	20.42
NWB-14(S)	7/8"	185	17	2	4.5	358	329	238	544	28.17
NWB-18(S)	1-1/8"	208	20	2	4.5	633	582	421	962	51.95
NWB-22(S)	1-3/8"	251	25	2	4.5	756	696	503	1149	80.89
NWB-26(S)	1-5/8"	281	30	2	4.5	1293	1190	860	1965	196
NWB-34(S)	2-1/8"	305	34	2	4.5	1348	1240	1156	2234	248
NWB-42(S)X	2-5/8"	305	37	2	4.5	1348	1240	1156	N/A	248
NWB-42(S)	2-5/8"	305	37	2	4.5	1470	1320	1235	N/A	305
NWB-48(S)	3"	380	40	2	4.5	1882	1690	1580	N/A	406
NWB-50(S)X	3-1/8"	380	40	2	4.5	1882	1690	1580	N/A	410
NWB-50(S)	3-1/8"	410	40	2	4.5	2446	2197	2054	N/A	670
NWB-56(S)	3-1/2"	410	40	2	4.5	2514	2227	2082	N/A	680
NWB-58(S)	3-5/8"	410	40	2	4.5	2584	2289	2140	N/A	690

Attention : Have two types (With and without the charging port) , The part number which with "(S)" has the charging port.

# Valve

## Hand Valve



Model	Connection Size	Connection Type
	(Inch)	
NHV-04-1/4	1/4"	Flare to Flare, with brass nut
NHV-06-3/8	3/8"	Flare to Flare, with brass nut
NHV-08-1/2	1/2"	Flare to Flare, with brass nut
NHV-10-5/8	5/8"	Flare to Flare, with brass nut
NHV-12-3/4	3/4"	Flare to Flare, with brass nut
NHV-04S-1/4	1/4"	Solder to solder
NHV-06S-3/8	3/8"	Solder to solder
NHV-08S-1/2	1/2"	Solder to solder
NHV-10S-5/8	5/8"	Solder to solder
NHV-12S-3/4	3/4"	Solder to solder

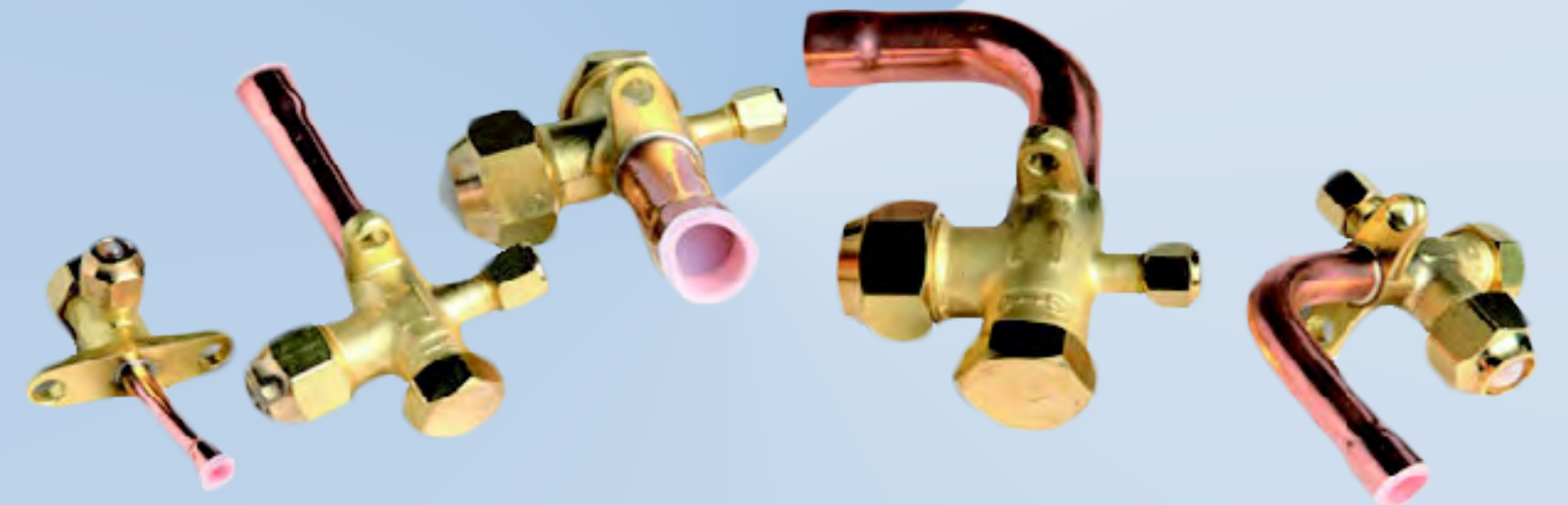
### Features:

- ✦ Forged brass construction.
- ✦ Compatible with all refrigerants and oils.
- ✦ Available with solder and flare with nuts connections.
- ✦ 100% leakage tested.

### Application:

Valve bodies are made from forged brass. Its full-size openings for maximum flow and minimum pressure drop, mounting brackets for easy installation.

## Split Shut-Off Valve



### Features:

- ✦ Combined function of shut-off, charging and testing.
- ✦ 100% forged brass body.
- ✦ Compact foot mounted design allows fast installation.
- ✦ Access port is available.
- ✦ Compatible for all refrigerants.

Model	Connection Size	Connection Thread	Remark
	(Inch)		
SSOV-1/4	1/4"	7/16"-20UNF	With access port
SSOV-3/8	3/8"	5/8"-18UNF	With access port
SSOV-1/2	1/2"	3/4"-16UNF	With access port
SSOV-5/8	5/8"	7/8"-14UNF	With access port
SSOV-3/4	3/4"	1-1/6"-14UNF	With access port
SSOV-1/4-2W	1/4"	7/16"-20UNF	Without access port
SSOV-3/8-2W	3/8"	5/8"-18UNF	Without access port
SSOV-1/2-2W	1/2"	3/4"-16UNF	Without access port
SSOV-5/8-2W	5/8"	7/8"-14UNF	Without access port
SSOV-3/4-2W	3/4"	1-1/6"-14UNF	Without access port

## Sight Glass & Pressure Switch

### Sight Glass



Model	Connection Size	Length(mm)	Connection T type
NFH 1/4	1/4"	101	Solder to solder, extended copper tube
NFH 3/8	3/8"	119	Solder to solder, extended copper tube
NFH 1/2	1/2"	146	Solder to solder, extended copper tube
NFH 5/8	5/8"	146	Solder to solder, extended copper tube
NFH 3/4	3/4"	146	Solder to solder, extended copper tube
NFH 7/8	7/8"	173	Solder to solder, extended copper tube
NFL 1/4	1/4"	60	Flare to flare, with brass nut
NFL 3/8	3/8"	70	Flare to flare, with brass nut
NFL 1/2	1/2"	70	Flare to flare, with brass nut
NFL 5/8	5/8"	80	Flare to flare, with brass nut

### Features:

- 100% leakage tested.
- Compatible with all refrigerants and oils.
- Solid brass construction.
- Large viewing window and indicator for better visibility.
- Available with extended solder (pure copper) and flare (with brass nuts) connections.

### Application:

NEWEX sight glass provides accurate and quick visual of refrigerant and moisture levels within a system.

### Pressure Switch



Application	Model	Open PSI	Close PSI	Tolerance
Low pressure automatic reset	NLPS0520	5	20	± 5 PSI
	NLPS1020	10	20	± 5 PSI
	NLPS2550	25	50	± 5 PSI
	NLPS2580	25	80	± 5 PSI
	NLPS4080	40	80	± 5 PSI
High pressure automatic reset	NHPS200150	200	150	± 15 PSI
	NHPS250150	250	150	± 15 PSI
	NHPS300200	300	200	± 15 PSI
	NHPS350250	350	250	± 15 PSI
	NHPS400200	400	200	± 15 PSI
	NHPS400300	400	300	± 15 PSI
	NHPS450250	450	250	± 15 PSI
High pressure manual reset	NMPS350	350	-	± 15 PSI
	NMPS450	450	-	± 15 PSI

Note:  
If the item you are looking for is not listed above, please feel free to contact us for more details.

### Features:

- High pressure SPST open on pressure rise.
- Low pressure SPST open on pressure fall.

### Application:

It is used for the high and low pressure protection of some refrigeration systems such as residential, commercial and automobile air-conditioners and ice makers, air compressors, and water heaters. Also be used to pneumatic and hydraulic pressure control systems of all kinds of industrial and agricultural machines.

