



**C H I N A W A L L**  
S I N C E 1 9 9 6

**2024 - 2025**

**BUSINESS  
CATALOGUE**





**NEW**

**Making Your Job More Enjoyable**

# VTB-22L Power Tube Bender Industry's First Power Tube Bender

### Battery-Driven Effortless Bending

- Powerful for large size tubing
- Push and hold for 90° bending
- Automatic tube release

### Large Lithium Battery

- Around 90 bends per charge
- Quick charge in 35 minutes

### Easy Operation

- Ergonomic handle design
- Stop any time for customized angles

### Patented Tubing Size Selector

- 7 sizes in one selector
- Easy to switch to different tubing size setting

### Other Features

- Quick connect mandrel and crossbar
- Battery power indicator



## VMV1S

### Premium Micron Vacuum Gauge



Angled Stem Supplied

- Easy-to-read large digital display
- Backlit for clarity
- Auto power off
- Vacuum level reminder
- Vacuum leakage warning
- Decay target and decay duration
- 34.5 bar maximum pressure
- Professional grade
- Precise
- Long battery life
- Easy to carry

# VML-2 Leak Detector Precise Measurement

### Heating Semiconductor Sensor

- Precise sensor to detect 2g/a leakage level
- Extended service life

### 43 cm-long probe

- Detect leakage at limited space

### Display leakage levels in digits

- Easy to read

### 3 sensitivity levels

- 3 sensitivity levels to fit different leakage levels

### Auto-reset

- Auto-reset to avoid disturbance from surrounding pollutions.

### Ergonomic Design

- Easy to carry





**The world's leading  
refrigerant manufacturer,  
Dongyue Group provides  
you with the highest  
quality refrigerants**





# STAY COOL & STAY COMFORTABLE

## STAY WITH DY

Keep the coolness and comfort of your home and business with the best coolant services in the city. Let's keep the comfort of your home only with Dy Refrigerant service





# SUPERIOR CAPACITOR

# Mascotop®

CBB65 AC MOTOR RUN CAPACITOR  
(GOLDEN TYPE)

CBB65 型交流电机电容器 (金色款)



LIMITED EDITION



5 IN 1 MULTI SMART COMBINATION



SPP6 & SPP5 HARD STARTING CAPACITOR



CBB65 RUNNING CAPACITOR



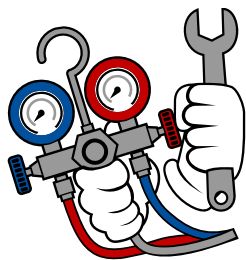
MULTI PURPOSE CAPACITOR



# “麦”向全球 “特”质不凡

## CAPACITOR 电容器

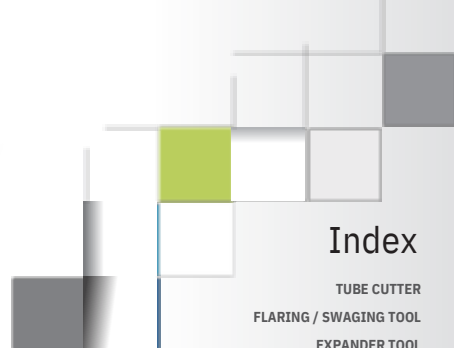
Sold in, 80 countries worldwide





# Professional Refrigeration System Service Tool

MADE IN TAIWAN



## Index

- TUBE CUTTER
- FLARING / SWAGING TOOL
- EXPANDER TOOL
- TUBE BENDER
- TORQUE WRENCH
- TUBING TOOL
- REPLACEMENT GAUGE
- CHARGING HOSE
- SERVICE MANIFOLD
- QUICK COUPLERS
- SERVICE ACCESSORIES
- AIR CURTAIN
- INSTRUMENT
- BRASS FITTING
- OTHERS
- BRAZED PLATE HEAT EXCHANGER
- AC&R COMPONENT PARTS

