

MANIFOLD GAUGE SET



HONGSEN



MANIFOLD GAUGE SET HS-DVS60/HS-D480



Tool kit
High-end plastic-case packaging
Convenient storage, easy carry

Operation demonstration
90° on-off control
Easy and convenient



Product Characteristics

Digital gauge

- High precision digital display
- Simple operation

Protective housing

- Anti-collision design

Knob

- Ball valve design, easier operation and more precise charging.
- Gentle and comfortable knob

Hook

- Foldable hook
- Easy storage and hiding

Liquid indicator

- Explosion-proof liquid indicator

Model selection



HS-DVS60-101A	HS-D480AL	HS-D480AH	HS-D5300
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Model selection

Model	Pressure gauge				Refrigerant charging hose	Accessories		
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Package	Other
HS-DVS60-101A-60	R22 R134a R1234yf R32 R407C R404A R410A R507 R600a	—	psi/bar/Mpa/Kpa	°C/°F	60" 800~4000psi"	/	Plastic case	Charging control valve *2 5/16SAE*1/4SAE
HS-DVS60-101A-72	R22 R134a R1234yf R32 R407C R404A R410A R507 R600a	—	psi/bar/Mpa/Kpa	°C/°F	72" 800~4000psi"	/	Plastic case	Charging control valve *2 5/16SAE*1/4SAE

•Charging hoses 3 pcs(red,yellow,blue), all 1/4SAE connection

•Thread of all adapter on valve: 1/4SAE

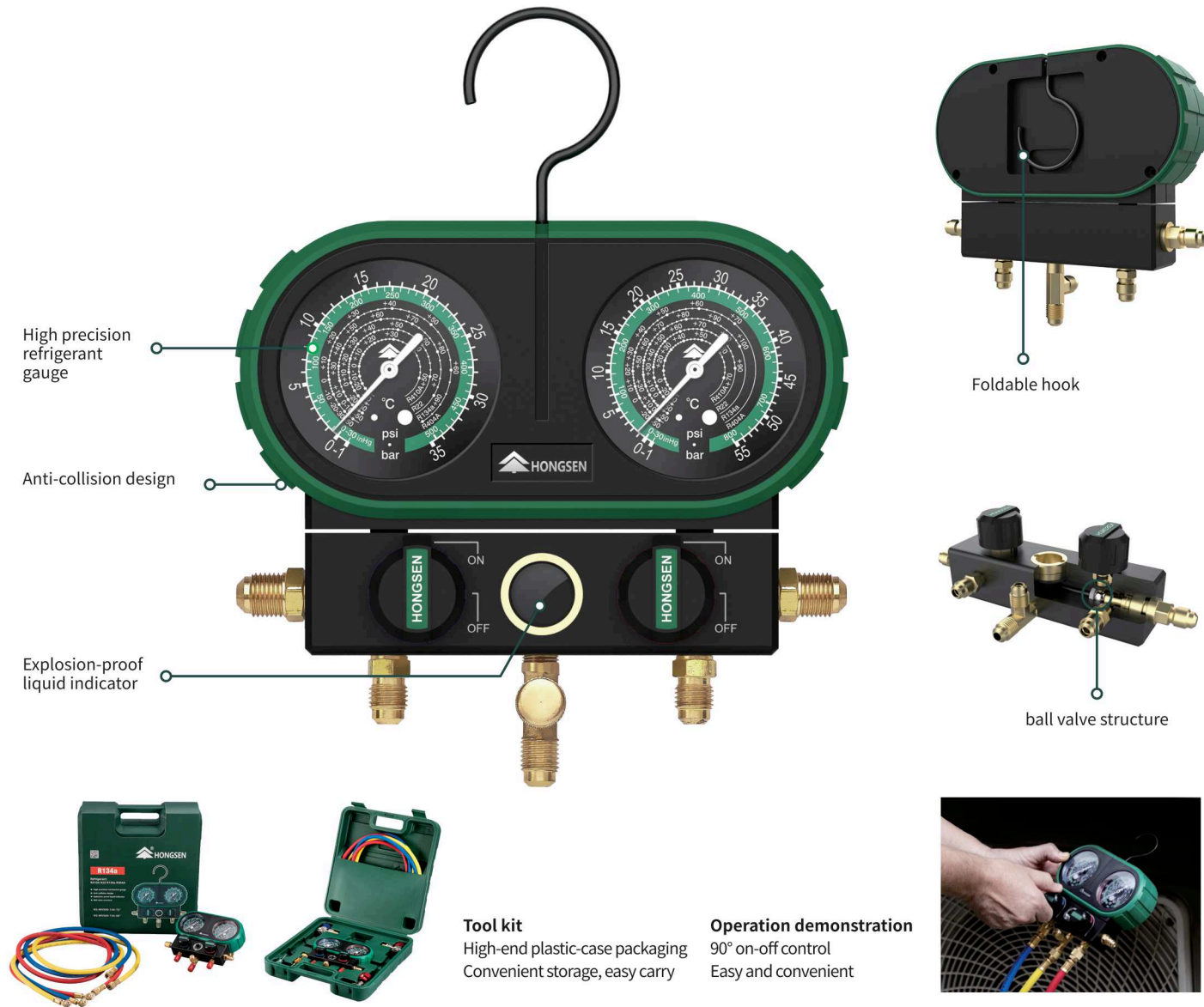
Model selection

Model	Pressure gauge				Refrigerant charging hose	Accessories		
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Package	Other
HS-D480AH-36	R22 R134a R1234yf R32 R407C R404A R410A R507 R600a	—	psi/bar/Mpa/Kpa	°C/°F	36" 800~4000psi	/	Plastic case	R410A转换接头 *1 R410A adapter *1
HS-D480AH-60	R22 R134a R1234yf R32 R407C R404A R410A R507 R600a	—	psi/bar/Mpa/Kpa	°C/°F	60" 800~4000psi	/	Plastic case	R410A转换接头 *1 R410A adapter *1
HS-D480AH-72	R22 R134a R1234yf R32 R407C R404A R410A R507 R600a	—	psi/bar/Mpa/Kpa	°C/°F	72" 800~4000psi	/	Plastic case	R410A转换接头 *1 R410A adapter *1
HS-D480AL-36	R22 R134a R1234yf R32 R407C R404A R410A R507 R600a	—	psi/bar/Mpa/Kpa	°C/°F	36" 800~4000psi	/	Plastic case	R410A转换接头 *1 R410A adapter *1
HS-D480AL-60	R22 R134a R1234yf R32 R407C R404A R410A R507 R600a	—	psi/bar/Mpa/Kpa	°C/°F	60" 800~4000psi	/	Plastic case	R410A转换接头 *1 R410A adapter *1
HS-D480AL-72	R22 R134a R1234yf R32 R407C R404A R410A R507 R600a	—	psi/bar/Mpa/Kpa	°C/°F	72" 800~4000psi	/	Plastic case	R410A转换接头 *1 R410A adapter *1
HS-D5300	R22 R134a R1234yf R32 R407C R404A R410A R507 R600a	—	psi/bar/Mpa/Kpa	°C/°F	/	/	Paper box	/

•Charging hoses 2 pcs(AH with red, yellow hose;AL with blue,yellow hose), all 1/4SAE connection