## Liquid Flow Switch Sight

### Liquid Flow Switch Sight



FSF50P-1(A)/FSF50P-2(A)/FSF50P-3(A)



FSF50P-1SN

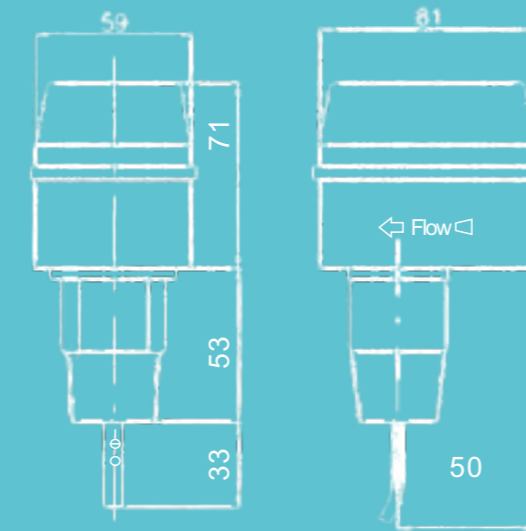
### Features:

- ✦ Liquid temperature: -25~120°C.
- ✦ Ambient temperature: -20~50°C.
- ✦ Max. liquid pressure: 1.5MPa.
- ✦ Approvals: DnV, Det norske Veritas(Norway), CQC(China)CE (Europe).

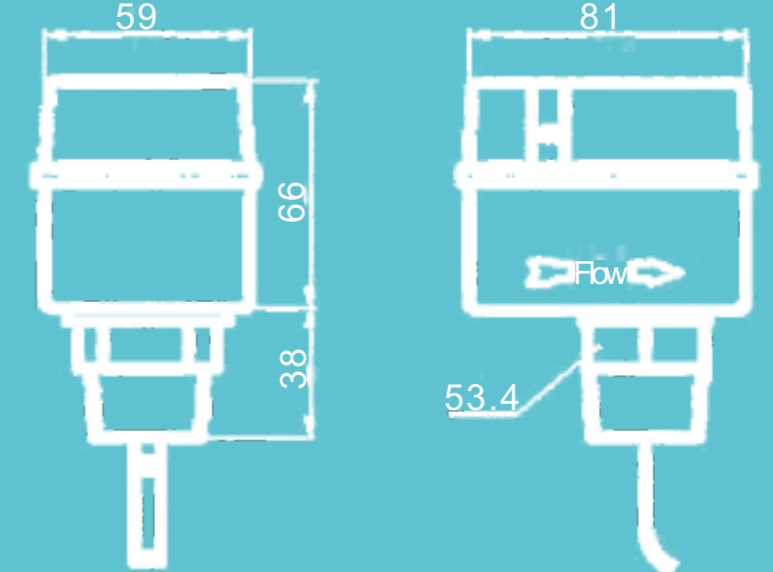
### Application:

FSF series flow switches are used in measuring and controlling the flow of the liquid in the pipe, such as water, alcohol, etc., as well as in the places where it needs chain effect or cutout protection. FSF series flow switches have SPDT switch, full-sealing structure as its shell, and stainless steel as its inside components, which can assure its use in any conditions. FSF-A series flow switches are used for caustic fluid liquid, the materials of FSF-A in contact with the medium is stainless steel.

### Dimension (Unit: mm)



FSF50P-1(A)/FSF50P-2(A)/FSF50P-3(A)



FSF50P-1SN

### Dimension of the paddle (Unit: inch)



Model	Connection	Medium	Materials in contact with the medium	Crust
FSF50P-2	1/2"-14NPT	Water	Brass	Seal plastic case
FSF50P-3	3/4"-14NPT			
FSF50P-1	1"-11 1/2NPT			
FSF50P-2A	1/2"-14NPT	Caustic liquid	Stainless steel	Seal plastic case
FSF50P-3A	3/4"-14NPT			
FSF50P-1A	1"-11 1/2NPT			
FSF50P-1SN	1"-11 1/2NPT	Water	Brass	Seal plastic case

## Liquid Line Filter Drier(Solid Core)

### Liquid Line Filter Drier(Solid Core)



#### Feature:

- ✦ Highly corrosion-resistant powder coating finish. Can be used in all environments, including marine applications.
- ✦ Compatible with all CFC, HCFC and HFC refrigerants and oils.
- ✦ High absorbent and acid removable capacity.
- ✦ High dirt retention, down to 40 μm particles, with minimal pressure drop.
- ✦ Maximum working pressure: 4.7Mpa/680Psig.

#### Application:

NEK liquid line filter driers are designed with a solid core with a mix of components which provides high filtration capacity. This assures the optimal

Model	Connections		Liquid Flow Capacity(Kw)					Dimensions(mm)		
	ODF	SAE	R134a	R22/R410A	R407C	R404A/R507	R502	A	B	C
NEK-032		1/4"	6.7	7.4	7.2	4.9	4.6	113	66	43
NEK-032S	1/4"		8.1	8.7	8.5	6	5.6	110		
NEK-033		3/8"	9.5	10.2	10.2	7	6.7	123		
NEK-033S	3/8"		10.5	11.6	11.6	7.7	7.4	114		
NEK-052		1/4"	61.2	49.8	61.8	41.3	40.3	119	72	
NEK-052S	1/4"		9.7	10.4	10.2	7.9	7.6	116		
NEK-053		3/8"	11.5	12.3	12.1	9.7	9.4	129		
NEK-053S	3/8"		47	52	51	32	31	120		
NEK-082		1/4"	50	55	54	35	34	145	98	63.5
NEK-082S	1/4"		70.5	76.7	76.7	50.9	49.8	142		
NEK-083		3/8"	12.7	12.5	12.1	10	9.8	155		
NEK-083S	3/8"		14.5	15.9	15	9.7	9.4	146		
NEK-084		1/2"	36	31	42	42	27	163	112	
NEK-084S	1/2"		50.6	55	54	35.4	34	148		
NEK-085S	5/8"		55.6	60.1	59.1	40.4	39	146		
NEK-162		1/4"	87.6	95	93.2	63.3	61.6	159	76	
NEK-162S	1/4"		16.5	17.9	17.6	11.9	11.6	156		
NEK-163		3/8"	42.8	37	48	48	33	169		
NEK-163S	3/8"		34.4	37.3	36.6	24.9	24.2	160		
NEK-164		1/2"	37.6	40.8	40.1	27.4	26.4	177	185	
NEK-164S	1/2"		60	60	59	40	39	162		
NEK-165		5/8"	67	75	74	54	53	185		
NEK-165S	5/8"		111.6	121.4	121	80.5	78.8	160		
NEK-166		3/4"	7.3	7.9	7.9	5.3	5.2	191	192	89
NEK-166S	3/4"		12.8	13.9	13.9	9.2	9	166		
NEK-167S	7/8"		16.2	17.6	17.6	11.7	11.4	172		
NEK-302		1/4"	23.5	25.5	25.5	16.9	16.6	232	185	
NEK-303		3/8"	7.3	7.9	7.9	5.3	5.2	242		
NEK-303S	3/8"		12.8	13.9	13.9	9.2	9	233		
NEK-304		1/2"	19.2	20.9	20.3	13.9	13.6	250	192	89
NEK-304S	1/2"		26.1	28.4	27.9	18.9	18.5	235		
NEK-305		5/8"	32.3	35.5	34.3	23.4	22.9	258		
NEK-305S	5/8"		36.5	39.5	39.5	26.2	25.7	233		
NEK-306		3/4"	21.4	23.3	23	15.4	15.1	264	192	89
NEK-306S	3/4"		29	31.6	31.6	21	20.5	239		
NEK-307S	7/8"		42.8	46.5	46.5	30.9	30.2	245		
NEK-309S	1-1/8"		51.3	55.8	55.8	37	36.2	245	192	89
NEK-413		3/8"	64.2	69.8	69.8	46.3	45.3	249		
NEK-413S	3/8"		64.2	69.8	69.8	46.3	45.3	240		
NEK-414		1/2"	49.6	54	54	35.8	35	257	192	89
NEK-414S	1/2"		54.3	59.1	59.1	39.2	8.4	242		
NEK-415		5/8"	67.6	73.5	73.5	48.8	47.8	265		
NEK-415S	5/8"		72.7	79.1	79.1	52.5	51.4	240	192	89
NEK-416		3/4"	98.4	107	106.2	71.1	69.6	271		
NEK-416S	3/4"		81.3	88.5	88.5	58.7	57.5	246		
NEK-417S	7/8"		81.3	88.5	88.5	58.7	57.5	252	192	89
NEK-419S	1-1/8"		100.5	109.4	109.4	72.5	71	252		

# Universal Controls

## Universal Controls

Designed to match all brands of ACS and easy to match.