## Tube Cutter

**Item No.** 127R  
Mini cutter  
1/8" ~ 5/8" O.D. tubing  
with rollers for easy cutting



127R

**Item No.** 274  
Heavy duty cutter  
1/8" ~ 1-1/8" O.D. tubing  
Including spare wheel



274

**Item No.** 206  
Sliding ratchet cutter  
3/8" ~ 2-5/8" O.D. tubing  
Including spare wheel



274

**Item No.** PTC-01  
Capillary tube cutter  
capacity : 1.0 mm ~ 3.0 mm  
O.D. tubing



PTC-01

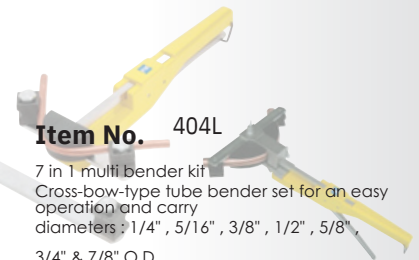
## Expander Tool

**Item No.** 101HT-A  
Hydraulic expander tool  
Kit contents : heads for 3/8",  
1/2", 5/8", 3/4", 7/8", 1",  
1-1/8" tubing O.D., & 208A  
reamer  
(plastic carrying case)



## Tube Bender

**Item No.** 404L  
7 in 1 multi bender kit  
Cross-bow-type tube bender set for an easy  
operation and carry  
diameters : 1/4", 5/16", 3/8", 1/2", 5/8",  
3/4" & 7/8" O.D.  
supplied in a sturdy plastic case.



525



195



193-S



203



DW-0885



368-180



PF-015T





## Torque Wrench



633A

### Item No. 633A

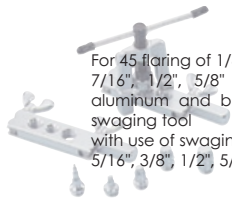
Interchangeable torque wrenches complete kit  
Torque : 10~75 Nm  
Size of wrenches: 17, 22, 24, 26, 27 & 29 mm  
Kit Contents :

Wrench Dimension Refrigerant  
17/4" Conventional torque wrench + R410A  
223/8" Conventional torque wrench + R410A  
241/2" Conventional torque wrench  
261/2" R410A  
275/8" Conventional torque wrench  
295/8" R410A



275L

### Item No. 275L



For 45 flaring of 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" and 3/4" O.D. soft copper, aluminum and brass tubing covert quickly to swaging tool with use of swaging adapters for 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4" O.D. tubing



278L

### Item No. 278L

For 45 flaring of 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", and 3/4" O.D. soft copper, aluminum and brass tubing covert quick to swaging tool with use of swaging adapters for 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4" O.D. tubing, also included one 274 cutter and one reversible ratchet wrench

## Service Manifold



### Item No. 536G



### Item No. 4WDD



### Item No. PM-700-24

Digital manifold kit :  
• with 360RYB hoses  
• TP-03 K type temperature probes  
• CTK-01 K type Clamp thermocouple  
packed by blow case

## Quick Couplers



QC-H

QC-L

QC-16-H

QC-16-L

QC-12

## Charging Hose

336RYB

360RYB

372RYB

396RYB



Charging hoses (R134a)  
1/2" acme x 1/2" acme (yellow), 1/2" acme x 14mm (blue & red)

360RYB-

410

372RYB-

410



Charging hoses (R410)  
1/4" SAE x 5/16" SAE 45°

## Replacement Gauge



RG2440H-80



RG2440L-80

## Charging Scale



Item No.