•Thread of all adapter on valve: 1/4SAE

MANIFOLD GAUGE SET HS-MVS60/HS-M480



Tool kit
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90° on-off control
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Product Characteristics

Digital gauge

- High precision refrigerant gauge
- Simple operation

Protective housing

- Anti-collision design

Knob

- Ball valve design, easier operation and more precise charging.
- Gentle and comfortable knob

Hook

- Foldable hook
- Easy storage and hiding

Liquid indicator

- Explosion-proof liquid indicator

Model selection



HS-MVS60-101A	HS-M480AL	HS-M480AH
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Model	Pressure gauge				Refrigerant charging hose	Accessories			
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Screw driver	Other	Package
HS-MVS60-101A-60	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	60" 800~4000psi	/	1 pc	R410A adapter *2	Plastic case
HS-MVS60-101A-72	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	72" 800~4000psi	/	1 pc	R410A adapter *2	Plastic case
HS-MVS60-134-60A	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	60" 800~4000psi	1. HS-MH 2. HS-ML	1 pc	Core remover*1 Can tap valve*1	Plastic case
HS-MVS60-134-72A	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	72" 800~4000psi	1. HS-MH 2. HS-ML	1 pc	Core remover*1 Can tap valve*1	Plastic case

• Charging hoses 3 pcs(red,yellow,blue), 800 psi working pres., 4000 psi bursting pres., all 1/4SAE connection
• Thread of all adapter on valve: 1/4SAE
• Plastic case packin

Model	Pressure gauge				Refrigerant charging hose	Accessories			
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Screw driver	Other	Package
HS-M480AH-36	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	36" 800~4000psi	/	/	R410A adapter *1	Paper box
HS-M480AH-60	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	60" 800~4000psi	/	/	R410A adapter *1	Paper box
HS-M480AH-72	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	72" 800~4000psi	/	/	R410A adapter *1	Paper box
HS-M480AL-36	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	36" 800~4000psi	/	/	R410A adapter *1	Paper box
HS-M480AL-60	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	60" 800~4000psi	/	/	R410A adapter *1	Paper box
HS-M480AL-72	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	72" 800~4000psi	/	/	R410A adapter *1	Paper box

• Charging hoses 2 pcs(AH with red, yellow hose;AL with blue,yellow hose), all 1/4SAE connection
• Thread of all adapter on valve: 1/4SAE

MANIFOLD GAUGE SET HS-350A-AD



MANIFOLD GAUGE SET HS-350A-AD



(With charger, for sustainable power supply)

Model selection

Tool kit

High-end plastic-case packaging

Convenient storage, easy carry



Technical Parameters

Code Number:1024 Connector:1/4 SAE

Refrigerant:R11 R12 R13 R14 R21 R22 R23 R32 R41 R114 R115 R123 R124 R134a R176
R218 R245CA R290 R401A R401B R401C R402A R402B R403A R403B R404A R406A
R407A R407B R407C R408A R409A R410A R410B R411B R412A R413A R414A R416A
R417A R420A R421A R422A R422B R422D R423A R424A R427A R434A R437A R438A R501
R502 R503 R504 R507 R600a R601 R601A R718 R1234yf

Temperature Range:-55~125°C

Temperature Accuracy:±0.5°C (-10 85°C)

Pressure Range:-0.1~4.2MPa (表压 Gauge Pressure)

Pressure Accuracy:1%

Accessories:

- 1 set of 60" 800~4000psi charging hose(red, yellow, blue)
- 2 sets of temperatures
- 1 pcs of Charger
- Plastic packing case

产品特点 Model selection

- The shell adopts soft and comfortable design,which makes it give comfortable handle and high shock resistance
- Large screen,multi-angle,big-font LCD and backlight design
- High precision pressure sensor and Digital temperature sensor greatly improve the accuracy and precision
- Micro power electronic component design greatly enhance the life of battery
- Contain 61 kinds of refrigerant parameter
- Dual channel RT measurement can work out the superheat and supercooling
- Multi-mode option can be used in vacuum measurement,pipe leak detection and routing maintenance
- Different pressure unit(MPa, kPa, bar, psi),temperature unit(°C, °F)can be switched freely to meet the usage
- It switches off automatically when the pressure is overloaded
- The valve body is made of high quality aluminum alloy

MANIFOLD GAUGE SET

HS-B60-R744

R744
CO₂



HS-B60-R744-A



HS-B60-R744-A-QC

Product Characteristics

- Valve body
Integrated copper valve structure, superior performance
- Handwheel
Ergonomic aluminum handwheel, comfortable and durable
- Pressure relief structure, manual exhaust
- Super pressure resistance, safe and reliable

Model selection									
Model	Pressure gauge				Refrigerant charging hose	Accessories			
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Screw driver	Other	Package
HS-B60-R744-A	R744 (CO ₂)	80mm(3-1/8")	psi/Mpa	/	60" 120-600bar	/	/	/	Aluminium case
HS-B60-R744-A-QC	R744 (CO ₂)	80mm(3-1/8")	psi/Mpa	/	60" 120-600bar	1.HS-MH-R744 2.HS-ML-R744	/	/	Aluminium case"

Model selection



- Double-layer steel mesh, ultra-high pressure resistance, burst pressure $\geq 8700\text{Psi}$ (60MPa)
- Hard sealed interface, safe and reliable
- SUS304 accessories, longer service life
- 8 angle hydraulic mounting, uniform force, strengthened sealing
- Protective spring, effectively protect both ends of the hose

Model selection					
Model	Refrigerant	Working pressure	Bursting pressure	Length	Connection
HS-360-R744	R744 (CO ₂)	120bar	600bar	60"	1/4SAE-1/4SAE
HS-372-R744				72"	1/4SAE-1/4SAE



- Meet the J639 standard
- Self-locking structure, environmental protection and reliable
- Adjustable opening, precise filling
- One-piece valve body structure, ultra-high pressure resistance, burst pressure $\geq 8700\text{Psi}$ (60MPa)

选型表 Model selection				
型号 Model	制冷剂 Refrigerant	接口 Connection	类型 Type	备注 Remark
HS-MH-R744	R744 (CO ₂)	1/4SAE	手动型 Manual type	high side
HS-ML-R744		1/4SAE	手动型 Manual type	low side