## Universal Remote Controller

### K-1028E



- 1000 in 1
- Fast cool/ heat
- Clock function
- LED light

### KT-1000



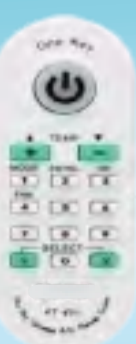
- 1000 in 1
- Inner keys
- Timer off
- Permanent memory

### KT-628



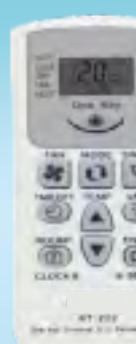
- 2000 in 1
- Permanent memory
- i-cool & i-heat function
- Input codes by digital keys

### KT-e01



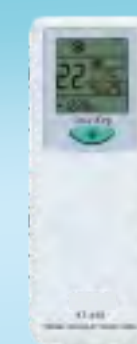
- 2000 in 1
- Large key with light
- One-Key function
- Available for the blind
- Input codes by digital keys

### KT-e02



- 4000 in 1
- Large key
- One-Key function
- Clock
- Room temperature displayed

### KT-e03



- 4000 in 1
- Clock
- One-Key function
- Room temperature displayed
- Inner keys
- Electrical heating

### KT-e05



- 4000 in 1
- Clock
- Input codes by digital keys
- Room temperature displayed
- C/F degree
- Fast cool & Fast heat

### KT-9018E



- 4000 in 1
- Clock function
- Intelligent cooling/heating function
- Timer function
- Digit number input

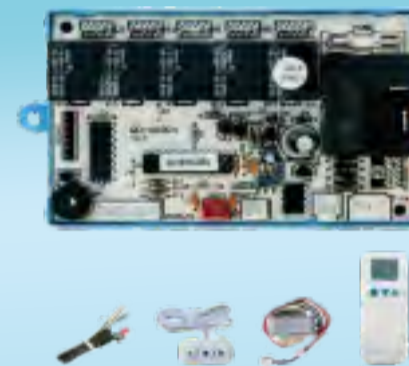
### KT-e08



- 6000 in 1
- Clock
- Input codes by digital keys
- Room temperature displayed

## Universal Control System

### QD-U03C+



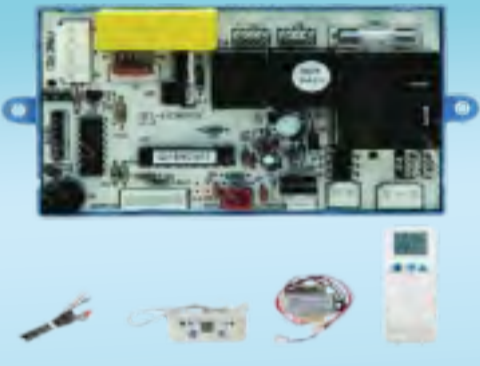
- For mini split Air Conditioner
- Auto-restart function
- Prevent cold air in the heating mode
- Outdoor fan is controlled independently
- Accurate & stable temperature control
- Defrost automatically
- Updated transformer, quick plug, easy for installation
- Timer on/off
- 3 fan speed
- Sleep function
- Double sensors

### QD-U05PG+



- For mini split Air Conditioner
- Timer on/off, double sensors.
- Stepless speed regulation fan, low noise
- Prevent cold air in heating mode
- Pipe protection, malfunction self-diagnosis
- Accurate stable auto fan
- Upgraded receiver, good appearance, working state displayed directly
- PG motor
- Sleep function
- 5 working modes
- Defrost automatically

### QD-U08PGC+



- For mini split Air Conditioner
- PG motor
- Digital temperature display
- Outdoor fan controlled independently

### QD-U11A



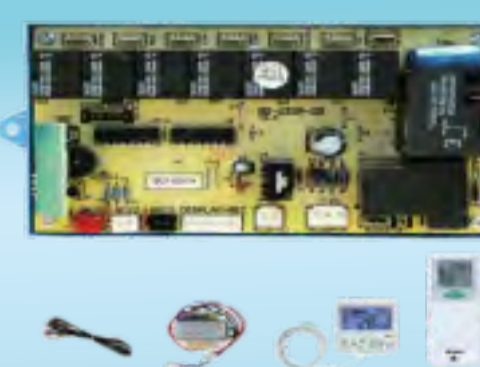
- For cabinet air conditioner
- LED temperature display
- Auto defrost in heating mode
- Display panel manually operated
- Outdoor fan controlled independent
- 5 working modes
- 3 minutes protective delay for compressor to restart
- 3 fan speed
- Timer on/off
- Sleep function
- Auxiliary heating

### QD-U12A



- For cabinet air conditioner
- Negative ion control function
- Memory and auto restart function
- Outdoor fan controlled independently
- Interior power indicator to show working modes
- 2 ways to control air direction: automatic and manual
- 3 sensors: coil pipe protection, precise temperature control and auto defrost
- Sleep function
- Auxiliary heating
- Auto restart function
- LCD back-light display panel

### QD-U20A



- For cabinet air conditioner
- Large LCD screen with back-light display
- Wireless remote control, up to 100 meters
- Built-in battery indicator in the power button
- Break down protection
- Precise temperature control, accuracy of 0.1 degrees
- 5 working modes, three fan speed, timer on/off, sleep function
- Negative ion control
- Auto restart function

