



ATEE & CO.

PRODUCT PROFILE

www.ateeandco.com

One of the leading quota
holder of refrigerant 22 in
Pakistan



A T E E & C O .

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A T E E & C O .

About Company

- Founded with a vision to lead the refrigerant market in Pakistan.
- Atee & Co. offers a diverse array of products.
- Strong presence across Pakistan with branches in Karachi, as well as a strategically located warehouse and decanting station to serve clients more efficiently.

Our Mission

To lead the HVACR industry by providing high-quality, reliable products and innovative solutions, ensuring customer satisfaction and sustainable growth. To provide customer-focused solutions with excellence, integrity, and efficiency at the core of every service we offer.



A T E E & C O .

Vision

To be the leading provider of refrigerants and HVACR components globally, embracing innovation, sustainability, and customer-centric growth for a better tomorrow.

Our Goals

Ensure 100% customer satisfaction through consistent quality and reliability in services.



A T E E & C O .

01

Continuously improve processes and adopt innovative technologies to enhance service delivery.

02

Establish and maintain a leading position in the industry by offering superior products and services.

03

Uphold the highest quality standards to ensure safety, reliability, and customer confidence in all offerings.



Our Milestones

1985

- Founded with a vision to lead the refrigerant and HVACR market in Pakistan.

1990s

- Established ourselves as pioneers in the bulk supply of CFCs and HVACR components, earning

2015

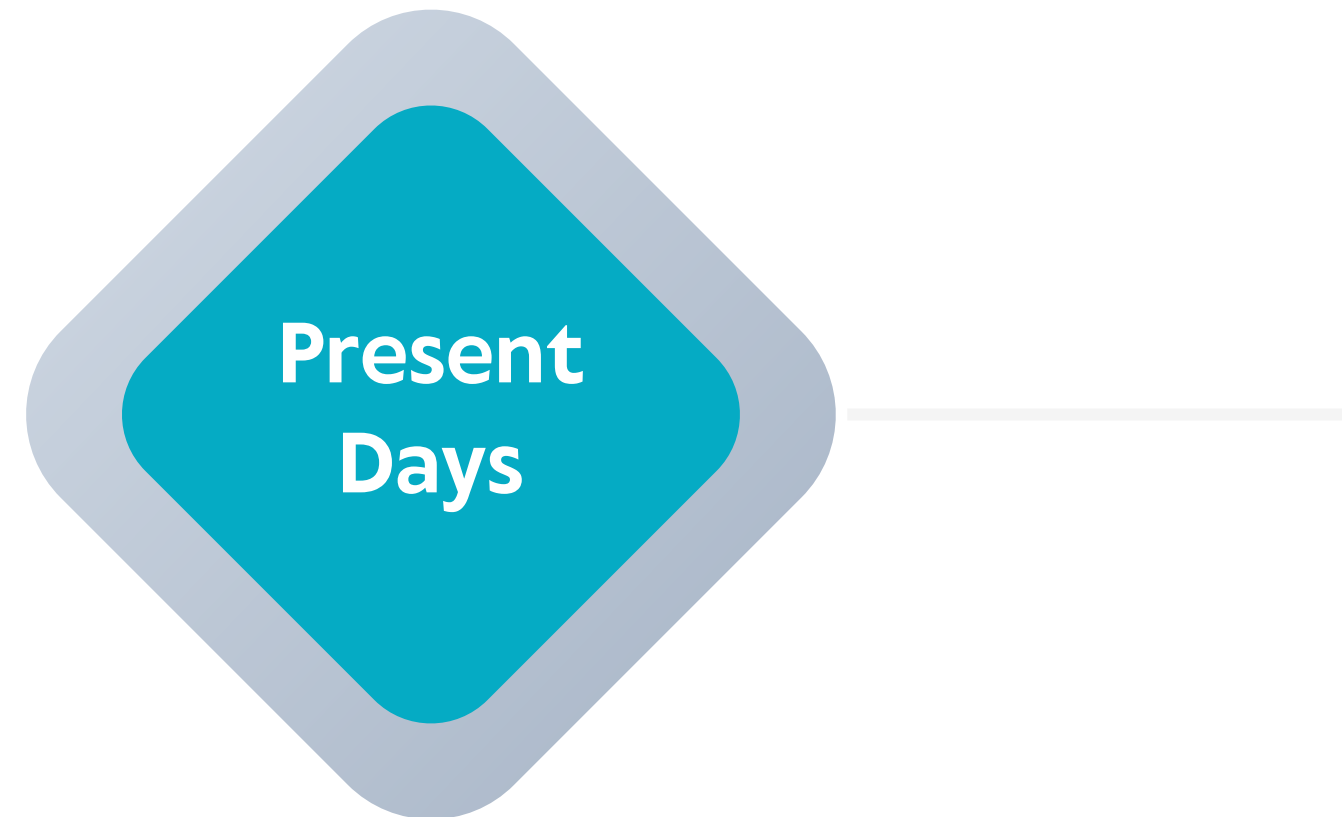
- Expanded product range to include refrigerants, copper tubes, chemicals, and compressors, diversifying our offerings.