MANIFOLD GAUGE SET HS-S36F-1234

R1234yf



Tool kit
High-end plastic-case packaging
Convenient storage, easy carry



Product Characteristics

Valve body

- Compact valve body design, convenient and easy to carry

Liquid indicator

- Explosion-proof liquid indicator

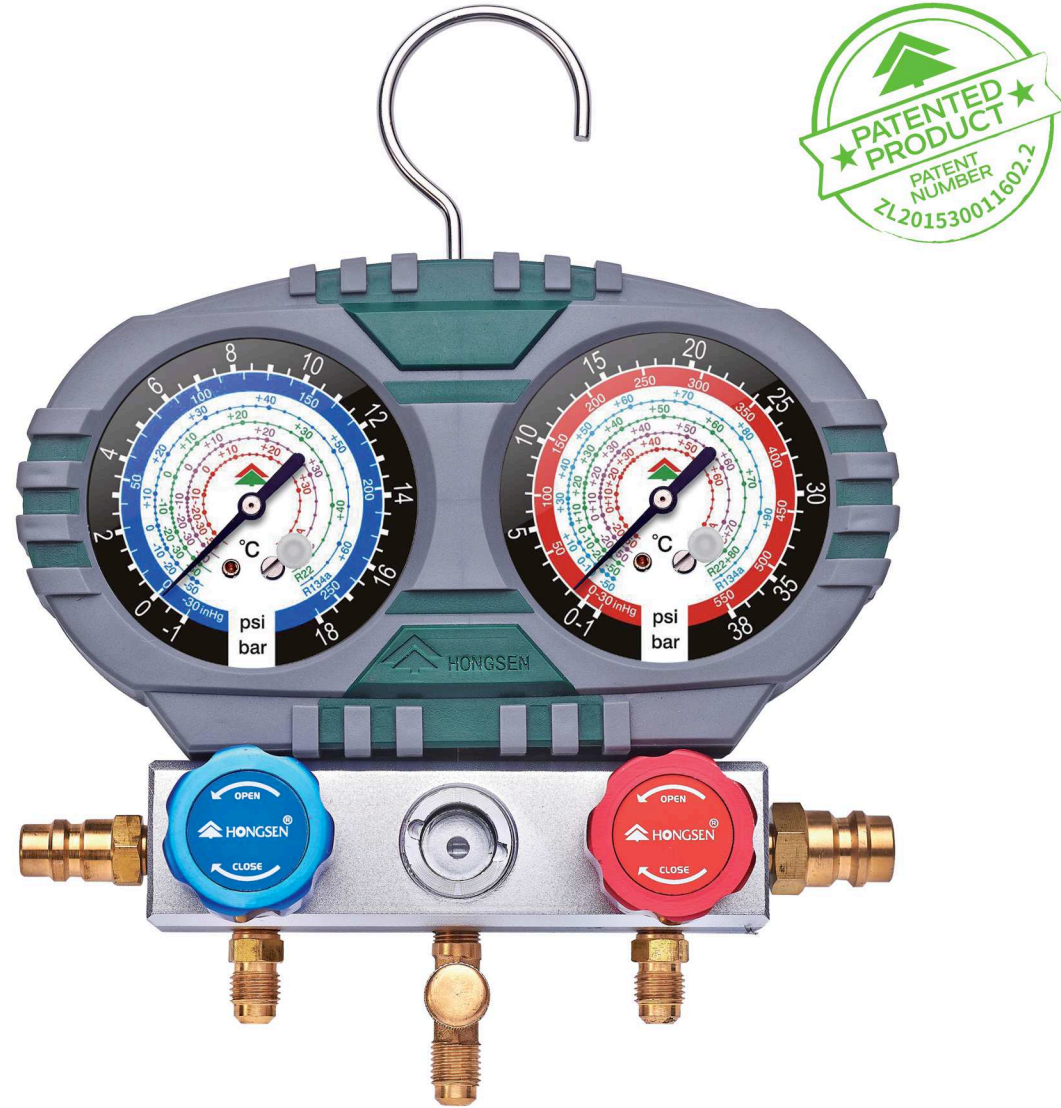
Knob

- Gentle and comfortable aluminium knob

Model selection									
Model	Pressure gauge				Refrigerant charging hose	Accessories			
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Screw driver	Other	Package
HS-S36F-1234	R1234yf	80mm(3-1/8")	psi/bar	°C/°F	60" 800~4000psi	1.HS-MH-1234 2.HS-ML-1234	1 pic	Core remover *1	Plastic case



