



HVAC/R Equipment and Tool Catalog



Equipment for Professionals

GOSS INC. • 1511 Route 8 • Glenshaw, PA 15116-2301 • USA

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GOSS REFRIGERANT RECOVERY EQUIPMENT

DIGITAL DISPLAY REFRIGERANT RECOVERY MACHINE

COMPATIBLE



A2L

GS-900RM

Digital Display

Single Knob selector with Purge Function

Oil-less
Twin cylinder
Forced air cooling

Brushless DC Motor



LIGHT WEIGHT FAST RECOVERY

Brushless DC Motor

Safe, Sparkless Design
Light Weight, Easy to Carry

Digital Display

Easy and accurate reading of pressure values
Backlit for low ambient situations

Twin Cylinder Design

Quick Recovery
Smaller footprint

Integrated Pressure Sensor

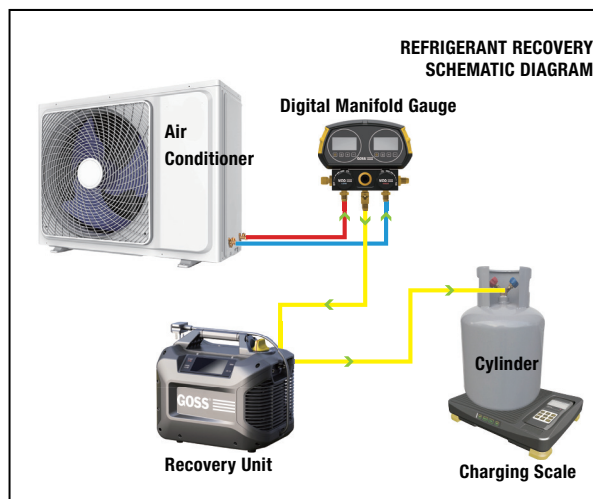
Direct and precise reading of suction and discharge pressure
High pressure protection (@ 558 PSI)

Oil-less Compressor

Suitable for R-32 and other refrigerants
For use with most CFC, HCFC, HFC, HFO refrigerants.
Including A2L. Not suitable for A3 refrigerants.

Purge

Prevent Mixing of Different Refrigerants
Easy One-Knob Operation



ITEM NO.	GS-900RM		
COMPATIBLE REFRIGERANTS	III SERIES: R12, R134A, R401C, R406A, R500, 1234YF IV SERIES: R22, R401A, R401B, R402B, R407C, R407D, R408A, R409A, R411A, R411B, R412A, R502, R509 V SERIES: R402A, R404A, R407A, R407B, R410A, R507, R32		
CYLINDER	2 Cylinder		
VOLTAGE	110V 60Hz		
MOTOR	1HP(750W)		
SPEED OF REVOLUTION	2500 RPM		
AMPS	12A		
COMPRESSOR	OIL LESS, FORCED AIR COOLING, PISTON TYPE		
HIGH PRESSURE PROTECTION	558PSI(38.5BAR)		
OPERATING TEMPERATURE	32~104°F		
DIMENSIONS	14.8X9.8X12.6 inch		
NET WEIGHT	22 LBS		
PERFORMANCE	R134a	R22	R410a
LIQUID	5.29 LB/min	5.95 LB/min	7.72 LB/min
PUSH-PULL MODE	16.53 LB/min	18.74 LB/min	20.94 LB/min

VACUUM PUMPS


GS-3VP

GS-5VP

GS-10VP

GS-18VP


- ★ Sparkless DC motor suitable for most refrigerants
- ★ Dual Stage Reliability

- ★ Lightweight and versatile design
- ★ Built in vacuum indicator on some models