PCS -120B

Electronic programmable charging scale (resolution 5g) For all refrigerants. Programmable amount of refrigerant.  
Lbs./oz. : Kilograms dual measurement unit.  
Removable weight platform.  
Weight capacity : 0 lbs 0.0 oz to 264 lbs., 0.0 oz / 0.000kg to 120 kg  
Resolution : 5g / 0.2oz  
Accuracy : ±0.5%  
Operating temperature : 32°F to 113°F (0°C to 45°C)  
\*Solenoid = DC 6V (AA\*4)

## Leak Detector



Refrigerant leak detector  
Audible beep and three color level LED display Equal sensitivity to CFCs, HCFCs and HFCs  
15.5" ( 40cm) flexible stainless probe  
High-low leak sensitivity  
low battery indication  
Working temp : -10 ~ 60°C

Item No. PM-382



**QD-PU01E**  
CONDENSATE PUMP  
Maximum flow :24 L/h



**QD-PU02E**  
SPLIT TYPE PUMP  
Maximum flow :24 L/h



**QD-PU03E**  
CONDENSATE PUMP  
Maximum flow :200 L/h

**QD-PU01F**  
CONDENSATE PUMP  
**LARGE DISCHARGE CAPACITY**  
Maximum flow :40 L/h

**QD-PU02F**  
SPLIT TYPE PUMP  
**LARGE DISCHARGE CAPACITY**  
Maximum flow :40 L/h

**QD-PU03F**  
CONDENSATE PUMP  
**LARGE DISCHARGE CAPACITY**  
Maximum flow :260 L/h



## Wireless high-pressure car cleaner Household car washing machine

DIMENSIONS	25*9*21CM
POWER	100-120W
WORKING TIME	16Min-18Min
FLOW RATE	2.7L/h
RATED PRESSURE	10-15bar



**QD-HVAC09**

### Air Conditioner Thermostat

- Set points and room temperature display simultaneously
- 6.8 sq. inch backlight LCD
- Compressor short cycling protection available



**QD-HVAC10**

### Programmable Thermostat

- 5+2 programmable
- 6.8 sq. inch backlight LCD
- Battery power or 24V Hardwire



**QD-HVAC21**

### Touch screen thermostat

- Full screen design integrated touch panel.
- Silver metal coating process.
- Power button 3D concave inside.
- White backlight, automatic brightness adjustment.



**QD-HV123CW**

### Smart color screen WiFi thermostat

- Colorful & Touching LCD screen
- Wireless control
- 7 days programmable







## ✂ KT-5999

Universal A/C Remote Control

- 6000 IN 1
- Codes inputting
- Timer on/off
- Clock function

## ✂ KT-6018

Universal A/C Remote Control

- 6000 in 1
- Codes inputting
- Timer on/off

## ✂ KT-9018E

Universal A/C Remote Control

- 4000 in 1
- Codes inputting
- Intelligent cooling heating function

## ✂ KT-109II

Universal A/C Remote Control

- Fast cool
- Comfortable keys
- Hybrid coding patent and no setting

### 6000-12000 BTU



## ✂ QD85

Universal DC inverter control system for split air conditioner

- Refrigeration&heat effect better
- Drive strong DC compressor
- Drive outdoor DC fan motor
- Drive indoor DC fan motor

### 18000-24000 BTU



## ✂ QD82U+

Universal DC inverter control system for split air conditioner

- Drive strong DC compressor
- Drive outdoor DC fan motor
- Drive indoor DC fan motor
- Drive electronic expansion valve



## ✂ QD68AI

AI & WIFI UNIVERSAL A/C CONTROL SYSTEM

- Off-line voice control
- Quick voice answer
- WI-FI router connection
- Smart life APP to remote control



## ✂ QD-U02B+(M)

Universal Air conditioner control system

- 3 fan speed
- Luxury receiver
- Transformer plug



## ✂ QD55DC

Universal Air conditioner control system

- Special use for 310V DC fan
- Strong start capacitor for fan motor
- Auto restart function



## ✂ QD-U03C+

Universal Air conditioner control system

- Auto restart
- Double sensors
- Outdoor fan controlled independently



## ✂ QD-U08C

Universal Air conditioner control system

- Auto restart
- Digital temperature display
- Outdoor fan controlled independently



## ✂ QD-U12A

Universal Air conditioner control system

- Auto restart function
- Large LCD display panel
- High production technique



# ST ALBANS

## SUPER DYE UV LEAK DETECTOR PAG(R134a)

1/4 oz. Per Vehicle - Treats up  
to 32 Vehicles Safe,  
efficient, and fast leak detection