MANIFOLD GAUGE SET HS-S60



Tool kit
High-end plastic-case packaging
Convenient storage, easy carry



Tool kit
Paper box
economical and practical

Model selection



HS-S60-101



HS-S60-102

Product Characteristics

Protective housing

- Anti-collision design

Liquid indicator

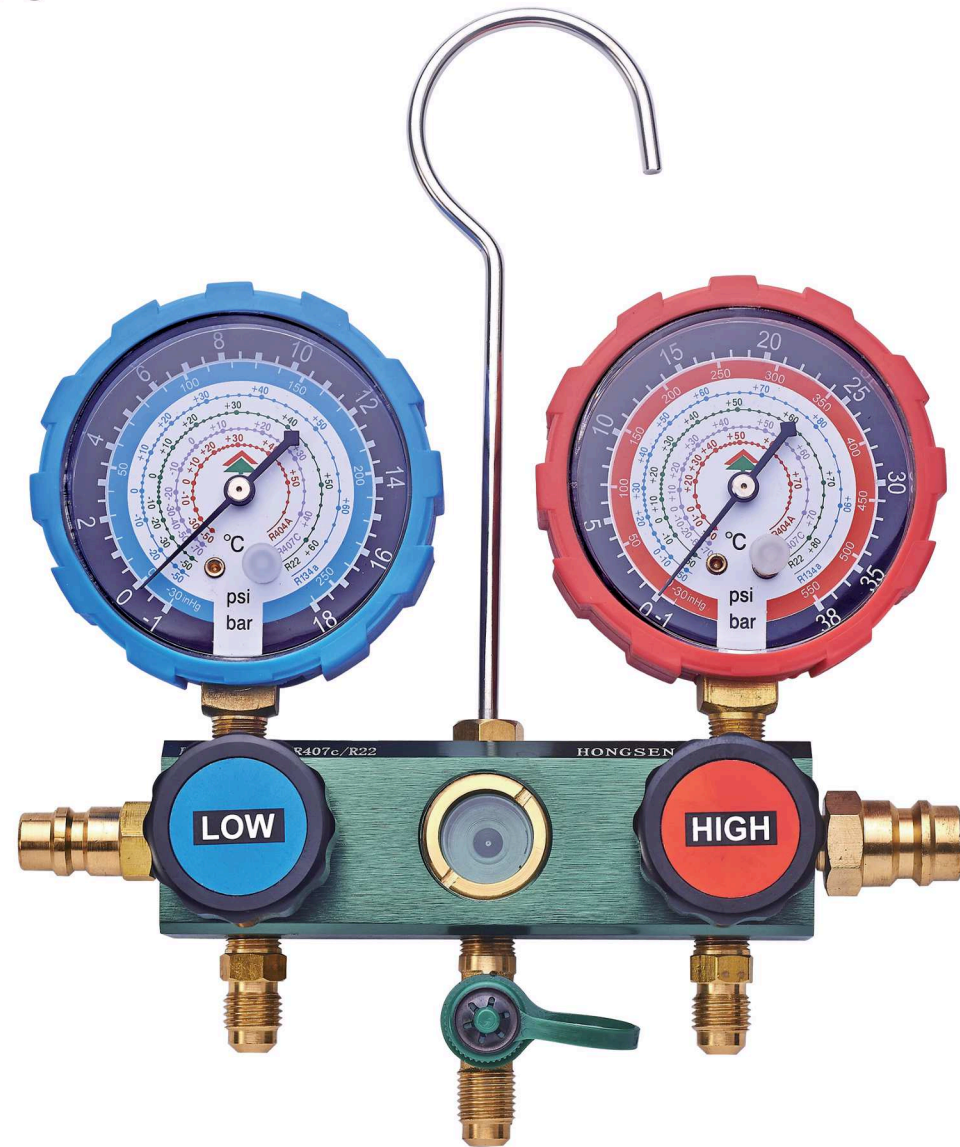
- Explosion-proof liquid indicator

Knob

- Gentle and comfortable aluminium knob

Model selection									
Model	Pressure gauge				Refrigerant charging hose	Accessories			
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Screw driver	Other	Package
HS-S60-101-60	R22 R404A R134a R407C	3-1/8" (80mm)	psi/bar	°C	60" 600~3000psi	/	/	/	Paper box
HS-S60-101-72	R22 R404A R134a R407C	3-1/8" (80mm)	psi/bar	°C	72" 600~3000psi	/	/	/	Paper box
HS-S60-102	R32 R410A	3-1/8" (80mm)	psi/bar	°C	60" 800~4000psi	/	/	/	Paper box
HS-S60-103	R410A R22 R407C R134a	3-1/8" (80mm)	psi/bar	°C	60" 800~4000psi	/	/	/	Paper box
HS-S60-104	R410A R404A R407C R134a	3-1/8" (80mm)	psi/bar	°C	60" 800~4000psi	/	/	/	Paper box
HS-S60-101-A	R22 R404A R134a R407C	3-1/8" (80mm)	Psi/bar	°C	60" 600~3000psi	/	1pc	/	Plastic case
HS-S60-102-A	R410A R32	3-1/8" (80mm)	Psi/bar	°C	60" 800~4000psi	/	1pc	/	Plastic case
HS-S60-105-A-60	R404A R407C R22 R134a	3-1/8" (80mm)	psi/bar	°C	60" 600~3000psi	1. HS-MH 2. HS-ML	1 pc	Core remover *1	Plastic case
HS-S60-105-A-72	R404A R407C R22 R134a	3-1/8" (80mm)	psi/bar	°C	72" 600~3000psi	1. HS-MH 2. HS-ML	1 pc	Core remover *1	Plastic case
HS-S60-106A	R410A R22 R134a R404A	3-1/8" (80mm)	psi/bar	°C	60" 800~4000psi	/	/	/	Plastic case

MANIFOLD GAUGE SET HS-236



Product Characteristics

Valve body

- Compact valve body design, convenient and easy to carry

Liquid indicator

- Explosion-proof liquid indicator

Knob

- Gentle and comfortable aluminium knob



Tool kit

High-end plastic-case packaging
Convenient storage, easy carry



Tool kit

Paper box
economical and practical

Model selection

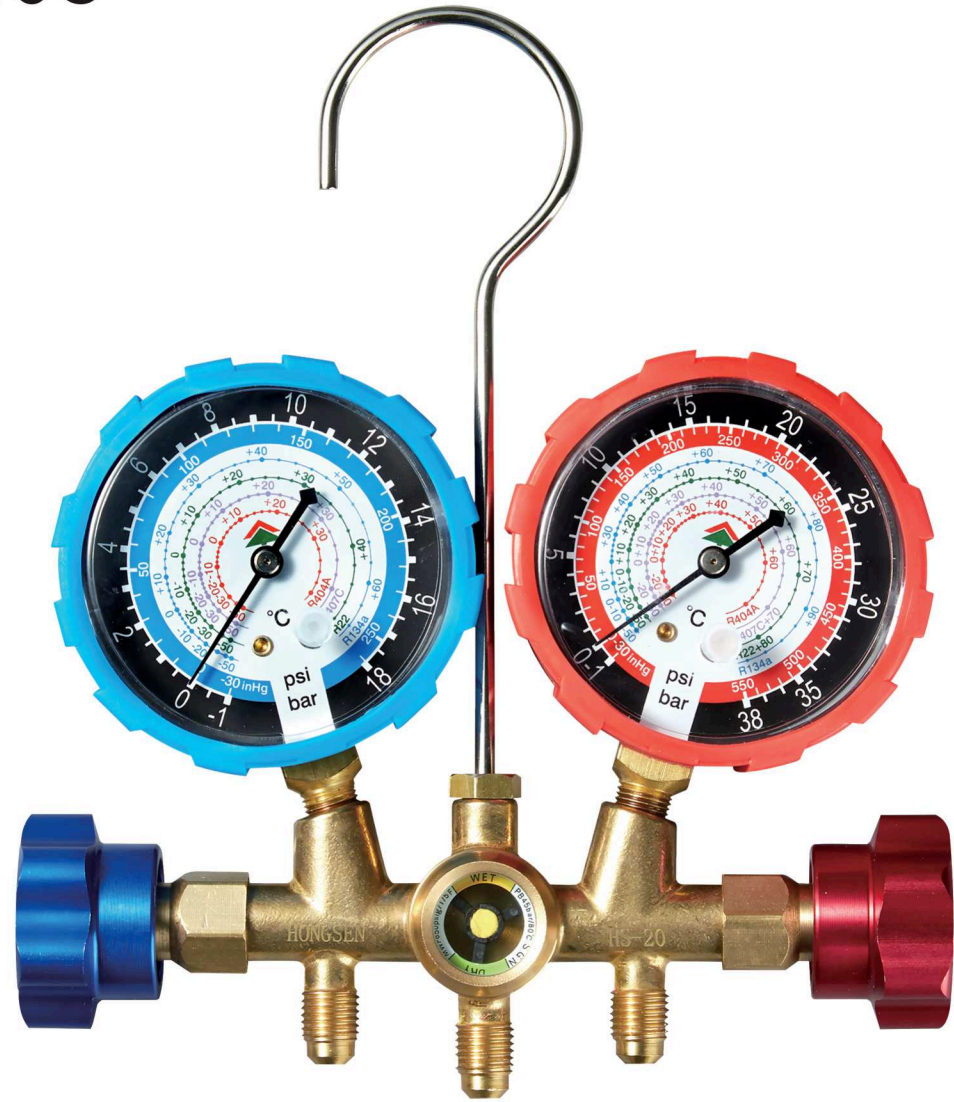


HS-S36G	HS-404G	HS-236A	HS-260A-OA
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Model selection								
Model	Pressure gauge				Refrigerant charging hose	Accessories		
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Other	Package
HS-S36G	R134a R404A R22 R407C	80mm(3-1/8")	psi/MPa	°C	36" 600-3000psi	HS-12B	Core remover *1	Paper box
HS-404G	R134a R404A R22 R407C	80mm(3-1/8")	psi/MPa	°C	36" 600-3000psi	HS-12B	Can tap valve *1	Paper box

Model selection								
Model	Pressure gauge				Refrigerant charging hose	Accessories		
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Other	Package
HS-236A-60	R22 R134a R404A R407C	70mm(2-1/2")	psi kg/cm2	°C	60" 600-3000psi	1. HS-MH 2. HS-ML	/	Plastic case
HS-236A-72	R22 R134a R404A R407C	70mm(2-1/2")	psi/bar	°C	72" 600-3000psi	1. HS-MH 2. HS-ML	/	Plastic case
HS-236-36	R22 R134a R404A R407C	70mm(2-1/2")	psi/bar	°C	36" 600-3000psi	/	/	Paper box
HS-236-60	R22 R134a R404A R407C	70mm(2-1/2")	psi/bar	°C	60" 600-3000psi	/	/	Paper box
HS-236-72	R22 R134a R404A R407C	70mm(2-1/2")	psi/bar	°C	72" 600-3000psi	/	/	Paper box
HS-260A-OA	R410A R22 R134a R404A	70mm(2-1/2")	psi/bar	°C	60" 600-3000psi	1. HS-MH 2. HS-ML	/	Plastic case