ITEM NO.	GS-3VP	GS-5VP	GS-10VP	GS-18VP
POWER	110V 60Hz	110V 60Hz	110V 60Hz	110V 60Hz
FLOW RATE	3.0 CFM	5.3 CFM	10.2 CFM	18 CFM
# OF STAGES	Dual Stage	Dual Stage	Dual Stage	Dual Stage
POWER	1/4 HP	1/4 HP	1 HP	1 HP
ULTIMATE VAC.	15 Microns	15 Microns	15 Microns	15 Microns
INLET PORT	1/4" SAE fittings	1/4" & 3/8" SAE fittings	1/4" & 3/8" SAE fittings	1/4" 5/16" & 3/8" SAE fittings
OIL CAPACITY	8.13 oz	24.4 oz	21.1 oz	38.7 oz
DIMENSION	8.5x4.1x7.9 inch	11.4x5x10.9 inch	13.7x5.5x 13.1 inch	16x6.3x13.1 inch
WEIGHT	7.7 LBS	11.7 LBS	24.3 LBS	31.3 LBS

GOSS WIRELESS CHARGING SCALE

WIRELESS CHARGING SCALE

GS-RF100



Aluminum Alloy Platform

Max weight: 220 lbs
Easy to Carry

Wireless Operation

No dangling wires to
affect readings

Reliable Load Cell

Accuracy 0.05% of Reading
Resolution ± 0.16 OZ

Large Display

Easy to read
Backlight for low ambient light situations

TECHNICAL PARAMETER

WEIGHT RANGE	Max weight: 220 lbs
RESOLUTION	0.01 LBS、0.16 oz
ACCURACY	$\pm 0.05\%$
POWER SUPPLY	PLATFORM POWER: 1.5V $\times$ 6 (AA) INCLUDED CONTROLLER POWER: 1.5V $\times$ 5 (AAA) INCLUDED
BATTERY LIFE	50 HOURS CONTINUOUS USE
OPERATING TEMPERATURE	14°F~113°F
NET WEIGHT	9.1 LBS
DIMENSION SIZE	12.4 L x 9.4 W x 2.4 H inch



Comes in custom molded carry case
for protection and storage.

VACUUM METER/MICRON GAUGE



Vacuum meter/Micron gauge GS-VG90

- ★ Measuring range: 740,000 ~ 0.75 micron
- ★ Target vacuum alarm function.
- ★ One key calibration.
- ★ Portable design, battery power supply, power display, automatic shutdown (10 minutes)
- ★ Includes adaptor fitting

TECHNICAL PARAMETER

RANGE	740,000~0.75micron, 99,999pa~0.1pa
ACCURACY	0.75~7,500micron, 0.1pa~1,000pa;reading±5%(At 68°F)
RESOLUTION	0.75 micron(<75 micron); 7.5 micron(<750 micron); 75 micron(<7,500 micron)
UNIT	Pa,mbar,mmhg,mtorr,inhg,microns
BATTERY LIFE	40 Hours(3×AA Battery) included
MAXIMUM OVERLOAD PRESSURE	72 psi
OPERATING TEMPERATURE	-23~122°F
BUZZER ALARM	90db, Shut down after 10 seconds

GOSS REFRIGERANT GAS LEAK DETECTOR

REFRIGERANT GAS LEAK DETECTOR

- ★ Long life, low power, stable sensor
- ★ Automatic calibration to ambient
- ★ 2 adjustable sensitivity levels
- ★ Micron pump draws in gas sample
- ★ Low battery indicator
- ★ Uses 4 AA alkaline batteries
- ★ Comfortable, non-slip, rubberized grip
- ★ Hi Impact ABS Housing
- ★ Rugged carrying case included
- ★ Simple to use and finds leaks fast

Power Supply	4 AA Alkaline Batteries
Response Time	Instantaneous
Sensitivity	.05 oz/yr R-410 ^a , 0.025 oz/yr R-1234yf
Sensor Life	> 5 years (normal use)
Sensitivity Adj.	2 levels; Low and High
Battery Life	20 hours continuous
Warm up time	< 20 seconds
Probe length	16 inches
Weight	1.5 lbs.
Warranty	2 Years Limited

LD-300-G



ELECTRONIC SIGHTGLASS REFRIGERANT BUBBLE DETECTOR

ES-300-G



- ★ Optimizes refrigerant charge for max. cooling
- ★ Isolates defective AC components
- ★ Aids in adjusting TXV valves
- ★ Isolates clogged accumulator/receiver dryer
- ★ Eliminates the need for an optical sight glass
- ★ Operates on any metal tubing
- ★ Includes a rugged carrying case
- ★ Four foot Transducer Sensor cables