2020

- Strengthened our logistics capabilities with an advanced decanting station and warehousing facilities in Karachi.



Our Milestones



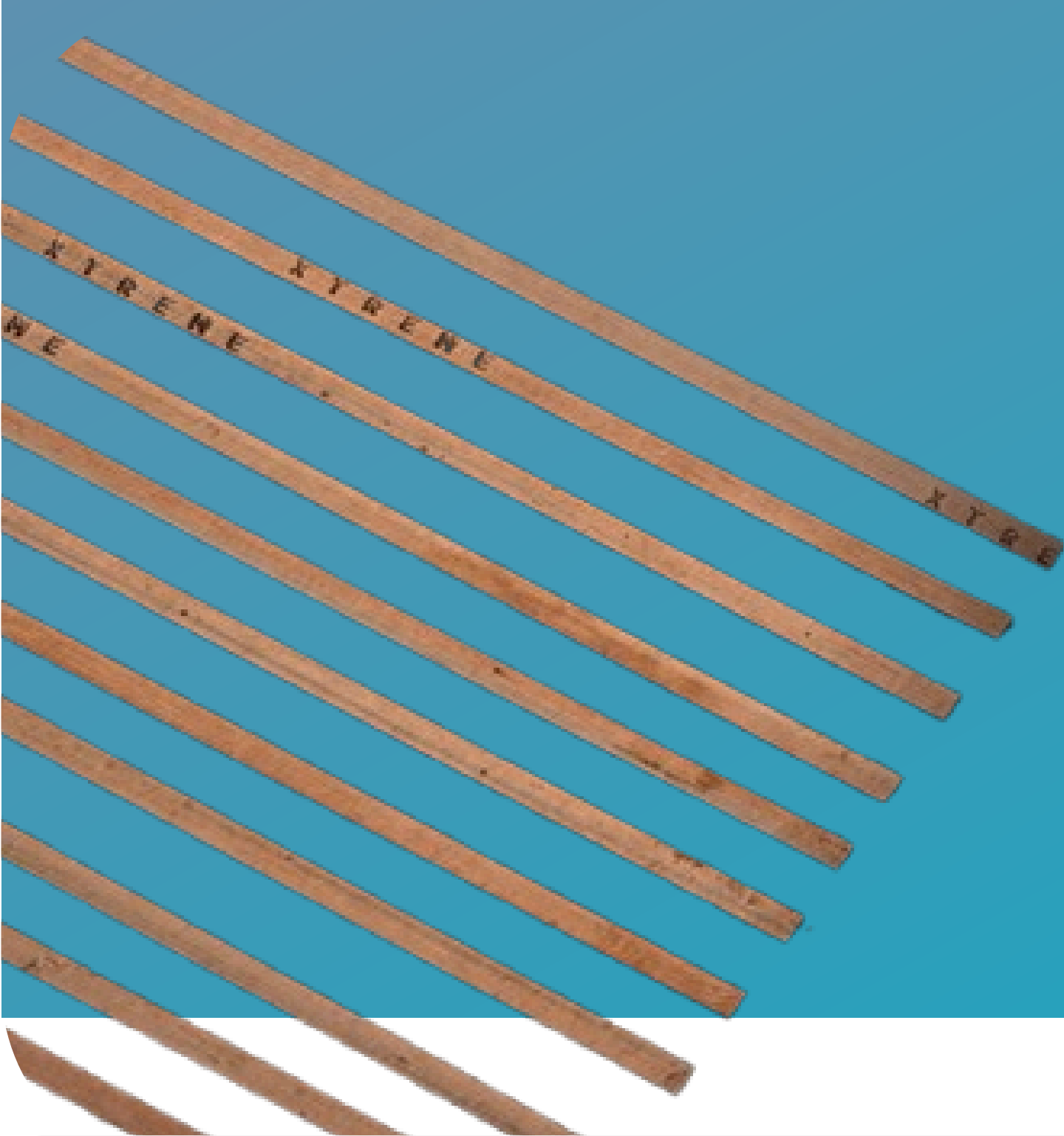
Built a strong nationwide presence with branches across major cities and an international office in Dubai, UAE, serving prestigious clients, including OEMs and government institutions.