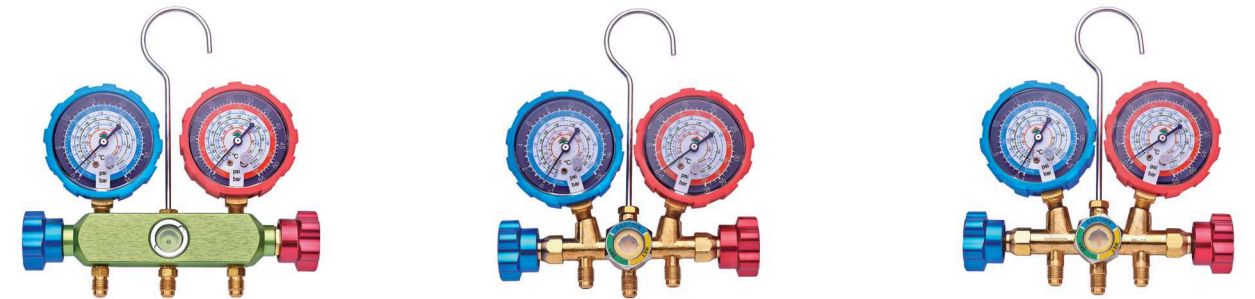
MANIFOLD GAUGE SET HS-536C



Tool kit
Paper box
economical and practical



Model selection



Product Characteristics

Valve body

- Integrated copper valve structure, reliable performance

Knob

- Gentle and comfortable aluminium knob

HS-536A	HS-536C	HS-536G-R410A
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Model	Pressure gauge				Refrigerant charging hose	Accessories		
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Other	Package
HS-536A	R410A R22 R134a R404A	70mm(2-1/2")	psi/bar	°C	36" 600-3000psi	/	/	Paper box
HS-536C	R22 R404A R407C R134a	70mm(2-1/2")	psi/bar	°C	36" 600-3000psi	/	/	Paper box
HS-536G-R410A	R22 R134a R404A R410A	70mm(2-1/2")	psi/bar	°C	36" 800-4000psi	/	/	Paper box

MANIFOLD GAUGE SET HS-473AH/HS-473AL



Tool kit
Paper box
economical and practical



Model selection



HS-473AL

HS-473AH

HS-466NAL

HS-466NAH

Product Characteristics

Single manifold gauge

- Single meter design, economical and practical

Liquid indicator

- Unique and practical designed sight glass

Valve body

- Integrated copper valve structure, reliable performance

Knob

- Gentle and comfortable aluminium knob

tModel selection

Model	Pressure gauge				Refrigerant charging hose	Accessories		
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Other	Package
HS-473AH-36	R410A R22 R134a R407C	80mm(3-1/8")	psi/bar	°C	36" R/Y 800~4000psi	/	R410A adapter *1	Paper box
HS-473AH-60	R410A R22 R134a R407C	80mm(3-1/8")	psi/bar	°C	60" R/Y 800~4000psi	/	R410A adapter *1	Paper box
HS-473AH-72	R410A R22 R134a R407C	80mm(3-1/8")	psi/bar	°C	72" R/Y 800~4000psi	/	R410A adapter *1	Paper box
HS-473AL-36	R410A R22 R134a R407C	80mm(3-1/8")	psi/bar	°C	36" B/Y 800~4000psi	/	R410A adapter *1	Paper box
HS-473AL-60	R410A R22 R134a R407C	80mm(3-1/8")	psi/bar	°C	60" B/Y 800~4000psi	/	R410A adapter *1	Paper box
HS-473AL-72	R410A R22 R134a R407C	80mm(3-1/8")	psi/bar	°C	72" B/Y 800~4000psi	/	R410A adapter *1	Paper box
HS-466NAH	R410A R22 R404A R134a	70mm(2-1/2")	psi/bar	°C	/	/	/	Paper box
HS-466NAL	R410A R22 R404A R134a	70mm(2-1/2")	psi/bar	°C	/	/	/	Paper box

MANIFOLD GAUGE SET HS-468AH / HS-468AL



Tool kit
Paper box
economical and practical



Model selection



HS-467AL	HS-467AH	HS-468AH	HS-468AL
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Product Characteristics

Single manifold gauge

- Single meter design, economical and practical

Knob

- Gentle and comfortable aluminium knob

Model	Pressure gauge				Refrigerant charging hose	Accessories		
	Refrigerant	Diameter	Pres.unit	Temp.unit		Quick coupler	Other	Package
HS-467AH	R12 R22 R404A R134a	70mm(2-1/2")	psi kg/cm2	°C	/	/	/	Paper box
HS-467AL	R12 R22 R404A R134a	70mm(2-1/2")	psi kg/cm2	°C	/	/	/	Paper box
HS-468AH	R32 R410A	80mm(3-1/8")	psi/bar	°C	/	/	/	Paper box
HS-468AL	R32 R410A	80mm(3-1/8")	psi/bar	°C	/	/	/	Paper box

Pressure Gauge

Model selection



Product Characteristics

- No-flutter gauge design
- With Front calibration access port
- Various refrigerants, pressure units, and temperature units can be customized

Model selection					
Model	Refrigerant	Dial	Pres.unit	Temp.unit	Connector
213# H	R404A R407C R22 R134a	70mm(2-1/2")	psi/bar	°C	1/8NPT
213# L					
211# H	R410A R22 R134a R404A				
211# L					
201# H	R404A R407C R22 R134a	80mm(3-1/8")			
201# L					
200# H	R32 R410A				
200# L					

Oil-filled (vacuum) pressure Gauge



Flex Hose With Valve Gauge For Nitrogen



Model selection						
Model	Refrigerant	Oil	Dial	Pres.unit	Temp.unit	Connector
242# H	R404A R407C R22 R134a	glycerin	63mm	psi/Mpa	°C	1/4SAE
242# L	R404A R407C R22 R134a		63mm	psi/Mpa		
128# H	R410A	Silicone oil	63mm	psi, Kg/cm3		
128# L	R410A		63mm	psi, Kg/cm3		
191# H	R404A R407C R22 R134a	Silicone oil	63mm	Mpa		
191# L	R404A R407C R22 R134a		63mm	Mpa		
122# H	R404A R407C R22 R134a	glycerin	63mm	Mpa psi		
122# L	R404A R407C R22 R134a		63mm	Mpa psi		
59# H	R404A R407C R22 R134a	—	63mm	psi/Mpa		
59# L	R404A R407C R22 R134a	—	63mm	psi/Mpa		

Product Characteristics

- Indicate the pressure during the leaking test under pressure
- Indicate the pressure during the flushing or nitrogen protection welding
- Mini ball valve, easy to control pressure output
- The red pointer can be used to record the input pressure.