8 FL. OZ. (237ML)



8 FL. OZ. (237ML)

## SUPER DYE UV LEAK DETECTOR PAG(R-1234yf)

1/4 oz. Per Vehicle - Treats up  
to 32 Vehicles Safe,  
efficient, and fast leak detection

**NEW**

## Refrigeration Compressor Lubricant 3GS/4GS/5GS

Premium HVACR/MVAC lubricant  
Use with air conditioner

OEM Approved

### Product Use:

Recommend by most major equipment manufacturers, Highly stable, essentially wax free, providing excellent low temperature properties and assuming long trouble-free life. Can be used in any compressor installation, and are mixable with (H)CFC refrigerants and natural refrigerants. Can be applied in commercial as well as in residential refrigeration and air conditioning systems.

### Caution:

Avoid skin and eye contact, especially with used oil. Wash skin thoroughly after handling. Launder contaminated clothes before reuse. Keep out of reach of children.



3GS 4GS 5GS (1L)

3GS 4GS 5GS (4L)



# ST ALBANS

**NEW**

## ST ALBANS Leak Stop for Air Conditioning and Refrigeration Systems -30ml

Including 1 pc Luer Adapter

1 PC 30ML Syringe for system up to 4 tons or 500ml of compressor lubricant



## ST ALBANS Super Dye U/V Leak Detector Syringe-30ml

Including 1pc Luer Adapter

- Finds leaks quickly and easily
- Solvent free, safe for all systems and equipment
- Compatible with all lubricants
- Anti-wear agents and friction modifiers enhance compressor and A/C system efficiency while reducing compressor wear
- Anti-oxidants protect system against formation of sludge and other deposits



## ST ALBANS HVAC Leak Stop +U/V DYE Syringe -30ml

Including 1pc Luer Adapter

1 PC 30ML Syringe for system up to 4 tons or 500ml of compressor lubricant

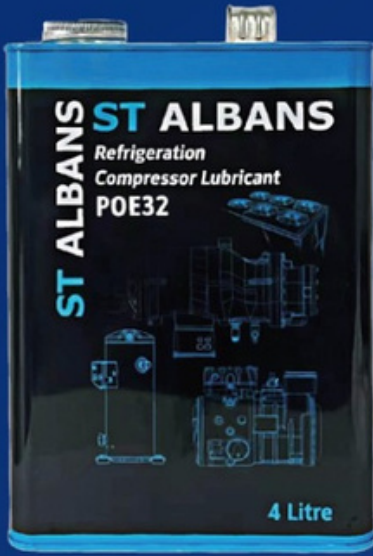
- Air Conditioning, Refrigerant Leak Repair, Vehicle A/C System
- Compatible with all refrigeration lubricants and refrigerant gases, including R12, R134a, R1234yf, CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia). It is the ideal solution for repairing refrigerant gas leaks even in the air conditioning systems of hybrid and electric vehicles.
- Leak stop that permanently repairs leaks up to 0.3 mm on rubber and metal components of air conditioning and refrigeration systems, including those in vehicles.





# ST ALBANS

## Refrigeration Compressor Lubricant POE32/POE68



**POE32 POE68 (4L) POE32 POE68 (1L)**

ERT series are highend automotive air conditioning compressor luating oils formulated from synthetic ester based oils and additives.

### Product performance:

- ERT series has good compatibility with HFC (such as R134aR404A,R407C, R410A,R507A,R23,R508A,R508B)
- Reliable lubrication
- Excellent thermal stability
- Chemical stability
- Electricalinsulation and material compatibility

Item	Experimental Method	68	32
Kinematic viscosity(40°C), mm <sup>2</sup> /s	ASTM D445	69	32
Kinematic viscosity(100°C), mm <sup>2</sup> /s	ASTM D445	8.3	5.3
Flash point(open cup)°C	ASTM D92	>200	>200
Specific gravity (20°C)g/m <sup>3</sup>	ASTM 4052	>0.956	>0.956
Pour point °C	ASTM D97	<-40	<-40
Colour (APHA)	ASTM D1500	<0.5	<0.5
moisture content (PPM)	ASTM D6304	<300	<300
Total acid number (mgKOH/g)	ASTM D974	<0.1	<0.1