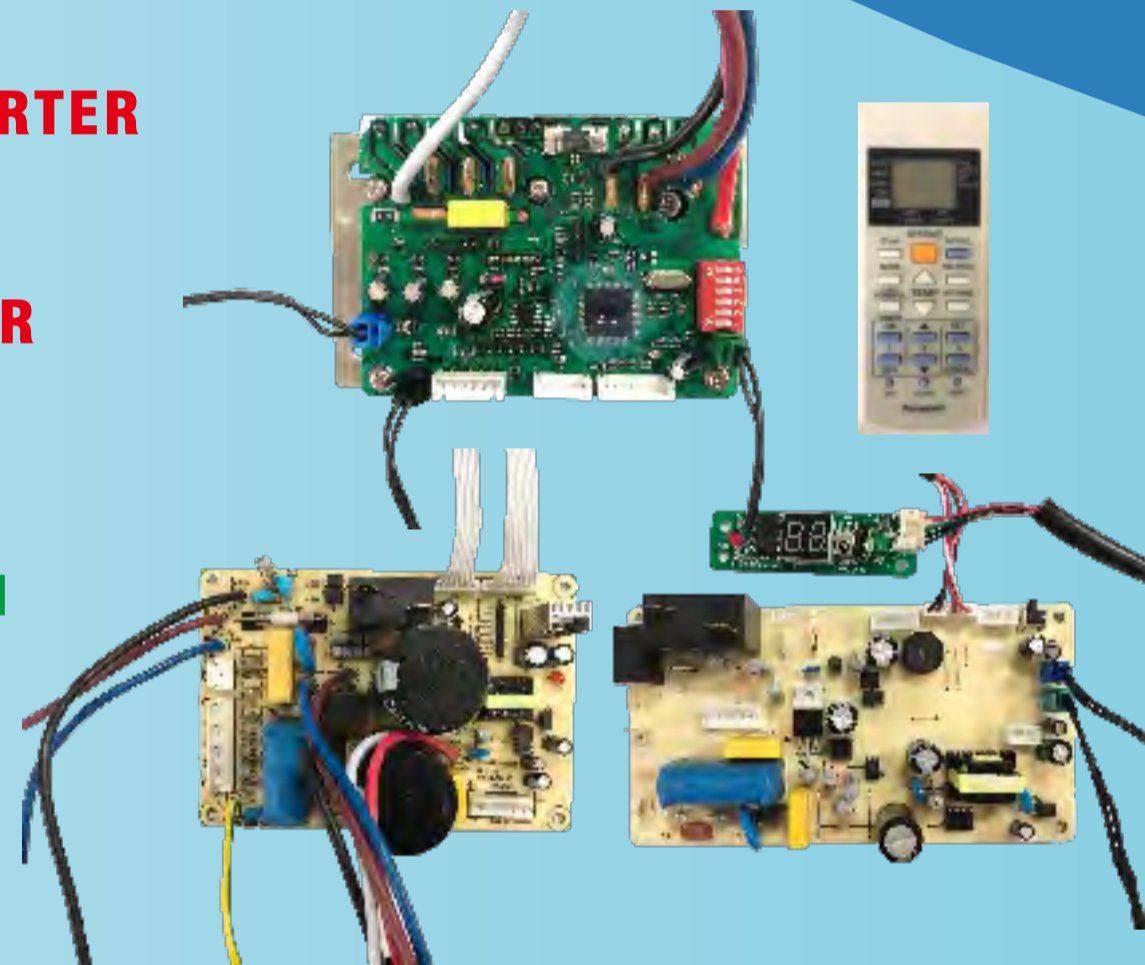


## Universal Control System



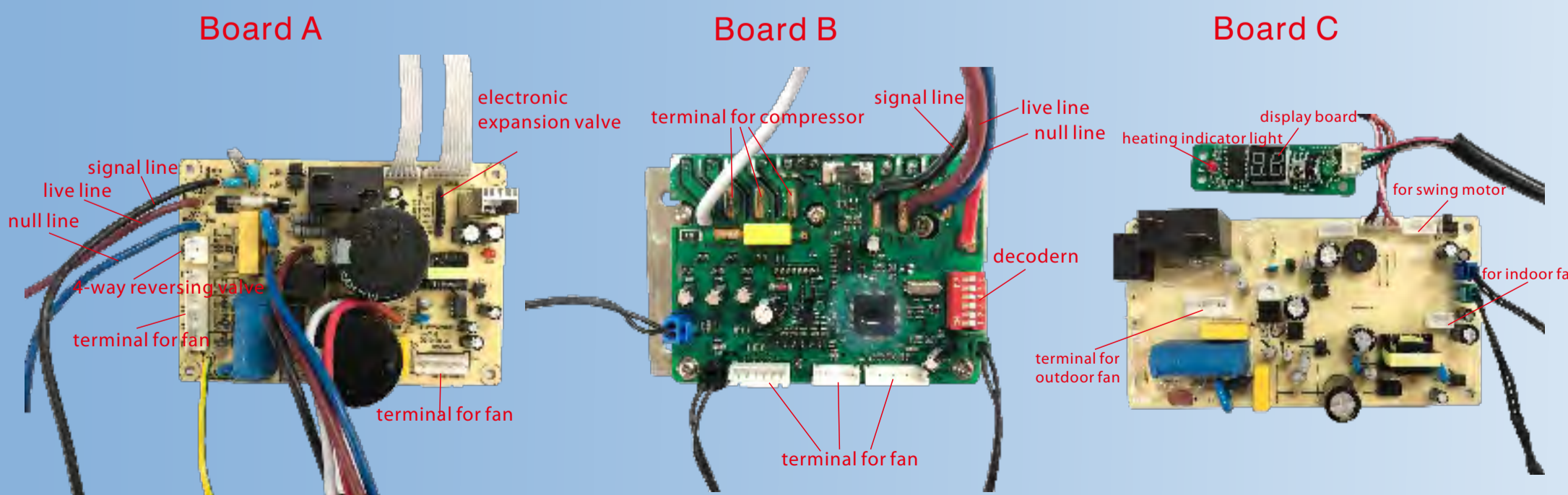
### UNIVERSAL DC/AC INVERTER CONTROL SYSTEM FOR WALL-MOUNTED AIR CONDITIONER

**Model: NWUCSINV001**  
From 9000BTU to 18000BTU



#### For outdoor control

#### For indoor control



### Model: NWUCSINV001

### Specifications

- Working voltage: 106V-282V at AC rms input
- Maximum current 15A
- Using Silan IPM Module and Cypress control chip
- Automatic fault detection and intelligent protection
- Adapted for 9000Btu-18000Btu with various brands air conditioner and compressor
- With high efficiency and more energy-saving
- AC brands: Universal split AC
- Compressor model: Universal DC compressor
- Outdoor unit motor fan model: AC/DC fan motor
- Indoor unit motor fan model: AC fan motor
- Temperature working range: -10°C ~55°C

### Our Advantage

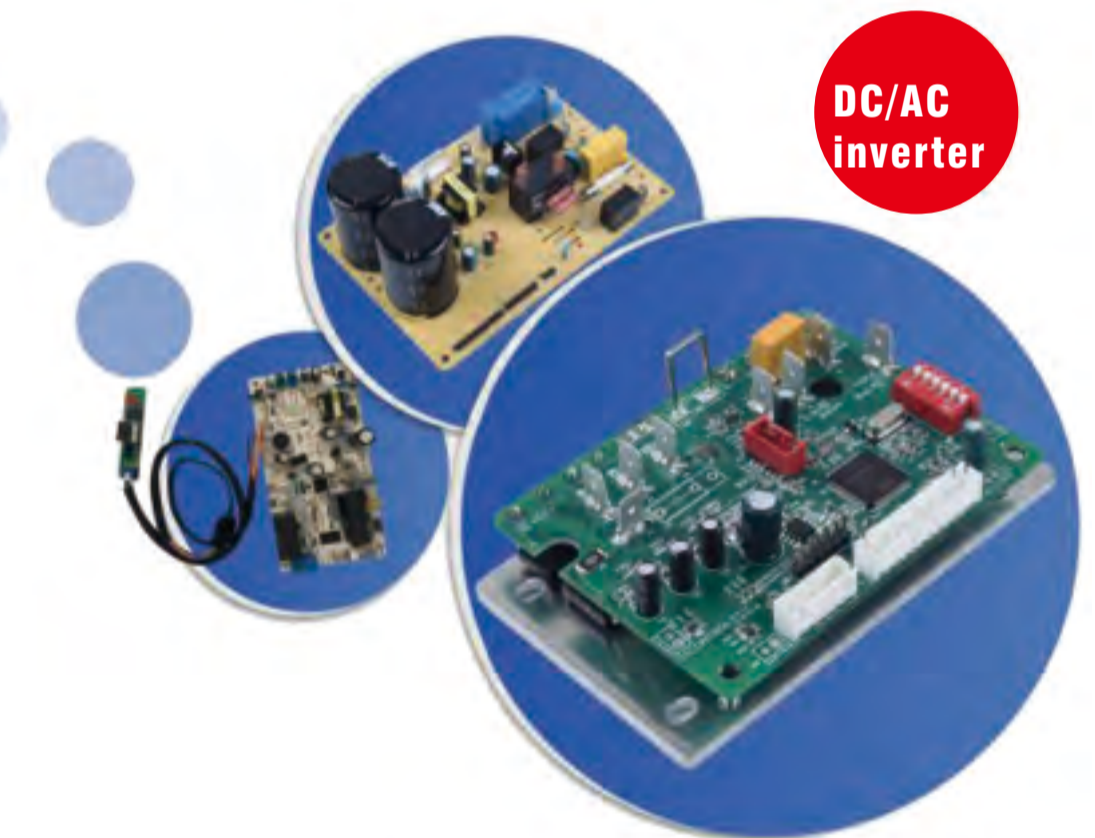
- Advanced intelligent software control, universal drive for AC PG motor
- Communication Function is added for accurately control
- Compatible outdoor AC fan motor, outdoor DC PG motor
- Compatible most DC inverter compressor and performance guarantee
- Easy Installation with 6 pcs of cables
- Accurately defrost control and anti-cold-air protection

### System Components

- A set of board, including below components.
- Board A + Board B: for outdoor control
  - Display board (small) + Board C: for indoor control
  - Remote Controller
  - 6 pcs cables to connect

### PACKING:

- 4 PCS/FLOOR, 7 FLOORS/CARTON, 28 PCS/CARTON
- CTN size: 550 X 550 X 500mm
- G.W.: 20 KGS/CARTON



### Outdoor unit controller instructions

- Capable to match various type of compressor rapidly
- 180° sine-wave FOC technology
- Compatible with DC fan and AC fan
- Optional electronic expansion valve or capillary tube for valve
- Multi-type protection to protect compressor & controller board
- Self-diagnosis function

### Indoor unit controller instructions

- Working mode: auto, cool, dry, fan, heat
- Fan speed: auto, high, mid, low
- Guide louver auto swing and reset
- Prevent cold wind in heating mode
- Communication function
- Auto defrost

# Air Conditioner Thermostat

## Feel The Difference



**Energy saving**  
**Control Products**  
**A/C thermostat**  
**Global Market**

Air Conditioner Thermostat is a device to control the temperature, fan speed and cooling/heating mode in an air conditioning system. It works perfectly with the existing PCB control system, providing an accurate temperature control for a better comfort in a room.



- 7 day, 5/2 or 24 hour programming options
- Big clear screen with touch buttons
- With a factory pre-set programme
- WiFi control from mobil phone by use Android or IOS app
- Easy to use and quick to install
- Interchangeable AC Flush or wall mounted power supply
- Optional 5V stand power supply
- Can be extended by adding receiver



# Wired room thermostat

Model:ST2601/ST2603



- Non-programmable
- 2 x AAA size battery
- Temperature range:5°C -40°C in 0.1°C
- Control temp range:5°C -35°C in 0.5°C
- HEAT/OFF/COOL mode switch
- Bat-low indicator
- Contact rating:8(2)A 230VAC Max

Model:ST2401/ST2403



- Non-programmable
- 2 x AAA size battery
- Temperature range:0°C -40°C in 0.1°C
- Control temp range:5°C -35°C in 0.5°C
- HEAT/OFF/COOL mode switch
- Bat-low indicator
- Contact rating:8(2)A 230VAC Max

Model:ST2402/ST27



- 7 Day Programmable
- 6 Time & 6 Temp,per day
- Manual override mode
- 2 x AAA size battery
- Contact rating:8(2)A 230VAC Max
- Keypad lockout
- HEAT/COOL mode switch

Model:ST2602



- 7 Days Programming options
- 6 Time & 6 Temp,per day
- Manual override mode
- 2 x AAA size battery
- Contact rating:8(2)A 230VAC Max
- Keypad lockout
- HEAT/OFF/COOL mode switch

Model:ST3



- Non-programmable
- POWER:2 x AA size battery
- Temperature range:5°C -35°C in 0.5°C
- Control temp range:10°C -30°C in 0.5°C
- ON/OFF switch
- Bat-low indicator
- Contact rating:8(2)A 230VAC Max

Model:ST23



- Non-programmable
- 2 x AAA size battery
- Temperature range:3°C -37°C in 0.1°C
- Control temp range:5°C -35°C in 0.5°C
- HEAT/OFF/COOL mode switch
- Bat-low indicator
- Contact rating:8(2)A 230VAC Max

Model:S2901



- Non-programmable
- 2 x AA size battery
- Temperature range:0°C -40°C in 0.1°C
- Control temp range:5°C -35°C in 0.5°C
- Bat-low indicator
- Contact rating:8(2)A 230VAC Max