ATEE & CO.

Products

- 01 Xtreme-Cool-Brazing-Rod
- 02 Xtreme Cool Refrigerant R 22
- 03 Xtreme cool Refrigerant R 410^a
- 04 Xtreme Cool Refrigerant 134a
- 05 Xtreme Cool refrigerant R-404a
- 06 Xtreme Cool Refrigerant 407 c
- 07 Xtreme Cool Refrigerant R-600
- 08 Xtreme Flex
- 09 Xtreme Split Valve
- 10 Xtreme Insulation AC Kit
- 11 Xtreme Water Dispenser
- 12 Fan Motor
- 13 Polyols
- 14 Copper Tubes
- 15 Driers
- 18 Suniso Oil



Xtreme-Cool- Brazing-Rod

Brazing is a metal-joining process in which two or more metal items are joined together by welding. Flux can also be applied using brazing rods with a coating of flux, or a flux core.

We have copper, silver brazing materials, quality assured.



Xtreme Cool Refrigerant R 22

Xtreme Cool is a major supplier of refrigerants to the refrigeration and air conditioning market. Offering a range of products like fluorocarbon refrigerants including HFCs, and HCFCs as well as full range of environmentally safe natural refrigerants and Hydrocarbon Refrigerants.



Xtreme cool Refrigerant R 410a

R410-A is a zeotropic, but near-azeotropic mixture of difluoromethane (CH_2F_2 , called R-32) and pentafluoroethane (CHF_2CF_3 , called R-125), which is used as a refrigerant in air conditioning applications.



Xtreme Cool Refrigerant 134a

Tetrafluoroethane, R-134A, or HFC-134A, also known as norflurane (INN), is a haloalkane refrigerant with thermodynamic properties similar to R-12 (dichlorodifluoromethane) but with insignificant ozone depletion potential.



Xtreme Cool refrigerant R-404a

R-404A is a blend refrigerant developed as a substitute for R-502 (HCFC/CFC blend refrigerant) which had been widely used for commercial-use refrigeration.



Xtreme Cool Refrigerant 407 c

R-407c is a mixture of hydrofluorocarbons used as a refrigerant it is a zeotropic blend of difluoromethane, pentafluoroethane and 1,1,1,2-tetrafluoroethane.



Xtreme Cool Refrigerant R-600

R600a, is refrigerant grade isobutane, a natural, or "not in kind", refrigerant suitable for use in a range of refrigeration applications. The use of R600a is increasing due to its low environmental impact and excellent thermodynamic performance, and it is now the refrigerant gas of choice in domestic and small commercial refrigerators. It is non-toxic with zero ODP (Ozone Depletion Potential) and very low GWP (Global Warming Potential).