## VACUUM PUMP OIL VPO-68

### Functional characteristics:

- Synthetic Formula Resist Oxidation
- Improves Vacuum Pump Performance
- Extends Vacuum Pump Life
- Compatible With All Vacuum Pump Brands

### Warning:

Can cause an allergic skin reaction.  
Avid all contact with the eyes.



**VPO-68  
500ML**

**VPO-68  
1G**

**VPO-68  
1L**

## VACUUM PUMP OIL VPO-100

### Precautionary statements:

- Wear protective gloves, protective clothing, eye protection and faceprotection when handling oils.
- If on skin: wash with plenty of water.
- If skin irritation or rash occurs: Get medical advice / attention.
- Wash contaminated clothing before reuse.
- Dispose of contents andthe container in an appropriate treatment and disposal facility in accord ance with applicable laws and regulations.Do not dispose of oil into drainage or into sources of drinking water.



**VPO-100  
500ML**

**VPO-100  
1G**

**VPO-100  
1L**



# ST ALBANS

## ST ALBANS Super Dye U/V Detector Kit PAG (R134a) & PAG (R1234yf)



- 1PC 30ml PAG(R134a) U/V Dye Syringe
- 1PC 30ml PAG(R-1234yf) U/V Dye Syringe
- 1PC UV Goggles
- 1PC Luer Adapter
- 1PC 1/4 SEA HVAC&R Adapter for R22 -R134a-R404A-R507C, suitable for CFC,HCFC,HFC(except R410A) (Black O-ring)
- 1PC 5/16 SAE HVAC&R Adapter for R410A(Green O-ring)
- 1PC 1/4 Lock Adapter Connect with Quick Coupler
- 1PC Refrigeration Oil Installation Hose
- 1PC UV Lamp,wavelength 395nm,1.5V AAA Battery is not included;
- 1PC Push Rod
- 1PC Plastic Box

## ST ALBANS Leak Sealer Kit for A/C & R System

1 PC 30ML Syringe for system up to 4 tons or 500ml of compressor lubricant

- 1PC 30ml Leak Sealer Syringe
- 1PC Luer Adapter
- 1PC 1/4 SEA Adapter for R22 -R134a-R404A-R507C, suitable for CFC,HCFC,HFC(except R410A) (Black O-ring)
- 1PC 5/16 SAE Adapter for R410A(Green O-ring)
- 1PC 1/4 Lock Adapter Connect with Quick Coupler
- 1PC Refrigeration Oil Installation Hose
- 1PC Push Rod
- 1PC Plastic Box

Leak stop that permanently repairs leaks up to 0.3 mm on rubber and metal components of air conditioning and refrigeration systems, including those in vehicles. Highly safe formula: polymer-free, does not react with moisture and oxygen and does not clog air conditioning and refrigeration systems.



## ST ALBANS HVAC Leak Stop +U/V DYE Syringe -30ml

1 PC 30ML Syringe for system up to 4 tons or 500ml of compressor lubricant

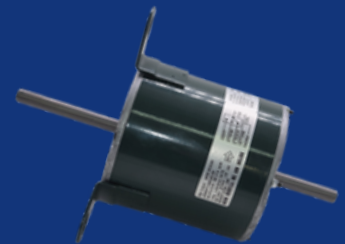
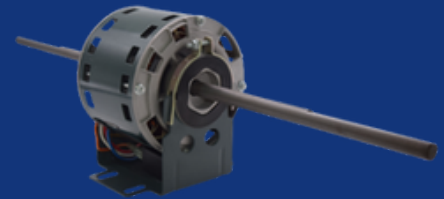