Model selection					
Model	Applicable media	Connector	Dial	Pres.unit	Pressure range
HS-NG	R134a R404A R407C R507 R22 R410A Nitrogen gas	1/4SAE	80mm (3-1/8")	bar	-1 bar ~ 60 bar

QUICK COUPLER SERIES

HS-MH-1234 / HS-ML-1234



Product Characteristics

Standard

- Meet the J639 standard

Reliability

- Self-locking structure, environmental protection and reliable

Precise operation

- Adjustable opening, precise filling



Model selection



(R1234yf)



(R1234yf)



(R134a)



(R134a)

HS-MH-1234	HS-ML-1234	HS-MH-S	HS-ML-S
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Model selection

Model	Refrigerants	Type	Remark
HS-MH-1234	R1234yf	Manual type	high side
HS-ML-1234		Manual type	low side

Model selection

Model	Refrigerants	Accessories	Type	Remark
HS-MH-S	R134a	adapter (M14x1.5-1/4 SAE)	Manual type	high side
HS-ML-S		adapter (M14x1.5-1/4 SAE)	Manual type	low side
HS-MH-S 1/4 SAE		—	Manual type	high side
HS-MH-L 1/4 SAE		—	Manual type	low side

QUICK COUPLER SERIES HS-ML-1/4 / HS-MH-1/4

Product Characteristics

Standard

- Meet the J639 standard

Precise operation

- Adjustable opening, precise filling

Model selection



HS-ML-14x1.5	HS-MH-14x1.5	HS-ML-1/4	HS-MH-1/4
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Model selection				
Model	Refrigerants	Accessories	Type	Remark
HS-MH-14x1.5	R134a	adapter M14x1.5-1/4 SAE	Manual type	high side
HS-ML-14x1.5		adapter M14x1.5-1/4 SAE	Manual type	low side
HS-MH-1/4		—	Manual type	high side
HS-ML-1/4		—	Manual type	low side

QUICK COUPLER SERIES HS-MH-BMW/HS-12B/HS-12A

Product Characteristics

HS-MH-BMW

Standard

- Meet the J639 standard

Precise operation

- Adjustable opening, precise filling
- Specially designed for BMW

HS-12A/HS-12B

economical and practical

Model selection



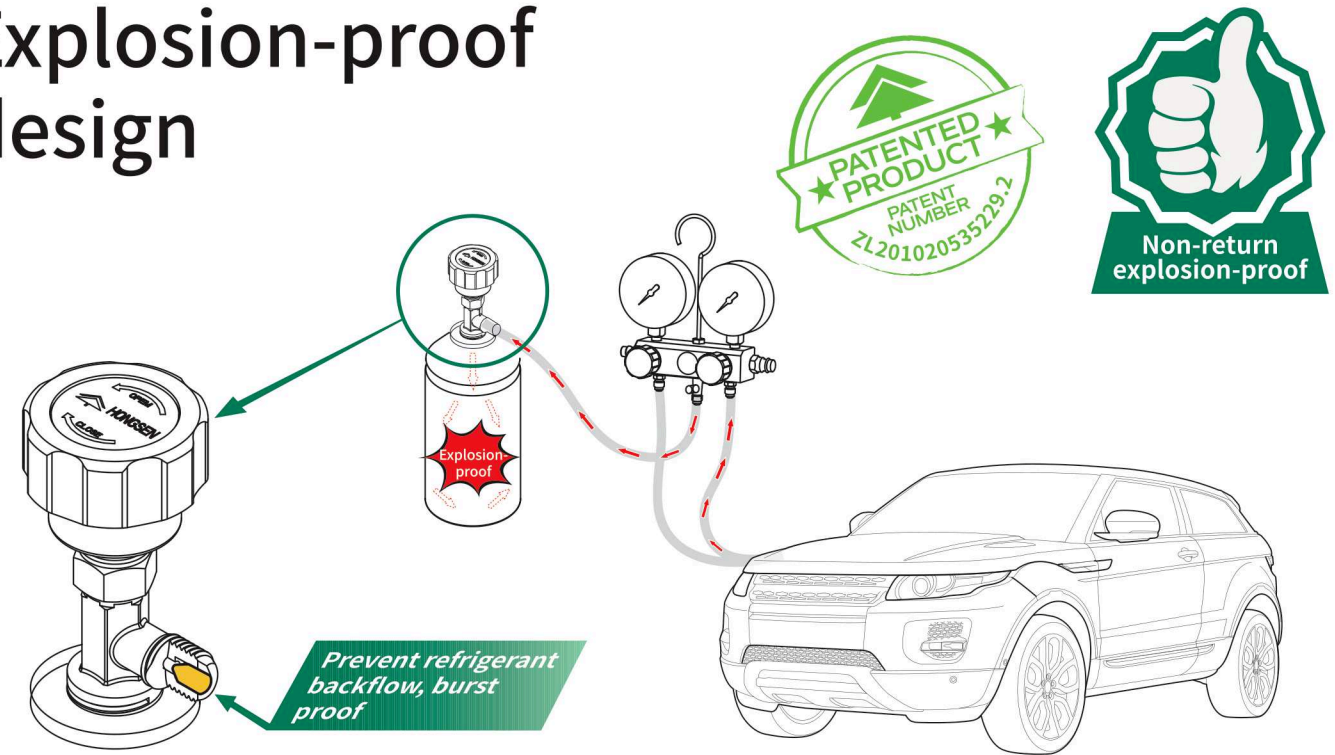
HS-MH-BMW	HS-12A	HS-12B
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Model selection				
Model	Refrigerants	Accessories	Type	Remark
HS-MH-BMW	R134a	adapter M14x1.5-1/4 SAE	Manual type	high side
HS-12A		—	push on snap	High & Low
HS-12B		—	push on snap	High & Low

CHARGING VALVE SERIES



CAN TAP VALVE Explosion-proof design



Model selection



HS-338A

HS-339A

HS-340A

Product Characteristics

Knob

- Gentle and comfortable aluminium knob

non-return design

- prevent refrigerant backflow, burst proof

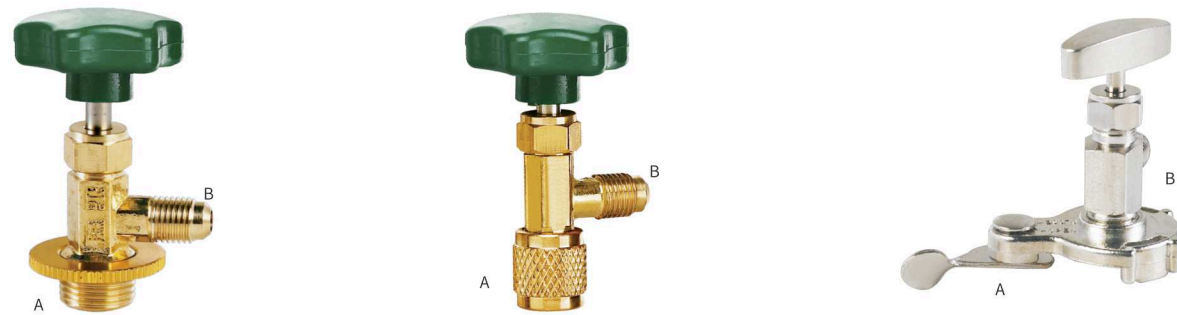
Model selection				
Model	Refrigerants	Connector A	Connector B	Type
HS-338A	R22	M12×1.25	1/4 SAE	pin type
HS-339A	R134a	M14×1.25	1/4 SAE	pin type
HS-340A	universal refrigerants	general type	1/4 SAE	pin type