SIGHTGLASS 000000 BUBBLE RATE HIGH SYS LOW OR DEF COMPONENT	SIGHTGLASS 00 00 BUBBLE RATE LOW SYS PARTIAL FULL OR DEF COMPONENT	SIGHTGLASS NO BUBBLES DETECTED SYS FULL
REFRIGERANT STATE	REFRIGERANT STATE	REFRIGERANT STATE

Operating Temp Range	32°F to 125°F
Power Supply	4 AA Alkaline Batteries
Response Time	Instantaneous
Tubing Diameter Range	1/8" to 1.25"
Battery Life (continuous)	Approx. 15 hours
Product Size (inches)	2.12 x 7.00 x 9.5
Weight	1.6 lbs.
Display	1.8" Color Graphic LCD
Warranty	2 years limited

DIGITAL SINGLE VALVE MANIFOLD



GS-B168DH

- ★ Collapsible Hook
- ★ Ball Valve Design
- ★ Gauge Protector
- ★ Programmed with over 90 types of refrigerants
- ★ Battery included

	ITEM NO.	DESCRIPTION
	GS-B168DH (HIGH PRESSURE)	More than 90 refrigerants data including R22、R32、R600、R1234YF、R410A、R134A built in.
	GS-B168DL (LOW PRESSURE)	

ANALOG SINGLE VALVE MANIFOLD



GS-B168H

- ★ Collapsible Hook
- ★ Ball Valve Design
- ★ Shock resistant

	ITEM NO.	DESCRIPTION
	GS-B168H (HIGH PRESSURE)	R22、R404A、R410A、R407C
	GS-B168L (LOW PRESSURE)	

2-VALVE DIGITAL MANIFOLD

- ★ Collapsible Hook
- ★ Ball Valve Design
- ★ Shock Resistant
- ★ Built-in More Than 90 Refrigerants



GS-268D

	ITEM NO.	DESCRIPTION
	GS-B268D Include: GS-268D GS-360RYB-C GS-78	★ Built-in 90 refrigerants and corresponding temperatures sheet data according to the US NIST standard ★ Three modes:refrigerant pressure mode,vacuum percentage mode, leak detection mode ★ Real-time vacuum pressure test and percentage indication. ★ Pressure units: PSI, KPa, Bar, InHg, KgF/cm² ★ Temperature units: °F, °C ★ Test range: 0PSI~870PSI ★ Resolution: 0.15PSI ★ Accuracy: ±0.5% ★ Overload: 1450 PSI ★ Operating temp: 4°F-140°F ★ Auto power off function: 10min(Power ON/OFF switchable, Default: Power ON) ★ Battery included
	GS-268D	A sight glass brass/ aluminum body. 1/4" connections.
	GS-360RYB-C	Hose set 60" , yellow,red, blue 1/4". Working pressure 800psi burst 4000psi.
	GS-78	Adapter 410A: 5/16" F x 1/4"M (2x)

2-VALVE ANALOG MANIFOLD

- ★ Collapsible Hook
- ★ Ball Valve Design
- ★ Gauge Protector
- ★ Shock Resistant



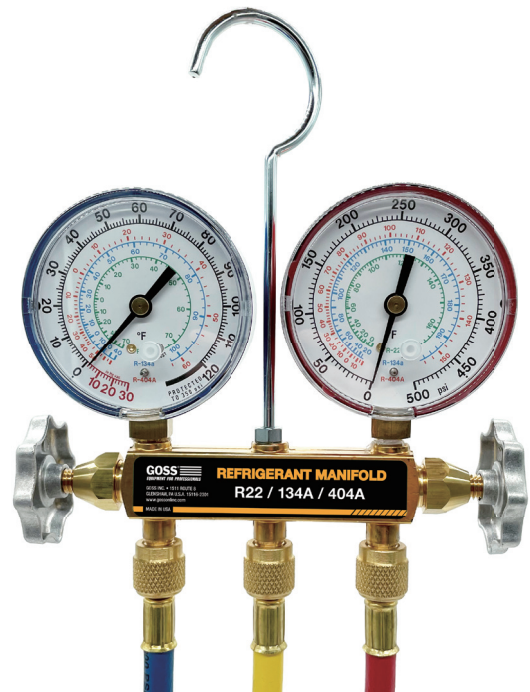
GS-268M

	ITEM NO	DESCRIPTION
	GS-B268M	Gauge : R22 R404A R407C R410A Designed to meet 1/4" SAE
	GS-268M	Aluminum body with sight glass.
	GS-360RYB-C	Hose set 60" , yellow,red, blue 1/4". Working pressure 800psi burst 4000psi.
	GS-78	Adapter 410A: 5/16" F x 1/4"M (2x)

