



About Us

ZENGO was established in 2012 to supply Ventilation, Refrigeration, Air Conditioning equipment and spare parts. Within less than a decade, ZENGO has become a global company, serving customers in more than 60 countries.

We are very proud to be among China's TOP 3 exporters in Ventilation, and HVAC industry's 5 STAR Seller and on Alibaba.

Our Ventilation brand **Airandus** and AC/R brand **ComforPlanet** are widely recognized by our valued customers all around the world.

ZENGO owns series of production lines, moulds and patents, provides complete HVAC/R range and professional one-stop solution. Most products are approved by CE, RoHS, and UL. We keep innovating and improving the technology to ensure each product meets industry's top standard and exceed consumer's expectation.

Contact us and be our partner, let's cooperate and create a brighter future!

Our Vision

Leading to innovate and improve equipments and spare parts for HVAC/R industry.

Our Mission

Let everyone on the planet breathe fresh and comfortable indoor air.

Our Values

Integrity, Happy, Progressive, Efficient, Excellence.

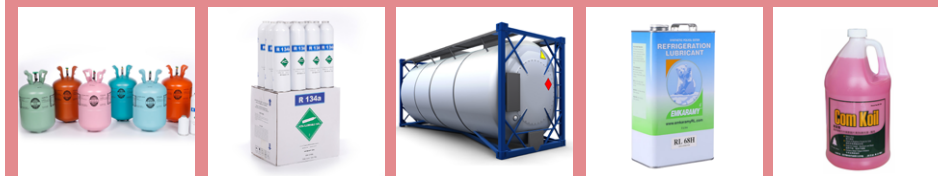
ComforPlanet
Cooling, Heating, Life

ZENGO International Ltd.

D4-109 Liangzhu Cultural Town, Haishu District, 315175 Ningbo, CHINA
 +86 574 8907 9909 +86 574 8907 9905
 sales@zengo.com.cn yaufon@zengo.com.cn
 www.airandus.com www.zengo.com.cn
 www.zengo.en.alibaba.com
 yaufon +86 137 7712 6235
 Find Us On:



Refrigeration Chemicals 02



Copper Tube 06



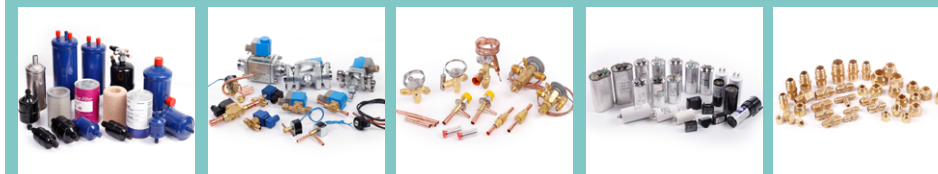
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Heat Exchanger, Condensing Unit, Condenser, Evaporator 22



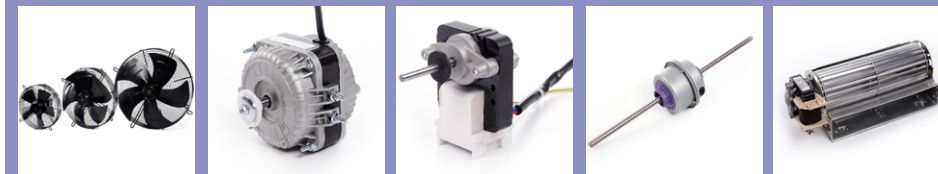
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Refrigeration
Chemicals

Refrigerant Gas



Refrigerant Gas



Refrigeration Oil



Cleaner



Refrigerant Gas

ComforPlanet provides Refrigerant Gas with top quality. Wide range and timely delivery are our advantages.