CAN TAP VALVE

Product Characteristics

economical and practical

Model selection



HS-338/HS-339	HS-341	HS-340
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Model selection				
Model	Refrigerants	Connector A	Connector B	Type
HS-338	R22	M12×1.25	1/4 SAE	pin type
HS-339	R134a	M14×1.25	1/4 SAE	pin type
HS-341	R22 R134a R410A	7/16-28UNF	1/4 SAE	tem type
HS-340	universal refrigerants	general type	1/4 SAE	pin type

Refrigerant Charging Control Valve

Product Characteristics

Knob

- Aluminum knob, comfortable and durable
- Safe and reliable, energy saving and environmental protection



Model selection



HS-1221	HS-1222	HS-1223
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Model selection				
Model	Refrigerants	Connector A	Connector B	Type
HS-1221	R410A R32	5/16 SAE(female)	1/4 SAE	stem type
HS-1222	R22 R404A R407C	1/4 SA(female)	1/4 SAE	stem type
HS-1223	R410A R32	5/16 SAE(female)	5/16 SAE	stem type

Remarks: Special threads such as 1/2ACME, 1/2ACME left-handed, 5/16SAE left-handed, etc. can be customized

REFRIGERANT CHARGING HOSE SERIES



SAE J2196
SAE J2888

产品特点 Product Characteristics

行业标准 Standard

- 三色管符合SAE J2196 SAE J2888标准
Meet the SAE J2196 and SAE J2888 standard

密封性强 Sealing

- 带六角滚花, 可使用扳手锁紧, 保证密封效果
Knurled with hexagon, can be locked with a wrench to ensure the sealing effect
- 八角液压, 受力均匀, 加强密封
8 angle hydraulic pressure, uniform force, strengthened sealing

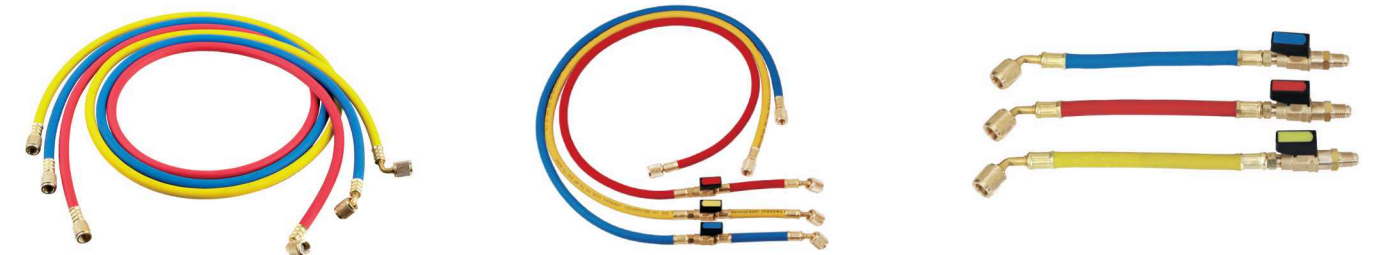
安全可靠 Reliability

- 改性PTFE密封材质, 适用多种制冷剂, 使用寿命更长
Modified PTFE sealing material, suitable for a variety of refrigerants, longer service life

实用方便 Convenience

- 接口, 长度均可定制
Connector and length can be customized

选型 Model selection



Charging hose

Charging hose With Ball Valve

Ball Valve

选型表 Model selection

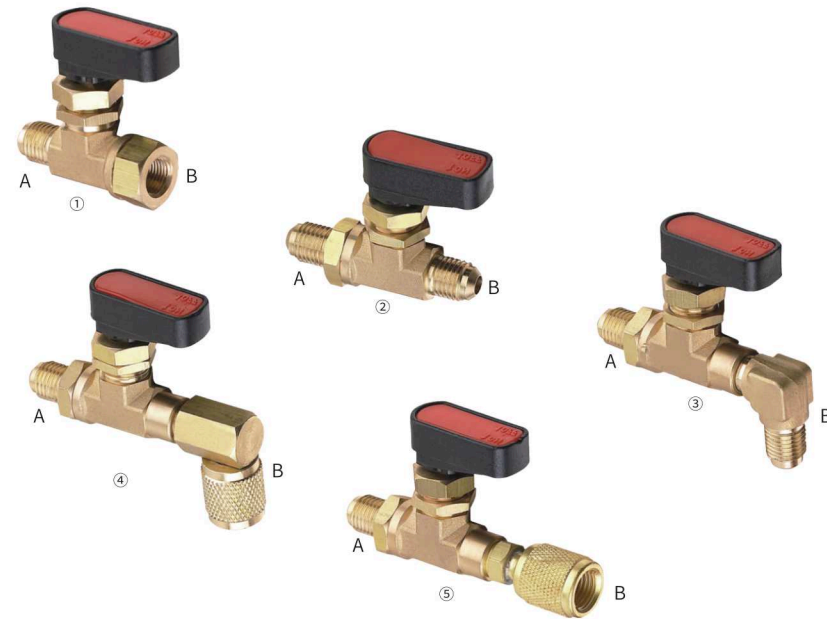
型号 Model	适用制冷剂 Refrigerants	工作压力 Working Pressure	爆破压力 Burst Pressure	长度 Length	接口 Connector
HS-336	R22 R134a R404A R407c	600psi	3000psi	36"	红Red: 1/4SAE-1/4SAE 蓝Blue: 1/4SAE-1/4SAE 黄Yellow: 1/4SAE-1/4SAE
HS-360				60"	
HS-372				72"	
HS-336-R410A	R22 R134a R404A R407c R410A	800psi	4000psi	36"	红Red: 1/4SAE-5/16SAE 蓝Blue: 1/4SAE-5/16SAE 黄Yellow: 1/4SAE-1/4SAE
HS-360-R410A				60"	
HS-372-R410A				72"	
HS-336-BV	R22 R134a R404A R407c R410A	800psi	4000psi	36"	红Red: 1/4SAE-1/4SAE 蓝Blue: 1/4SAE-1/4SAE 黄Yellow: 1/4SAE-1/4SAE
HS-360-BV				60"	
HS-372-BV				72"	
HS-115-1/4	R22 R134a R404A R407c R410A	800psi	4000psi	6"	1/4SAE-1/4SAE
HS-115-5/16				6"	1/4SAE-5/16SAE

BALL SHUT OFF VALVE

Product Characteristics

- Integrated copper valve structure, stable performance
- Double sealing, safe and reliable
- Modified PTFE sealing material, suitable for a variety of refrigerants