- ★ All assemblies and components are made in the USA
- ★ Forged brass body with metal valve handles
- ★ Heavy-duty swivel hook
- ★ Vibration free gauges for minimal needle movement
- ★ Easy access to calibrate gauges



ITEM NO.	DESCRIPTION
R3M4G	REFRIGERANT TYPE R22, R404A, R410A
R3M2G	REFRIGERANT TYPE R134A, R404A, R22
RM8G	REFRIGERANT TYPE R32, R454B



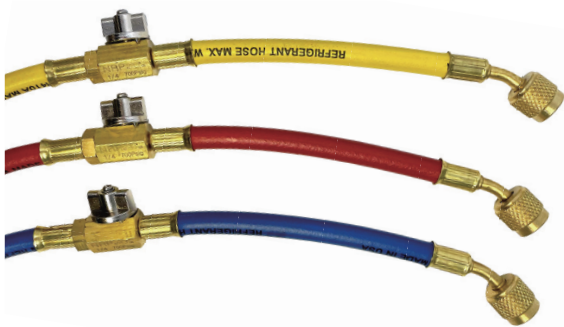
1/4" HOSE OPTIONS

Standard Fittings:

ITEM NO.	DESCRIPTION
G60RBY	60" Length 3 PACK Red, Blue, Yellow
G72RBY	72" Length 3 PACK Red, Blue, Yellow
G60Y	60" Length Single Yellow
G72Y	72" Length Single Yellow



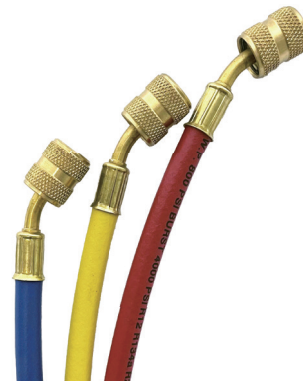
Ball Valve Fittings:



ITEM NO.	DESCRIPTION
GBV60RBY	60" Length 3 PACK Red, Blue, Yellow

Anti-blowback Fittings:

ITEM NO.	DESCRIPTION
GAB48RBY	48" Length 3 Pack Red, Blue, Yellow
GAB60RBY	60" Length 3 Pack Red, Blue, Yellow
GAB72RBY	72" Length 3 Pack Red, Blue, Yellow
GAB60Y	60" Length Single Yellow
GAB72Y	72" Length Single Yellow





FEATURES: ALL HOSES

- ★ All assemblies and components are made in the USA
- ★ Rated 800 PSI maximum working pressure / 4000 psi minimum burst pressure
- ★ Nylon, veneer-lined hose for low permeation applications meeting EPA requirements
- ★ Double-barrier design of black, polychloroprene rubber with braided aramid yarn for additional permeation protection and strength
- ★ Quality brass fittings to ensure longer hose life and safety
- ★ Approved for the following refrigerants: R12, R22, R134a, R410A, R414A, R500, R502, FR1GC-FR12, R11, R113, R114, R123, R401A, R401B, R402A, R402B, R404A, R407A, R407B, R407C, R408A, R409A, R507, R32, R454B

ANTI-BLOW BACK HOSES:

- ★ Low-loss fittings that immediately trap refrigerant eliminating venting and finger burns
- ★ Super-neoprene gaskets have longer-life with slower deterioration
- ★ Knurled nut designed for better grab for tightening in harder to reach places

BALL VALVE HOSES:

- ★ Full flow, in-line ball valve
- ★ 8" length of hose between ball valve and fitting for easy accessibility

Construction:

Tube Tie Gum: Black polychloroprene rubber

Braid: Braided (1) aramid yarn

WEIGHT: 6.9 lbs per 100 ft of hose

Tube Veneer: Nylon

TEMPERATURE: -22°F to +203°F

Cover: Nitrile/PVC rubber, RMA Class B (medium oil resistance), ozone resistant.