Model:ST28



- 7 Day Programmable
- 48 Time & 2 Temp,per day
- Manual override mode
- 2 x AAA size battery
- Contact rating:8(2)A 230VAC Max
- Keypad lockout
- HEAT/COOL mode switch

Model:ST7



- 7 Day Programmable
- 6 Time & 6 Temp,per day
- EL back light
- Manual override mode
- 2 x AA size battery
- Contact rating:8(2)A 230VAC Max

Model:ST2305



- Non-programmable
- POWER:2 x AAA size battery
- Temperature range:3°C -37°C in 0.1°C
- Control temp range:5°C -35°C in 0.5°C
- HEAT/OFF/COOL mode switch
- Bat-low indicator
- Contact rating:8(2)A 230VAC Max

Model:STN805/STN855/STN 855W



- **Universal Feature**
- 7Day or 5/1/1 Programmable
- Auto Changeover
- Easy menu driven programming
- Intuitive wake,leave,return, sleep programming icons
- White/Blue/Green backlight
- Electric or Gas configurable
- Room temperature calibration adjustment
- Separate heating and cooling swing (cycle rate) adjustments Keypad lockout
- Heating and cooling setpoint limits

- 5minute compressor delay protection (selectable on or off)
- Filter change indicator (selectable on or off)
- Easy wire color coded terminal blocks
- Universal sub-base
- Mounts on wall or junction box
- Battery or 24V power

**Special Feature**

- **STN805**
- 1 Heat/12Cool
- **STN855**
- Universal
- Up to 2 Heat,2 Cool Conventional
- Up to 2 Heat,2 Cool Heat Pump
- **STN855W**
- Universal - WIFI
- Up to 2 Heat,2 Cool Conventional
- Up to 2 Heat,2 Cool Heat Pump

Model:STN601/STN701



- Single Stage
- 1 Heat,1Cool
- Non-programmable
- White/Blue/Green backlight
- Electric orGas configurable
- Separate B&O terminals
- Separate heating and cooling swing(cycle rate) adjustments
- Room temperature calibration adjustment
- 5minute compressor delay protection (selectable on or off)
- Battery or 24V power

Model:STN615/STN715



- Multi Stage
- 2 Heat,2Cool
- 5/1/1Programmable
- White/Blue/Green backlight
- Easy menu driven programming
- Intuitive wake,leave,ruturn, sleep programming icons
- Electric orGas configurable
- Separate B&O terminals
- Separate heating and cooling swing (cycle rate) adjustments intuitive 2nd stage adjustments
- Filter change indicator(selectable on or off)
- Room temperature calibration adjustment
- 5minute compressor delay protection (selectable on or off)
- Battery or 24V power

Model:STN625/STN725



## Wireless room thermostat

Model:STN731



- No-Programmable
- White/Blue/Green backlight
- Wired PTAC Thermostat and bass module
- Affordable Comfor Control
- Universal 2H/1C Heat Pump or 1H/1C Conventional
- Heating and Cooling Set point limits
- Separate B&O terminals
- Separate heating and cooling swing (cycle rate) adjustments
- Room temperature calibration adjustment
- Universal sub-base
- Mounts on wall or junction box
- Battery or 24V power

Model:S2901



Model:STN605/STN705



- Single Stage
- 1 Heat,1Cool
- 5/1/1programmable
- White/Blue/Green backlight
- Easy menu driven programming
- Intuitive wake,leave,ruturn,sleep programming icons
- Electric orGas configurable
- Separate B&O terminals
- Separate heating and cooling swing(cycle rate) adjustments
- Room temperature calibration adjustment
- 5minute compressor delay protection(selectable on or off)
- Battery or 24V power

Model:STN621 / 721



- Heat Pump
- 2 Heat,1Cool
- Non programmable
- White/Blue/Green backlight
- Electric orGas configurable
- Separate B&O terminals
- Separate heating and cooling swing(cycle rate) adjustments intuitive 2nd stage adjustments
- Filter change indicator(selectable on or off)
- Battery or 24V power

- Heat Pump
- 2 Heat,1Cool
- 5/1/1Programmable
- White/Blue/Green backlight
- Easy menu driven programming
- Intuitive wake,leave,ruturn, sleep programming icons
- Electric orGas configurable
- Separate B&O terminals
- Separate heating and cooling swing (cycle rate) adjustments intuitive 2nd stage adjustments
- Filter change indicator(selectable on or off)
- Room temperature calibration adjustment
- 5minute compressor delay protection (selectable on or off)
- Battery or 24V power

Model:STN731W



- Affordable Comfor Control
- Universal 2H/1C Heat Pump or 1H/1C Conventional
- Heating and Cooling Set point limits
- Separate heating and cooling swing (cycle rate) adjustments
- No-Programmable
- White/Blue/Green backlight
- Universal sub-base
- Room temperature calibration adjustment
- Mounts on wall or junction box
- Battery or 24V power

- Transmitter
- Non-programmable
- POWER:2 x AA size battery
- Temperature range:0°C -40°C in 0.1°C
- Control temp range:5°C -35°C in 0.5°C
- 868Mhz for more stable communication
- Bat-low indicator
- Receive
- AUTO/MANUAL Switch
- LED system indicator
- Contact rating:8(2)A 230VAC Max

Model:ST2401RF/ST2601RF



- Transmitter
- Non-programmable
- POWER:2 x AAA size battery
- Temperature range:0°C -40°C in 0.1°C
- Control temp range:5°C -35°C in 0.5°C
- 868Mhz for more stable
- Communication
- HEAT/OFF/COOL switch
- Bat-low indicator
- Receive
- AUTO/MANUAL Switch
- LED system indicator
- Contact rating:8(2)A 230VAC Max

Model:ST2403RF/ST2603RF



- Transmitter
- Non-programmable
- POWER:2 x AAA size battery
- Temperature range:0°C -40°C in 0.1°C
- Control temp range:5°C -35°C in 0.5°C
- 868Mhz for more stable
- Communication
- HEAT/OFF/COOL switch
- Bat-low indicator
- Receive
- AUTO/MANUAL Switch
- LED system indicator
- Contact rating:8(2)A 230VAC Max

Model:ST3RF



- Transmitter
- Non-programmable
- POWER:2 x AA size battery
- Temperature range:5°C -35°C in 0.5°C
- Control temp range:10°C -30°C in 0.5°C
- 868Mhz for more stable communication
- ON/OFF switch
- Bat-low indicator
- Receive
- AUTO/MANUAL Switch
- LED system indicator
- Contact rating:8(2)A 230VAC Max

Model:ST27RF



- Transmitter
- 7DayProgramming
- 6 Time & 6 Temp,per day
- 2 x AAA size battery
- Keypad lockout
- HEAT/COOL mode switch
- 868Mhz for more stable communication
- Receive
- AUTO/MANUAL Switch
- LED system indicator
- Contact rating:8(2)A 230VAC Max

Model:ST2402RF/ST2602RF



- Transmitter
- 7DayProgramming
- 6 Time & 6 Temp,per day
- 2 x AAA size battery
- Keypad lockout
- HEAT/COOL mode switch
- 868Mhz for more stable communication
- Receive
- AUTO/MANUAL Switch
- LED system indicator
- Contact rating:8(2)A 230VAC Max

Model:ST23RF/ST2305RF



- Transmitter
- Non-programmable
- POWER:2 x AAA size battery
- Temperature range:5°C -35°C in 0.5°C
- Control temp range:10°C -30°C in 0.5°C
- 868Mhz for more stable
- Communication
- HEAT/OFF/COOL switch
- Bat-low indicator
- Receive
- AUTO/MANUAL Switch
- LED system indicator
- Contact rating:8(2)A 230VAC Max

Model:ST7RF



- Transmitter
- 2 x AA size battery
- 6 Time & 6 Temp,per day
- 7DayProgramming
- 868Mhz for more stable communication
- EL back light
- Manual override mode
- Receive
- AUTO/MANUAL Switch
- LED system indicator
- Contact rating:8(2)A 230VAC Max

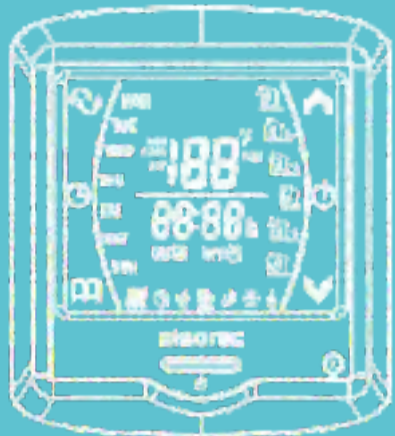
Model:ST28RF



- Transmitter
- 7DayProgramming
- 48 Time & 2 Temp,per day
- 2 x AAA size battery
- Keypad lockout
- HEAT/COOL mode switch
- 868Mhz for more stable communication
- Receive
- AUTO/MANUAL Switch
- LED system indicator
- Contact rating:8(2)A 230VAC Max

## Air Conditioner Thermostat

### Feel The Difference



### Energy saving Control Products A/C thermostat North America

Air Conditioner Thermostat is a device to control the temperature, fan speed and cooling/heating mode in an air conditioning system. It works perfectly with the existing PCB control system, providing an accurate temperature control for a better comfort in a room.