Model selection



Model selection					Model selection				
Model	Group	Refrigerants	Connector A	Connector B	Model	Group	Refrigerants	Connector A	Connector B
1320-01	①	R22 R134a R502 R404A R407C R410A	1/4 SAE M	1/8 NPT F	1320-08	③	R22 R134a R502 R404A R407C R410A	1/4 SAE M	1/4 SAE M 90°
1320-05	②		1/4 SAE M	1/4 SAE M	1320-13			5/16 SAE M	5/16 SAE M 90°
1320-06			5/16 SAE M	1/4 SAE M	1320-02	⑤		1/4 SAE M	1/4 SAE F
1320-11	④		5/16 SAE M	1/4 SAE F 90°	1320-03			1/4 SAE M	5/16 SAE F
1320-07			1/4 SAE M	1/4 SAE F 90°	1320-04			1/4 SAE M	3/8 SAE F
1320-09			1/4 SAE M	5/16 SAE F 90°	1320-10			5/16 SAE M	1/4 SAE F
1320-14			5/16 SAE M	5/16 SAE F 90°	1320-12			5/16 SAE M	5/16 SAE F

Remarks: Special threads such as 1/2ACME, 1/2ACME left-handed, 5/16SAE left-handed, etc. can be customized

SCHRADER VALVE REMOVER



SCHRADER VALVE REMOVER

Product Characteristics

HS-1430 / HS-1424

- The connector can be flexibly converted
- Assemble and disassemble valve core under running condition of refrigeration system

HS-1431

- Both ends can be used
- Simple and practical

Model selection



HS-1430	HS-1424	HS-1431
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Model selection		
Model	Connector	Working Condition
HS-1430	1/4 SAE & 5/16 SAE	5V1
HS-1424	1/4 SAE & 5/16 SAE & R134a	5V1
HS-1431	General	5V1 & 6V1

OIL INJECTOR

Product Characteristics

- Special threads such as 1/2ACME, 1/2ACME left-handed, 5/16SAE left-handed, etc. can be customized
- One-way filling, effectively preventing backflow
- Filling the fluorescent reagents and refrigerant oil for system

Model selection



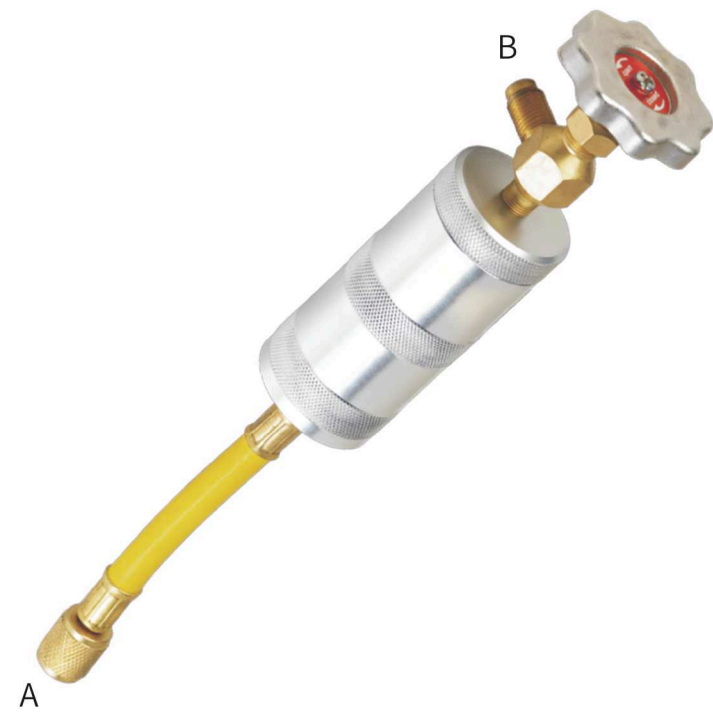
HS-1416	HS-1417
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Model selection		
Model	Connector	Capacity
HS-1416	1/4 SAE	70ml
HS-1417	1/4 SAE	14ml

FLUORESCENT LIQUID FILLER

Product Characteristics

- Special threads such as 1/2ACME, 1/2ACME left-handed, 5/16SAE left-handed, etc. can be customized
- Filling the fluorescent reagents and refrigerant oil for system



Model selection			
Model	Connector A	Connector B	Capacity
HS-1418	1/4 SAE	1/4 SAE	60ml

A/C FLUSH CLEANER

Product Characteristics

- Flexible hose connection, easy to use
- Can clean the condenser and evaporator deeply
- Automatic discharge of overpressure, safe and reliable



Model selection			
Model	Connector	Working Pressure	Capacity
HS-1415R	1/4 SAE	1Mpa	1000ml

CUTTER

Product Characteristics

- Adjustable opening, easy to use
- Durable alloy blade,
- Sharp edge, less burr

Model selection



HS-T28

HS-T42

Model selection	
Model	Size
HS-T28	Φ3-Φ28
HS-T42	Φ4-Φ42

CYLINDER

Product Characteristics

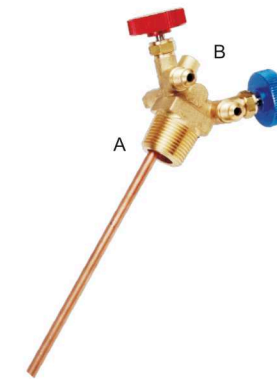
Cylinder valve

- Integrated brass valve structure, safe and reliable
- Modified PTFE gasket, superior performance
- Safe pressure relief, adjustable from 2.8MPa-5.5MPa
- Two connectors: high pressure (liquid) and low pressure (vapor)
- The length of brass pipe can be customized

Cylinder 12L / 30L

- Reusable
- Safe pressure relief, adjustable from 2.8MPa-5.5MPa
- Two connectors: high pressure (liquid) and low pressure (vapor)

Model selection



Cylinder valve

Cylinder 12L / 30L

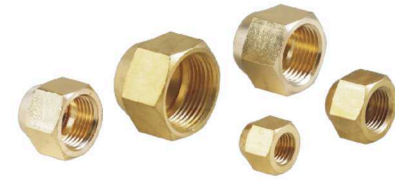
Model selection			
Model	Connector A	Connector B	Refrigerants
Cylinder valve	PZ27.8	1/4SAE	R22/R134a/R404A/R407C/R410A

Model	Size
Cylinder 12L	1/4 SAE
Cylinder 30L	1/4 SAE

BRASS FITTINGS

Nut

- Forged from high-quality copper alloy
- Complete connectors



1/4 3/8 1/2 5/8 3/4

Nut

1/4 3/8 1/2 5/8 3/4

Union connector

- High quality copper alloy
- Complete connectors



1/4 3/8 1/2 5/8 3/4

Union connector

1/4 3/8 1/2 5/8 3/4

Adapter

- High quality copper alloy
- Circlip structure, environmental protection



Adapter	Connector A	Connector B
R22 Adapter	1/4 SAE(female)	5/16 SAE(male)
R410 Adapter	5/16 SAE(female)	1/4 SAE(male)

Adapter

- High quality copper alloy



Adapter	Connector A	Connector B
Adapter	1/2 ACME(female)	1/4 SAE (male)

BRASS FITTINGS

Copper sealing ring

- High quality copper alloy
- Complete connectors



Copper sealing ring

1/4 3/8 1/2 5/8 3/4

Copper cap

- High quality copper alloy
- Complete connectors



Copper cap

1/4 3/8 1/2 5/8 3/4

Capillary tube with nut

- High quality copper alloy
- Welding structure, firm and reliable
- Connector and length can be customized



Capillary tube with nut	Length	Connector
HS-1350	1M	1/4 SAE
HS-1351	1.5M	1/4 SAE
HS-1352	2M	1/4 SAE