Dimensions and Pressure Ratings

ID inch	OD Inch	WP PSI	Burst PSI
0.226+/-0.015	0.450+/-0.020	800	4000

Meets Industry Standards: UL1963, SAE 2196, SAE J2888

CROSSBAR TUBE BENDER SET

PATENTED



GS-R999

Set includes:

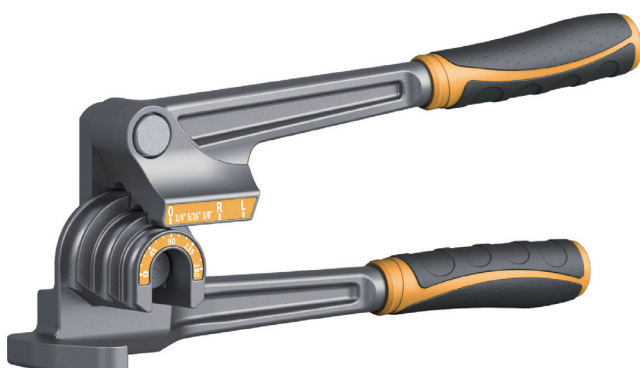
- ★ Custom blow molded case for secure transport.
- ★ Deburring Tool
- ★ 7 different standard size attachments

1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"



	ITEM NO.	DESCRIPTION		ITEM NO.	DESCRIPTION
	GS-999	bending - universal crossbar		GS-N999-01	1/4"
				GS-N999-02	5/16"
				GS-N999-03	3/8"
				GS-N999-04	1/2"
	GS-207	DEBURRER		GS-N999-05	5/8"
				GS-N999-06	3/4"
				GS-N999-07	7/8"

THREE-IN-ONE TUBE BENDER



GS-N368-180

For 1/4", 5/16" & 3/8" O.D. Tubing

- ★ Aluminum alloy body
- ★ Open size-slips on tubing at any point
- ★ Bends 0.02" wall thickness tube without distortion
- ★ Calibrated markings for more accurate bends
- ★ Bends a full 180 degrees

HYDRAULIC TUBE EXPANDER KIT



GS-300A

Expands with ease and precision.
One hand pump action tool.
Lightweight durable aluminum alloy
body with hydraulic handle.

3/8", 1/2", 5/8",
3/4", 7/8", 1", 1-1/8"

(included in kit)

GS-532
For 3/16" to 1-1/4"

GS-300
ALUMINUM ALLOY BODY

GS-207
DEBURRER



GS-300
Replacement parts below



GS-N300A-01 (3/8")
GS-N300A-02 (1/2")
GS-N300A-03 (5/8")
GS-N300A-04 (3/4")
GS-N300A-05 (7/8")
GS-N300A-06 (1")
GS-N300A-07 (1-1/8")

Lever Type Tube Expander Kit



GS-100A

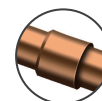
For use with soft copper
and aluminium
Lightweight, easy to use,
aluminium alloy tool

(included in kit)

GS-100
ALUMINUM ALLOY BODY

GS-532
For 3/16" to 1-1/4"

GS-207
DEBURRER



GS-100

GS-N100A-01 (3/8")
GS-N100A-02 (1/2")
GS-N100A-03 (5/8")
GS-N100A-04 (3/4")
GS-N100A-05 (7/8")
GS-N100A-06 (1")
GS-N100A-07 (1-1/8")

7 IN 1 MANUAL EXPANDER

1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"



GS-622

MULTI-DRIVE FLARING SET

GS-519FT

- ★ Smooth and precise flaring every time
- ★ Quick clamp system
- ★ Set includes: Everything listed below