Item	Regular Packaging	ODP	GWP	Molecular Weight	Boiling Point °C	Critical Temperature °C	Critical Pressure Mpa	Purity %	Moisture Ppm	Acidity MMp	Vapor Residue Ppm%
R-22	30lb/13.6kg	0.034	1700	86.47	-40.8	96.2	4.99	≥99.9	≤10	≤1	≤100
R-134A	30lb/13.6kg	0	1200	102.03	-26.1	101.1	4.05	≥99.9	≤10	≤1	≤100
R-404A	24lb/10.9kg	0	3800	97.6	-45.6	72.1	3.74	≥99.9	≤10	≤1	≤100
R-407C	25lb/11.3kg	0	1700	86.2	-43.8	87.3	4.63	≥99.9	≤10	≤1	≤100
R-410A	25lb/11.3kg	0	2000	72.58	-51.6	72.5	4.95	≥99.9	≤10	≤1	≤100
R-507	25lb/11.3kg	0	3900	98.86	-47.1	70.9	3.79	≥99.9	≤10	≤1	≤100
R-600A	11lb/5.0kg	0	3	58.12	-11.7	134.71	3.64	≥99.9	≤10	≤1	≤100
R-125	ISO Tank	0	3400	120.2	-48.1	66.2	3.63	≥99.9	≤10	≤1	≤100
R-141B	250kg	0.11	0.09	116.95	32.05	204.15	4.25	≥99.9	≤30	≤1	≤100
R-142B	30lb/13.6kg	0.043	2400	100.5	-9.8	136.45	4.15	≥99.9	≤10	≤1	≤100
R-152A	ISO Tank	0	120	66.05	-24	113.3	4.52	≥99.9	≤10	≤1	≤100
R-290	11lb/5.0kg	0	0.01	44.1	-42.07	96.67	4.24	≥99.9	≤20	≤1	≤100
R-32	ISO Tank	0	550	52.02	-51.7	78.25	5.81	≥99.9	≤10	≤1	≤100
R-406A	30lb/13.6kg	0.038	2060	89.86	-32.7	116.5	4.88	≥99.9	≤10	≤1	≤100
R-415B	30lb/13.6kg	0.009	530	70.2	-26.72	124	4.768	≥99.9	≤10	≤1	≤100
R-417A	25lb/11.3kg	0	-	106.75	-41.8	89.9	4.10	≥99.9	≤10	≤1	≤100
R-23	30lb/13.6kg	0	12000	70.01	-82.1	25.9	4.84	≥99.8	≤10	≤1	≤100
R-123	220.6lb/100kg	0.012	120	152.93	27.8	183.7	3.66	≥99.8	≤10	≤1	≤100
R-124	88.23lb/40kg	0.026	620	136.48	-11.96	122.3	3.62	≥99.8	≤10	≤1	≤100
R-227EA	27.2lb/60kg	0	3500	170	-16.4	101.7	2.93	≥99.8	≤10	≤1	≤100
R-408A	24lb/10.9kg	0.016	3000	87.01	-45.5	83.3	4.42	≥99.8	≤10	≤1	≤100

Refrigeration
Chemicals

Copper Tube

ACR Compressor

Heat Exchanger,
Condensing Unit,
Condenser, Evaporator

Refrigeration and Air
Conditioning Parts

ACR Service and
Maintenance Products

Fan and Motor

Air Curtain,
Air Conditioner,
Cold Storage

Packing&Accessories

Packing method		Pictures	Capacity	Qty / 20' FCL	Filling Medium
Refrigerant Cans	Two Slices Cans		300G	42000 Cans	R22 / 134A / 404A / 407C / 410A / 507 etc.
			340G	39600 Cans	
			500G	31200 Cans	
			1000G	16200 Cans	
	Three Slices Cans		300G	42000 Cans	R134a
Disposable Cylinders			7.5L	3100 cylinders	R22 / 134A / 404A / 407C / 410A / 507 etc.
			15L	1900 cylinders	
			30L	1150 cylinders	
			50L	650 cylinders	
Refillable Cylinders			12.3L	970	R22 / 134A / 404A / 407C / 410A / 507
			14.3L	860	
			50L	324	
			60L	240	
Ton Tank			100L	138	R22 / 134A / 404A / 407C / 410A / 507 etc.
			926L	14	R22 / 134A / 404A / 407C / 410A / 507 etc.
Iso-Tank			16-22TONS	1	R22 / 134A / 404A / 407C / 410A / 507 etc.