#### Wireless thermostat

#### Easy to use and install



Model:STN731W

- Affordable Comfor Control
- Universal 2H/1C Heat Pump or 1H/1C
- Conventional
- Heating and Cooling Set point limits
- Separate heating and cooling swing (cycle rate) adjustments
- No-Programmable
- White/Blue/Green backlight
- Universal sub-base
- Room temperature calibration adjustment
- Mounts on wall or junction box
- Battery or 24V power

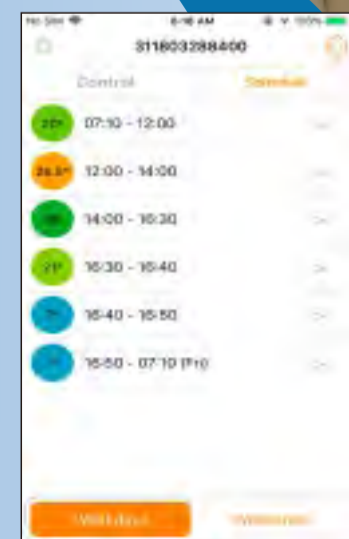
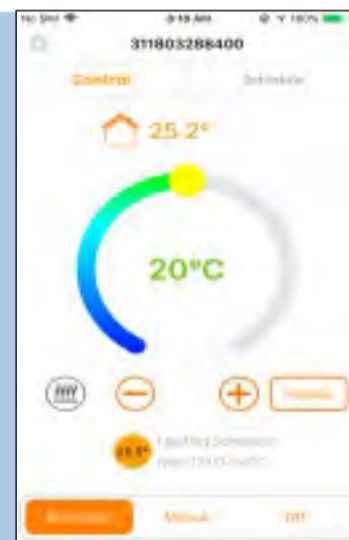
- LCD display
- With white backlight
- Easy wire coded terminal blocks
- Universal sub-base, mounts on wall or junction box
- Easy access battery compartment
- Dual-powered (AAA battery and/or hardwire 24VAC power)

#### Large Terminal Blocks

#### Large Easy To Read Displays

#### Interchangeable Subbase

#### Easy Access Battery Door



#### Model:STN601 / STN701



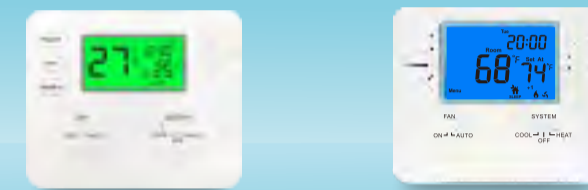
- Single Stage
- 1 Heat,1Cool
- Non-programmable
- White/Blue/Green backlight
- Electric or Gas configurable
- Separate B&O terminals
- Separate heating and cooling swing(cycle rate) adjustments
- Room temperature calibration adjustment
- 5minute compressor delay protection(selectable on or off)
- Battery or 24V power

#### Model:STN621 / STN721



- Heat Pump
- 2 Heat,2Cool
- No Programmable
- White/Blue/Green backlight
- Electric or Gas configurable
- Separate B&O terminals
- Separate heating and cooling swing(cycle rate) adjustments including 2and stage adjustment
- Filter change indicator(selectable on or off)
- Battery or 24V power

#### Model:STN615 / STN715



- Multi Stage
- 2 Heat,2Cool
- 5/1/1 Programmable
- White/Blue/Green backlight
- Easy menu driven programming
- Intuitive wake,leave,return, sleep programming icons
- Electric or Gas configurable
- Separate B&O terminals
- Separate heating and cooling swing(cycle rate) adjustments including 2and stage adjustment
- Filter change indicator(selectable on or off)
- Room temperature calibration adjustment
- 5minute compressor delay protection (selectable on or off)
- Battery or 24V power

#### Model:STN605 / STN705



- Single Stage
- 1 Heat,1Cool
- 5/1/1 Programmable
- White/Blue/Green backlight
- Easy menu driven programming
- Intuitive wake,leave,return, sleep programming icons
- Electric or Gas configurable
- Separate B&O terminals
- Separate heating and cooling swing(cycle rate) adjustments
- Room temperature calibration adjustment
- 5minute compressor delay protection (selectable on or off)
- Battery or 24V power

#### Model:STN625 / STN725



- Heat Pump
- 2 Heat,2Cool
- 5/1/1 Programmable
- White/Blue/Green backlight
- Easy menu driven programming
- Intuitive wake,leave,return, sleep programming icons
- Electric or Gas configurable
- Separate B&O terminals
- Separate heating and cooling swing(cycle rate) adjustments including 2and stage adjustment
- Filter change indicator(selectable on or off)
- Room temperature calibration adjustment
- 5minute compressor delay protection (selectable on or off)
- Battery or 24V power

#### Model:STN731



- No-Programmable
- White/Blue/Green backlight
- Wired PTAC Thermostat and bass module
- Affordable Comfor Control
- Universal 2H/1C Heat Pump or 1H/1C Conventional
- Heating and Cooling Set point limits
- Separate B&O terminals
- Separate heating and cooling swing (cycle rate) adjustments
- Room temperature calibration adjustment
- Universal sub-base
- Mounts on wall or junction box
- Battery or 24V power

#### Model:STN805 / STN855 / STN855W



#### Special Feature

- STN805
  - 1 Heat/12Cool
  - Universal
  - Up to 2 Heat,2 Cool Conventional
- STN855
  - Up to 2 Heat,2 Cool Heat Pump
  - Universal - WIFI
  - Up to 2 Heat,2 Cool Conventional
  - Up to 2 Heat,2 Cool Heat Pump

#### Universal Feature

- 7Day or 5/1/1 Programmable
- Auto Changeover
- Easy menu driven programming
- Intuitive wake,leave,return, sleep programming icons
- White/Blue/Green backlight
- Electric or Gas configurable
- Room temperature calibration adjustment
- Separate heating and cooling swing (cycle rate) adjustments
- Keypad lockout
- Heating and cooling setpoint limits
- 5minute compressor delay protection(selectable on or off)
- Filter change indicator (selectable on or off)
- Easy wire color coded terminal blocks
- Universal sub-base
- Mounts on wall or junction box
- Battery or 24V power

## Fan Coil Thermostat

*Feel The Difference*



**Energy saving  
Control Products**

**FAN COIL  
Thermostat**

FCU Thermostat is used to control temperature in the industry, commercial and household. By comparing room temperature with setpoint, it can control Fan Coil Unit, Motorized Valve, Motorized Ball Valve or Damper to reach comfortable room temperature and meet the purpose of energy saving. It applies to air-conditioning 2-pipe/4-pipe configuration water system or ventilation system.



Breath · Touch Your Feeling



LUNA.Pure Life  
—Clean Tidy Grace Fan coil & Heating



Pursue the balance between comfortable life and high energy saving efficiency through intelligent implementations.



Help customers reduce energy consumption by professional service.



“One-key” design simplified energy saving and comfortable.



**ONE  
FACE**

One Face Panel,  
Entire black,  
honourable and elegant



Ultra Slimlegant



Greenery breath light  
—Symbolize the  
germination of life,  
feel the rhythm of life  
Among every breath.



Slight Curve  
—Incorporate soft  
and strength

**Breath**  
Building Energy Efficiency

## Mechanical Thermostat

Mechanical Thermostat is suitable for room temperature control of heating, cooling or year-round air-conditioning system.

SRT022YJ



SRT03YJ



SRT025



SRT026



SRT03TA



SRT03TB



SRT04T



SRT027



## Electronic Thermostat

Electronic Thermostat is mainly used in central air-conditioning system, also available for fan coil 2-pipe or 4-pipes Floating and proportional function available

SRE06



SRE07



SRT025E



SRE04



SRE05



SRT02EA



SRT03E



Tc8000



## Digital Thermostat

Digital Thermostat is available for fan coil 2-pipe or 4-pipes fan coil units. mainly touch screen or digital. Smart and wifi. Floating and proportional function available

HL2028



Luna



HL2023



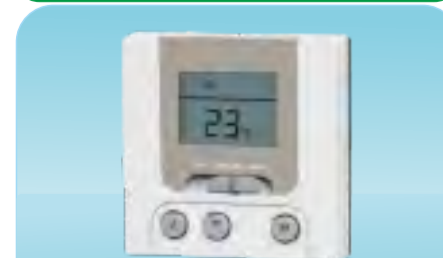
HL2025



HL2018



HL116



HL2008



A3920



### HL2028 Touch Screen Thermostat



Brilliant thermostats! The new thermostats are stand-alone microprocessor based with LCD display, designed to on/off control the fans, valves, dampers or electric heaters in fan coil units, air-conditioners and heating applications, available for 2-pipe or 4-pipe.