	ITEM NO	DESCRIPTION		ITEM NO	DESCRIPTION
	GS-519FT	HIGH STRENGTH FORGED ALUMINUM, STRONG AND DURABLE MANUAL & POWER FLARING, EASY AND EFFICIENT CLAMP, MAKES ACCURATE FLARES LIGHTWEIGHT DESIGN, CONVENIENT TO USE		GS-N519-01	1/4"
				GS-N519-02	3/8"
				GS-N519-03	1/2"
				GS-N519-04	5/8"
	GS-519	MANUAL & POWER FLARING, EASY AND EFFICIENT		GS-N519-05	3/4"
				GS-207	DEBURRER



MANUAL DRIVE FLARING TOOL



GS-806A

- ★ Cone type Orbiting driver for evenly flared walls
- ★ Limit plate so you "never over flare"
- ★ Forged high strength aluminum alloy yoke
- ★ Precision flaring every time

DESCRIPTION

For Inch: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

GOSS® ROLLER TYPE TUBE CUTTERS

SMART SPRING TUBE CUTTER

GS-532S



Spring loaded design applies even pressure on the tube for smoother rotation and cut. Forgives flattening of tubing.

ITEM NO.	DESCRIPTION
GS-532S	★ Spring loaded design, quick and smooth feeding of cutting wheel ★ Roller bearing design ★ For use with copper, aluminum, soft steel and plastic tubes Cutting Range: 3/16" through 1-1/4" OD tubes

COMPACT TUBE CUTTERS

- ★ Wide mouth compact cutter with multiple rollers for flare cutting.
 - ★ Easy to adjust knob for adding tension
- For use on copper and aluminum tubes.

ITEM NO.	DESCRIPTION
GS-428	FOR 3/16" TO 1-1/8"



GS-428

TUBE REPAIR PLIERS

Quick and easy repair of flattened tubes
Fits 1/4" – 3/8" – 1/2" and 5/8" OD tubes



GS-301

★ For rounding out of bent or kinked copper/aluminum tubing

PINCH OFF PLIER

 Durable

 Ultra-high Hardness

 Forged

 Anti Skid Grip

 High-quality Steel

 Large Torsion



GS-201B



Strong Pipe Sealing

ITEM NO.	DESCRIPTION	SCOPE OF APPLICATION	LENGTH	WEIGHT
GS-201B	13.12 inch	1/8"-3/8"	11.34 inch	1.1 LB

INNER-OUTER REAMER

Aluminum Body
1/4"~1-5/8" O.D.Tubing.
For deburring and reaming
of copper tubing.



GS-209

DEBURRER

Easy to use. Swivel tip
with engineered grip.
Extra tip storage in body



GS-207

RATCHET TORQUE WRENCHES

- ★ Slim design for use in narrow space
- ★ Fixed value torque design
- ★ Audible signal-"clicks" when reaching set torque



GS-02-L



SERIAL NO	APPLICABLE COPPER PIPE	TORSION	LENGTH	WEIGHT
1	1/4"	13.3Ft-Lbs.(±1.5Ft-Lbs.)	8.54 inch	0.7 LB
2	3/8"	28.0Ft-Lbs.(±3.0Ft-Lbs.)	9.92 inch	0.9 LB
3	1/2"	40.6Ft-Lbs.(±4.5Ft-Lbs.)	10.35 inch	1 LB
4	5/8"	55.3Ft-Lbs.(±5.2Ft-Lbs.)	11.57 inch	1 LB

Note: always compare to manufacturers specs when using

SWAGING PIN SET

GS-E900S-Set



For use in electric or battery operated drills

ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
GS-E900S-04	Use for 1/4" Tubing	GS-E900S-10	Use for 5/8" Tubing
GS-E900S-06	Use for 3/8" Tubing	GS-E900S-12	Use for 3/4" Tubing
GS-E900S-08	Use for 1/2" Tubing	GS-E900S-14	Use for 7/8" Tubing

FLARING PIN SET

GS-E900F-Set



For use in electric or battery operated drills

ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
GS-E900F-04	Use for 1/4" Tubing	GS-E900F-10	Use for 5/8" Tubing
GS-E900F-06	Use for 3/8" Tubing	GS-E900F-12	Use for 3/4" Tubing
GS-E900F-08	Use for 1/2" Tubing		

Take a look at our other offerings :

SOLDERING - BRAZING - WELDING - HEATING



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