4.TROUBLESHOOTING AND WARRANTY

TROUBLESHOOTING

TROUBLES	REASONS	TROUBLESHOOTING
Leakage from sight glass	Sight glass is loosen or damaged	Tighten or replace a sight glass
Pointer don't work	Spring tube or gauge core damaged	Replace gauge
Leakage from valve hand wheels	Valve wheels seals damaged	Replace seals
Leakage from charging hoses connectors	Charging hose seals damaged	Replace seals
Charging hoses expand,blisters or burst	Charging hose corrosion or over pressure added	Replace charing hose
Leakage from low or high pressure connectors.	Seals damaged	Replace seals

WARRANTY

For Quality Reason, One Year Warranty Since Leave Manufacturer:

1.After tested by manufacturer quality inspection department and confirm there are defects in products.

2.Products without privatly maintaince or disassemble.

3.Using product correctly accoring to instruction manual.

all guarantee repair service should be done in warranty period.

DECLARATION: manufacturer don't burden any extra charges except product failure, including:lose of work time, refrigerant, polluted refrigerant and transportation,labor charges which haven't been approved.

PASSED

JINHUA WEIKE INDUSTRIAL & TRADING CO.,LTD QC 03

DATE: _____

JINHUA WEIKE INDUSTRIAL & TRADING CO.,LTD.

Add: No. 39 Jinling East Road, Lingxia Industry Zone, Jindong District, Jinhua, Zhejiang Province, China

Tel: 0579-82832878 82832879 82832988

Fax: 0579-82832886

QQ: 120286229

E-Mail: dasheng@cnzongheng.com

Http: //www.cnzongheng.com

INSTRUCTION MANUAL & QUALITY GUARANTEE

GLOBAL EXCELLENT SUPPLIER OF MANIFOLDS

CT-136G

CT-436G

CT-536G

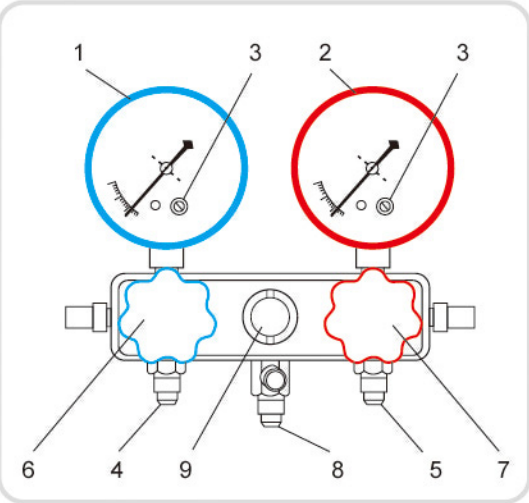
HIGH QUALITY MANIFOLDS

HIGH QUALITY MANIFOLDS

1.EXTERNAL VIEW & STRUCTURE

PARTS SKETCH:

1、Low side gauge(blue)
2、High side gauge(red)
3、Calibration screw
4、1/4" SAE standard low pressure port
5、1/4" SAE standard high pressure port
6、Low pressure valve(blue)
7、High pressure valve(red)
8、1/4" SAE standard vacuum or refrigerant port
9、Sight glass



2.PRODUCT FEATURE,APPLICATION AND SAFETY WARNING

PRODUCT FEATURE:

1. 1-6 glades high accuracy damping shock proof gauge
2. Calibration screw
3. Teflon Diaphragm valve
4. Anti-explosion safe sintering sight glass
5. 100% inspection

APPLICATION FIELD:

Used for refrigeration maintaince (refrigerants including CFC,HCFH,HFC etc),(such as R12/22/R134A/R404A/R410A etc) field of filling and evacuation work.
Applicatioin:to fill air-conditioner system and real-time system pressure display.
main parts:hook,low side gauge(blue),high side gauge(red),low pressure port,high pressure port,filling port,low & high pressure valve hand wheel(optional:tri-color high pressure hoses, low & high side quick couplers).

SAFETY WARNING

WARNING

To avoid personal injury,
please read carefully and follow this operation manual.

◎ Please wear safety glasses and gloves when using refrigerants.
◎ To prevent personal injury of refrigerants,Do NOT contact refrigerants directly .
◎ To prevent manifolds or charing hoses damage and refrigerants leakage, DO NOT contact manifolds to high temperature parts of machines .
◎ To avoid accidents,DO NOT aim sight glass to people.

3.OPERATION GUIDE

OPERATION MANUAL

Before connect to system,please check if pressure gauge pointer is in ZERO position. if NOT, open gauge cover to calibrate (3) pointer to ZERO position.

① CONNECT TO SYSTEM

· Close low(6) & high(7) pressure valves fisrt
· Connect port (4) to blue hose (low pressure quick coupler) and then connect to low pressure port of system and lock tightly.

② EVACUATION (NOTE:this operation must be done when syetem is in ordinary atmosphere pressure.IF NOT, you must release system pressure fisrt.

· After operation above, turn on vacuum pump;
· Open low pressure valve(blue)(6),high pressure valve(red)(7), and then open low & high pressure quick couplers. system now start evacuation.
· After 10～30 mins,check system pressure if it's vaccum.if not, check if any leakage and repair it. then repeat evacuation.
· Close low(6) & high (7) pressure valves together, then turn off vacuum pump.

③ REFRERANT FILLING TO SYSTEM

· Disconnect yellow hose from vacuum pump, then connect yellow hose to refrigerant cylinder. open cylinder valve (place cylinder in positive position). open valve core in manifold to evacuate air in yellow hose.
· Place cylinder in negative position (up side down), open low pressure valve (6), high pressure valve (7), now refrigerant is being filled to system.
· When requested refrigerant is filled (accoring to quantity which system manufacturer requested),close high pressure valve(7) and low pressure valve(6), then place cylinder in positve position.
· Start system for try (approx 5～10 mins), verify system pressure and temperature.
· If filled refrigerant is not enough, place cylinder in positive position, open low pressure valve (6) slowly (now it's forbiden to open high pressure valve(7)),filling appropriate quantity of refrigerant.
· If refrigerant had been filled too much, close cylinder, open high pressure valve (7) slowly,release refrigerant from manifold valve core(be careful of spay refrigerant injury), then close high pressre valve (7), recheck system pressure and temperature. repeat this step until system pressre reach ordinary atmosphere pressure.
· After system running normally, close cylinder and valves (6) (7), disconnect quick couplers (low & high) from system (be careful of high temperature scald).

④ USE & MAINTAINCE

· For high(7) & low(6) pressure valves testing, to avoid damage of gauges, choose wrong gauge is prohibited.
· Using refrigerants which are not compatible with the manifolds is prohibited.
· Don't use too much effort to close low(6) or high(7) pressre valves.
· After using, open valves. safekeeping and avoid shocking or droping.
· Read this INSTRUCTION MANUAL carefully before using or operate under instruction of specialised persons.