Foaming Agent

Item	Regular Packing	ODP	GWP	Molecular Weight	Boiling Point °C	Critical Temperature °C	Critical Pressure Mpa	Purity %	Moisture Ppm	Acidity MMp	Vapor Residue Ppm%	Qty/20' FCL
HCFC-141b	200L/250kg	0.01	630	116.95	32.05	204.5	4.34	≥99.5	≤10	≤1	≤100	80
HFC-152a	400L	0	120	66.5	-24	113.3	4.52	≥99.9	≤10	≤1	≤100	
	926L	0	120	66.5	-24	113.3	4.52	≥99.9	≤10	≤1	≤100	

Refrigeration Oil



Synthetic Oil POE Series

Applications

- It is advanced synthetic oil which plays optimal performance in the refrigeration system of refrigerator, freezer and so on.
- It's suitable to work with HFC refrigerants (R134a, R404a, R407c and R410a, R507, R23, R508A, R508B)

Characteristics

- It's based on the ester synthetic oil(POE), and has good compatibility with refrigerant R134a and R404a.
- It's has superior lubricity, chemical stability, moisture decomposition stability and low temperature fluidity, thus it could keep the refrigeration system stable for a long time.

Typical technical data

Item	Test way	RL 32H	RL 46H	RL 68H	RL 100H	RL 170H	RL 220H
Viscosity at 40°C cSt	D445	32.5	45.3	65.5	98.8	170	222
Viscosity at 100°C cSt	D445	5.8	7.1	9.3	12.7	17	19.5
Pour Point °C	D97	-46	-46	-39	-36	-25	-22
Density at 20°C	D1298	0.977	0.977	0.98	0.974	0.968	0.976
Flash Point °C	E92	258	260	270	270	290	280
Water Content ppm	E1064-85	<40	<40	<40	<40	<40	<40
Acid Value mg KOH/g	*	0.02	0.02	0.02	0.02	<0.04	0.02
Colour Hazen	D1209	60	70	70	125	250	100

Mineral Oil GS Series

Applications

- It plays optimum performance in the refrigeration system of the air-conditioner, refrigerator, freezer etc. And it is the first premium refrigeration lubricant oil in the world.
- It is suitable to work with HCFC refrigerant (R22, R502), natural refrigerant (R600.R717.R290) and CFC refrigerant (R12)... etc.
- It is available for various type of compressor, such as reciprocating, rotary, scroll, screw, centrifugal etc.

Characteristics

- It is refined from the selected naphthene based on crude oil through special processing and has superior lubricity, chemical stability. Low temperature properties and excellent compatibility of medium and so on, thus it could keep the refrigeration system stable for a long time.

Typical technical data

Item	Test way	1GS	2GS	3GS	4GS	5GS
Density 15°C g/cm2	ASTM D 1250	0.894	0.902	0.909	0.915	0.921
Color ASTM	ASTM D 1500	L0.5	L0.5	L0.5	L1.0	L1.0
Viscidty40°C mm2/s	ASTM D 445	12.3	18.9	29.5	54.9	94.6
Viscidty 100°C mm2/s	ASTM D 445	2.7	3.44	4.31	5.97	7.78
Flash point COC °C	ASTM D 92	160	168	178	188	208
Pour point °C	ASTM D 97	-47.5	-45	-40	-35	-27.5
Total Acid Number mgKOH/g	ASTM D 974	0.01	0.01	0.01	0.01	0.01
Aniline point °C	ASTM D 611	72.8	73.5	75.4	79.8	80.4
Moisture ppm	ASTM D 4928	20	20	20	20	20
Floc point °C	ANSI/ASHRAE 86	-54	-53	-53	-46	-35

Cleaner



Pan Pills



Coil King



Com Koil



Sprayer



Pressure Sprayer