- Automatical display of working interface when any one approaching
- Unprecedented design, top grade, Fashion
- Large screen LCD display
- Concise icon shown on LCD
- One touch energy saving.
- Blue backlight( Optional)
- Save energy when it is in stands by model
- Keypad lock to avoid any mistake operations(Optional)
- WiFi enable+APP

### Luna Digital Thermostat



Luna series adopt technology design of grace appearance and moonlight LCD display, with easy structure for simple and safe installation. Available for heating /cooling/ventilating control of 2 -pipe or 4-pipe fan coil unit

- Pure and Attractive modern styling
- High reliable stand-alone microprocessor, anti-jamming
- Advanced and easy-operated installation
- Moonlight backlight LCD display (optional)
- Adjustable heating /cooling / ventilating mode control
- Adjustable manual or automatic fan speed control and on/off control output for valves
- RS-485 communication interface and MODBUS protocol (optional)
- WiFi+ app control (optional)

### HL8001 Communicating Thermostat



Microprocessor-based thermostat with LCD display. It provides RS-485 communicating interface and MODBUS protocol for system integration. The thermostats can be controlled by local manually, master controller or operating by the BAS. available for 2-pipe or 4-pipe FCU units.

- Built-in RS-485 communicating interface
- Provided MODBUS protocol for system integration
- Provided system or local control function
- Provided Enable/Disable key locking function
- Provided temperature calibrating function
- Provided ON/OFF control output signal
- Non-volatile memory (EEPROM) retains user settings during power loss
- Infrared remote control available (optional)
- Backlight function available(optional)

### HL2008 Digital Thermostat



Stand-alone microprocessor-based thermostats with LCD display. It is designed to on/off control the fans, valves, dampers or electric heaters in fan coil units, air-conditioners and heating applications, available for 2-pipe or 4-pipe FCU units

- Attractive modern styling ideal for locating in the occupied space
- Digital LCD display
- Adjustable heating/cooling/ventilating mode control
- Adjustable manual or automatic fan speed control and on/off control output for valve
- Model available for cycling fan control
- Model available for 24Vac, 85-260Vac, power input also
- Reliable DC power supply by transformer
- Reliable output by relays

### HL2023 Digital Thermostat



The HL2023 series are stand-alone microprocessor based with LCD display. It is designed to on/off control the fans, valves, dampers or electric heaters in fan coil units and heating applications, for 2-pipe or 4-pipe.

- Attractive modern styling
- Digital LCD display room temperature and set point
- Adjustable heating/cooling/ventilating mode control
- Adjustable manual or automatic fan speed control and on/off control output for valves
- Infrared remote control available(optional)
- Backlight function available(optional)
- Model available for 24Vac, 85-260Vac power input also
- Reliable DC power supply by transformer and output by relays

### HL2018 Touch Screen Thermostat



Luxurious appearance with large LCD display screen. Simple and easy-to-read installation menu on LCD provides interactive interface. Designed to on/off control the fans, valves or dampers in fan coil units, air-conditioners applications, for 2-pipe or 4-pipe FCUs.

- Bright back-lit display with interactive touch screen, Large, clear display with backlight
- Adjustable heating/cooling/ventilating mode control
- Adjustable manual or automatic fan speed control and on/off control output for valve
- Model available for cycling fan control
- Infrared remote control available
- Timer On/Off or 7-Day 4 periods Programmable For Customization
- Menu-driven programming make setup easily
- Model available for 24Vac, 85-260VAC power input

### HL8102 PID Temperature Controller



Microprocessor-based controller with digital LCD display. Applied in industrial, commercial and residential environment via controlling electric modulating valve / damper with 0-10Vdc (4-20mA) signal or floating control. Providing proportional plus integral (PI) control with modulating and floating control output.

- Proportional plus integral (PI) advanced control with analog signal output
- 0-5Vdc, 1-5 Vdc, 0-10Vdc, 2-10Vdc or 4~20mA (0~20mA) signal and floating output
- Energy saving mode-external energy savings input (ESI) from card key or occupancy sensors
- Adjustable unoccupied setpoint for heating and cooling mode control
- Available for build-in or remote sensor(RS) function
- Remote control (RC) output for interlocking on / off control application
- Non-volatile memory (EEPROM) retains user settings during power loss
- RS-485 network interface
- Modbus RTU protocol

### HL-MC1200 Master Controller



The HL-MC1200 Master Controller provides the RS-485 communication and MODBUS protocol. It displays controllers/thermostats temperature, time and status, the modification of set-point and schedule, intervention in controllers/thermostats operation via overrides.

- Provided RS485 communication and MODBUS protocol
- Large and bright LCD backlit display.
- Provided time schedule function.
- Provided individual or Group control function.
- Allows modification of set-points and monitors status.
- Full user override capability, no programming needed.
- Provided key-locking function for protection.
- Non-volatile memory (EEPROM) retains user settings during power loss.

### HL2025 Digital Thermostat



The HL2025 series are stand-alone microprocessor based with LCD display. It is designed to on/off control the fans, valves, dampers or electric heaters in fan coil units, air-conditioners and heating applications, available for 2-pipe or 4-pipe fan coil units.s.

- Attractive modern styling ideal for locating in the occupied space
- Digital LCD display of room ambient temperature
- Adjustable heating/cooling/ventilating mode control
- Adjustable manual or automatic fan speed control and on/off control output for valve
- Available for cycling fan control
- Model available for , 85-260Vac, power input also
- Reliable DC power supply by transformer
- Reliable output by relays

### HL116 Digital Thermostat



The HL116 series thermostats are designed to on/off control the fans, valves, dampers or electric heaters in fan coil units and heating app.

- HL116DA: Two-pipe, to control 3-speed fan and motorized valve, with manual changeover and ventilation function
  - HL116DA2/P: Two-pipe, to control 3-speed fan and 3-wire motorized valve with manual changeover and ventilation function
  - HL116FCV2 / HL116AFCV2: Four-pipe, to control 3-speed fan and motorized valve with manual/auto changeover and ventilation function
- Features:**
- Surface mounting
  - Digital LCD display
  - Blue backlight
  - Manual three-speed fan switch
  - Low temperature protection

### A3920 Wireless Fan Coil Thermostat



It is a wireless thermostat to control 2-pipe or 4-pipe fan coil unit. Extra-large LCD display, symbol display. Ideal for consumers who want reliable and precise temperature control from a modern looking, simple to program and easy-to-use product.

- Transmits up to 30 meters through walls and floors
- Communicates at 433 MHz for interference free operation
- Programmable up to 4 periods daily, which can be customized for each day of the week
- Programming is retained in memory even if the battery is off power
- Backlit display for easy nighttime viewing (automatically turns off after 6 seconds of non-use)

- Battery life is approximately 6months with normal use and rechargeable by USB cable
- OFF status has an integral frost protection setting at minimum 5°C
- Low battery indicator

# PVC Strip Curtains

## PVC Strip Curtains



### Cutting

- ☀ Measure the size of door and cut the PVC strip curtain accordingly. Make sure the angle is 90 degree; Be careful with the cutter

### Punch hole

- ☀ Pushing holes in one side of PVC strip curtain
- ☀ 200mm width door curtain need 3 holes
- ☀ 300mm width door curtain need 4 holes

### Install holders

- ☀ Butt holders to the PVC strip with Screw.
- ☀ Make sure the angle between strip and holders is 90 degree

### Install hangers

- ☀ Choice the best tool to punch hole according to the material of wall
- ☀ If the hangers need to cut for special use, make sure you have remove the flash before

### Standard Sizes

2mmX200mmX50m; 2mmX300mmX50m; 3mmX200mmX50m;  
3mmX300mmX50m; 3mmX400mmX50m; 4mmX300mmX50m;  
4mmX400mmX50m



## Common PVC Strip Curtains



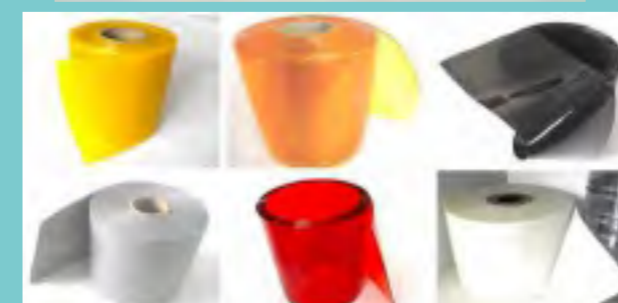
- ☀ Have good transparency;
- ☀ Can effectively stop the loss of cold air or warm air and prevent the invasion of dust and ultraviolet;
- ☀ Reduce the dB value of noise;
- ☀ Create multifunctional compartments (operating fields, offices and restrooms);
- ☀ Improving the comfort in the operation spaces and productivity.
- ☀ Double ribbed PVC strips are available offering improved durability enabling them to withstand repeated impact from heavy traffic such as forklift trucks.
- ☀ The most common color is standard clear, blue, red, yellow, orange, dark green. Etc.