- 1PC 30ml HVAC Leak Stop +U/V DYE Syringe
- 1PC Luer Adapter
- 1PC 1/4 SEA Adapter for R22 -R134a-R404A-R507C, suitable for CFC,HCFC,HFC(except R410A) (Black O-ring)
- 1PC 5/16 SAE Adapter for R410A(Green O-ring)
- 1PC 1/4 Lock Adapter Connect with Quick Coupler
- 1PC Refrigeration Oil Installation Hose
- 1PC Push Rod
- 1PC Plastic Box



**Superior Quality**

**AC Fan Motor  
100% Copper**



all models motors are available in Dubai



any models can be created by customer's own request





R410A PRO 1Kg



R134A PRO 1Kg



R22 820g PRO



R22 1KG PRO



R134A QC H/L



MAPP GAS PRO



AS-3PRO TORCH



AS-341

## MODEL:STC-100A



- Manually switch between heating and cooling;
- Calibration temperature;
- Control the temperature by adjusting the temperature set value and difference;
- The refrigeration and heating start delay protection;
- Sensor error alarm;
- Limit the temperature setting range;



power supply

power supply	220VAC ±10%, 50/60Hz
temperature measurement range	-40°C~99°C
temperature control range	1°C
relay contact capacity	10A/220VAC
overall size	L77xW34.5xD62(mm)

- The controller is suitable for temperature control of medium and low temperature cold storage and heating equipment.
- With temperature measurement, display and control functions; temperature correction; temperature over-temperature and sensor failure alarm;
- One-key recovery of factory settings; a set of parameters can be preset and one-key recovery;
- Using touch keys, with key lock function.



## MODEL:EK-3010



power supply	220VAC ±10%, 50/60Hz
Temperature measurement range	-40°C~99°C
Temperature control range	-40°C~85°C
Relay contact capacity	10A/220VAC
Overall size	L77xW34.5xD82(mm)

## MODEL:TPM-10



- LCD display, one side to measure temperature, fashionable appearance, with small size;
- Suitable for aquarium and also suitable for lab, planting green house (black and white selectable)

power supply	two button battery (AG13.5V)
Temperature measurement range	-50°C~70°C
Accuracy	±1°C
Operating humidity	5%~80%
Display size	36*16.5mm



## MODEL:EK-3020



- This controller is suitable for temperature control of medium and low temperature cold storage;
- With temperature measurement, display and control functions. Calibration, forced defrost, over temperature. Alarm and sensor failure alarm, one key to restore the factory default value,
- parameter preset, one key to restore;
- Adopt touch key design, with key lock function;
- Single-channel sensor input: cabinet temperature sensor (Pb1). Dual control outputs: cooling and defrosting.



power supply	220VAC ±10%, 50/60Hz
Temperature measurement range	-40°C~99°C
Temperature control range	-40°C~85°C
Relay contact capacity	10A/220VAC
Overall size	L77xW34.5xD82(mm)

## MODEL:STC-9200



- Refrigeration, defrost and fan control modes;
- The user menu and the administrator menu can be set separately, which is convenient for users to operate, and leaves enough space for the adjustment of senior management;
- Differential control mode, the temperature display resolution is 0.1;
- Multiple protection and alarm modes are optional;
- CORYKEY function (optional).



power supply	220VAC ±10%, 50/60Hz
Temperature measurement range	-50°C~50°C
Accuracy	±1°C
Relay contact capacity	10A/220VAC
Overall size	L77xW34.5xD82(mm)



# 100% COPPER WIRE AXIAL FAN MOTOR







# 100% COPPER WIRE AXIAL FAN MOTOR





**C H I N A W A L L**  
S I N C E 1 9 9 6

**ASPELLA**<sup>®</sup>

**DJ** DONGYUE  
FEDERATION

**sunflow**<sup>®</sup>

**Mascotop**<sup>®</sup>

**GMCC**

**HUAYI**

**ST ALBANS**

**Thermotech**

**AHC**

**P & M**

**qunda**<sup>®</sup> Controller  
Expert

**VALUE**<sup>®</sup>  
VALUE Creates Value

**2024- 2025**



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