## Polar PVC Strip Curtains

- ☀ Polar PVC strip curtain remain highly soft even at 50 Celsius below zero, allowing easy passing of people, vehicles and goods and effectively preventing loss of cold air.
- ☀ Save power because they do not contain electric drive.
- ☀ Do not have action component and do not produce noise during service.
- ☀ Cool strip has been designed from market experience and has been proved in independent tests to up to 50% of energy costs, while helping retail chill cabinets meet statutory temperature controls.
- ☀ Curtain are available in a range of colors, such like pale green, pale blue and clear.

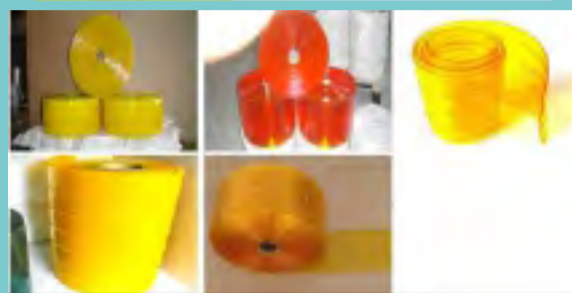


## Welding Strip Curtains



- ☀ Welding Strip Curtains are designed to save energy, protect workers, and reduce noise in warehouse and factory applications.
- ☀ Specifically designed for doors that enclose areas where welding is being performed.
- ☀ Its tinted color helps reduce the incidental effects of bright, ultra violet light from welding arcs.
- ☀ Sparks bounce off the thick material, yet it is transparent enough to allow supervisors and others to view the welding area.
- ☀ The colors are Dark Bronze, Dark Green & Ultra Violet Red

## Anti-Insect PVC Strip Curtains



- ☀ To prevent the entry of insects, birds and other pests.
- ☀ Insect-Proof PVC strip curtains is an ideal solution for anywhere that insects aren't welcome. Insect proof PVC strip curtains made with a specially formulated repellent material that wards off insects.
- ☀ They are suitable for use in food processing factories, live and fresh food processing centers, feed or beverage manufacturing factories.
- ☀ Yellow is the only color available in proof insect. It emits special light which dispels insects.

## Anti-Static PVC Strip Curtains



- ☀ Surface electric resistance 104-106Ω; lattice electric resistance 107-109Ω Used for anti-static protection in processes/work site and for segregation dust-free rooms.
- ☀ Reduces static electricity from objects or persons, dissipating it back into the atmosphere.
- ☀ For use in clean rooms, computer component assembly areas, etc. User should determine suitability of this product for its intended use.
- ☀ we can make any colors depending on customer's need. The most common colors are light green etc.

## Soft PVC Sheet

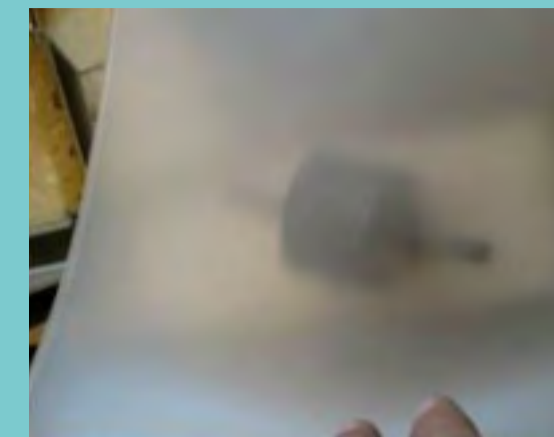


- ☀ Wide width soft boards, a high-quality plastic-rubber foam composite material, clear and transparent, with smooth surface and uniform color, free from cracks or bubbles.
- ☀ It features high withstand capacity to heat and coldness, high resistance to strong acids and alkali, hard pressure, impact, stretch, aging and has good antistatic property, high transparency and life service life.
- ☀ The colors are Green, Yellow, Red and Clear etc

### Standard Sizes

Thickness: 0.3mm to 8mm  
Width: 500mm to 1800mm  
length: 10m to 50m

## Frosted PVC Strip Curtains



- ☀ Surface is crude like ground glass.
- ☀ The colors are Translucent

### Standard Sizes

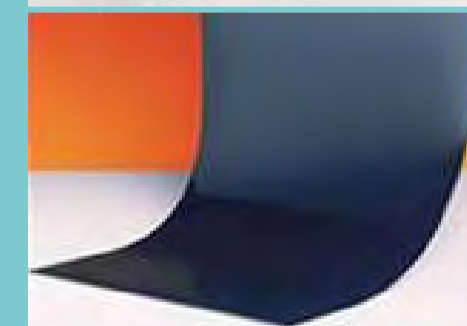
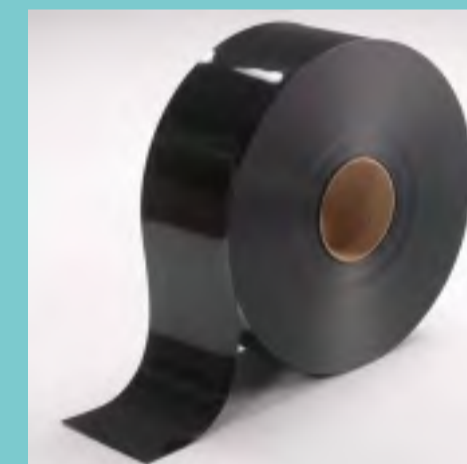
#### A. Cut edge,

2mmX200mmX50m; 2mmX300mmX50m; 3mmX200mmX50m;  
3mmX300mmX50m; 3mmX400mmX50m; 4mmX300mmX50m;  
4mmX400mmX50m;

#### B. Round edge

2mmX800mmX50m; 2mmX1000mmX50m; 2mmX1200mmX50m;  
3mmX800mmX50m; 3mmX1000mmX50m; 3mmX1200mmX50m;  
4mmX800mmX50m; 4mmX1000mmX50m; 4mmX1200mmX50m;  
5mmX800mmX50m; 5mmX1000mmX50m; 5mmX1200mmX50m;

## Opaque PVC Strip Curtain



- ☀ Use for conveyor opening curtains or as a total sight barrier between areas.
- ☀ The colors are Black
- ☀ Smooth

### Standard Sizes

#### A. Cut edge,

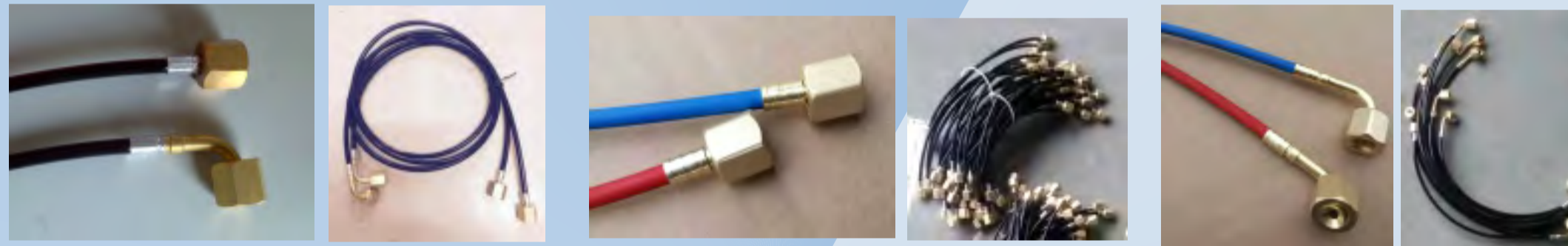
2mmX200mmX50m; 2mmX300mmX50m; 3mmX200mmX50m;  
3mmX300mmX50m; 3mmX400mmX50m; 4mmX300mmX50m;  
4mmX400mmX50m





## Thermoplastic Capillary Hose

### Thermoplastic Capillary Hose



#### Application:

The thermoplastic flexible capillary hose provides quick and easy connection to the pressure switches, gauges, oil return circuits and oil level equalization in air-conditioning and refrigeration systems. Middle layer of the hose are made by one special material reinforcement and high tension material polymer, this material surface has contains flame retardant and inhibitor. The hose inner layer material are made by Nylon, it is applicable to using like chemicals as mineral oil, petroleum, emulsion, fat hydrocarbon, Eton and Freon.

#### Feature:

- ✦ High flexibility
- ✦ Superior vibration absorption and noise reduction.
- ✦ Extremely low permeation rate.
- ✦ No brazing, flaring and bending.
- ✦ Inner layer: Nylon PA12.
- ✦ Middle layer: Polyester fiber (industrial yarn).
- ✦ Outer layer: Polyurethane (TPU).

Model	Inner Dia.	Outer Dia.	Min. Bend Radius	Working Pressure		Working Temperature	
	mm	mm		MPa	psi	min. °C	max. °C
NTCH-001	2.6	5.8	15	19.6	2843	-40	+130
NTCH-002	5	10	20	9.8	1421	-40	+130
NTCH-003	8.2	13.5	30	9.8	1421	-40	+130
NTCH-004	11.2	16.2	40	9.8	1421	-40	+130
NTCH-005	14.3	20	50	9.8	1421	-40	+130
NTCH-006	17.3	24	50	9.8	1421	-40	+130



### All kinds of high quality copper fittings



### All kinds of tools