r22

- 1kg
- 136kgs
- 22.7kgs
- 57kgs
- 950kgs
- 2000kgs

application

- low temp. refig.
- mid temp.refrig.
- air conditioning

r134a

- 340~1kgs
- 13.6kgs
- 22.7kgs
- 57kg
- 950kgs
- 20000kgs

application

- Med. Temp. Refrig.
 - Air conditioning
- Replacement for R12

r417a

- R134a/R125/R600
(50/46.6/3.4%)
- 11.35kgs

application

- Med. Temp. Refrig.
 - Air conditioning
- Replacement for R2

r23

- 9kg
- 38kgs

application

- Very low temp.
Refrig.
- Replacement for R13
& R503

r32

cylinders

- 400kgs
- 800kgs
- 926kgs

purity

- 99.8%

application

- Refrigerant

r123

- 125kgs
- 250kgs

purity

- 99.8%

application

- Refrigerant

r124

- 400kgs
- 800kgs
- 1000kgs

purity

- 99.6%

application

- Refrigerating

r125

- 800kgs
- 1000kgs

purity

- 99.6%

application

- Refrigerating

r422a

- (M079)
- R125/R134a/R600a
(85.1/11.5/3.4%)
- 10.9kgs

application

- Low temp refig
- Med temp refig

Replacement for R502
& R22

refrigerants

a comprehensive approach
to refrigerant management



ATEE & CO.

refrigerants

a comprehensive approach
to refrigerant management

r143a

- 400kgs
- 800kgs
- 926kgs
- 1000kgs

purity

- 99.9%

application
refrigerant

r152a

disposable cylinder

- 10.5kgs
- 17.58kgs

recyclable cylinder

- 90kgs
- 310kgs
- 630kgs
- 730kgs

purity

- 99.9%

application
refrigerant, foaming
agent, cleaning

r245fa

- 1000kgs

purity

- 99.8%

application
foam blowing
agents

r404a

(FX70/HP62)
R125/143a/134a
(44/52/4%)

- 10.9kgs
- 45kgs
- 730kgs

application

- low temp. refrig.
 - mid temp. refrig.
- Replacement for
R502

r407a

(Klea 66/SUVA 9000)
R32/125/134a
(23/25/52%)

- 11.3kgs
- 52kgs
- 730kgs

application

- air conditioning
- Replacement for
R22

r410a

(AZ 20) R32/125
(50/50%)

- 11.3kgs
- 45kgs
- 740kgs

application

- air conditioning
- Replacement for
R22

r500

- 400kgs
- 800kgs
- 926kgs

purity

- 99.8%

application

- Temperature sensing

r502

- 13.6kgs
- 22.7kgs
- 40kgs
- 400kgs
- 800kgs
- 1000kgs

purity

- 99.8%

application

- Refrigerating

r503

recyclable cylinders

- 40kgs

purity

- 99.8%

application

- low temperature
- Refrigerant



ATEE & CO.

r507

- (AZ 20) R125/134a
- (50/50%)
- 11.3kgs
- 50kgs
- 720kgs

application

- Low temp refrig
- Med temp refrig

Replacement for R502

r290

disposable cylinders

- 5kgs
- 9kgs

repeat refillable cylinders

- 118L
- 400L
- 800L
- 926L

purity

- 99.5%

application

- Refrigerant gas for air conditioner

r408a

- R125/143a/22
- (7/46/47%)
- 10.9kgs

application

- Low temp refrig
- Med temp refrig

Replacement for R502

refrigerants

a comprehensive approach
to refrigerant management

r600a

disposable cylinders

- 6.5kgs

recyclable steel cylinders

- 100L
- 926

purity

- 99.5%L

application

Refrigerant gas for air conditioner

r406a

- R22/600a/142b
- (55/4/41%)
- 11.3kgs
- 13.6kgs

application

- Stationery R12 refrig.
- Replacement for R12

r407f

- Genetron performax LT
- R32/R125/R134a
- (30/30/40%)
- 11.3kgs

application

- Low temp refrig
- Med temp refrig

Replacement for R22

r409a

- R22/124/142b
- (60/25/15%)
- 13.6kgs

application

- R*low temp refrig
- Med temp refrig

Replacement for R12

r508b

- 23/116 (46/54%)
- 6kgs
- 9kgs

application

- very low temp refrig

Replacement for R503 & R13

r413a

- R134a/R218a/R600a
- (88/9/3%)
- 13.4kgs

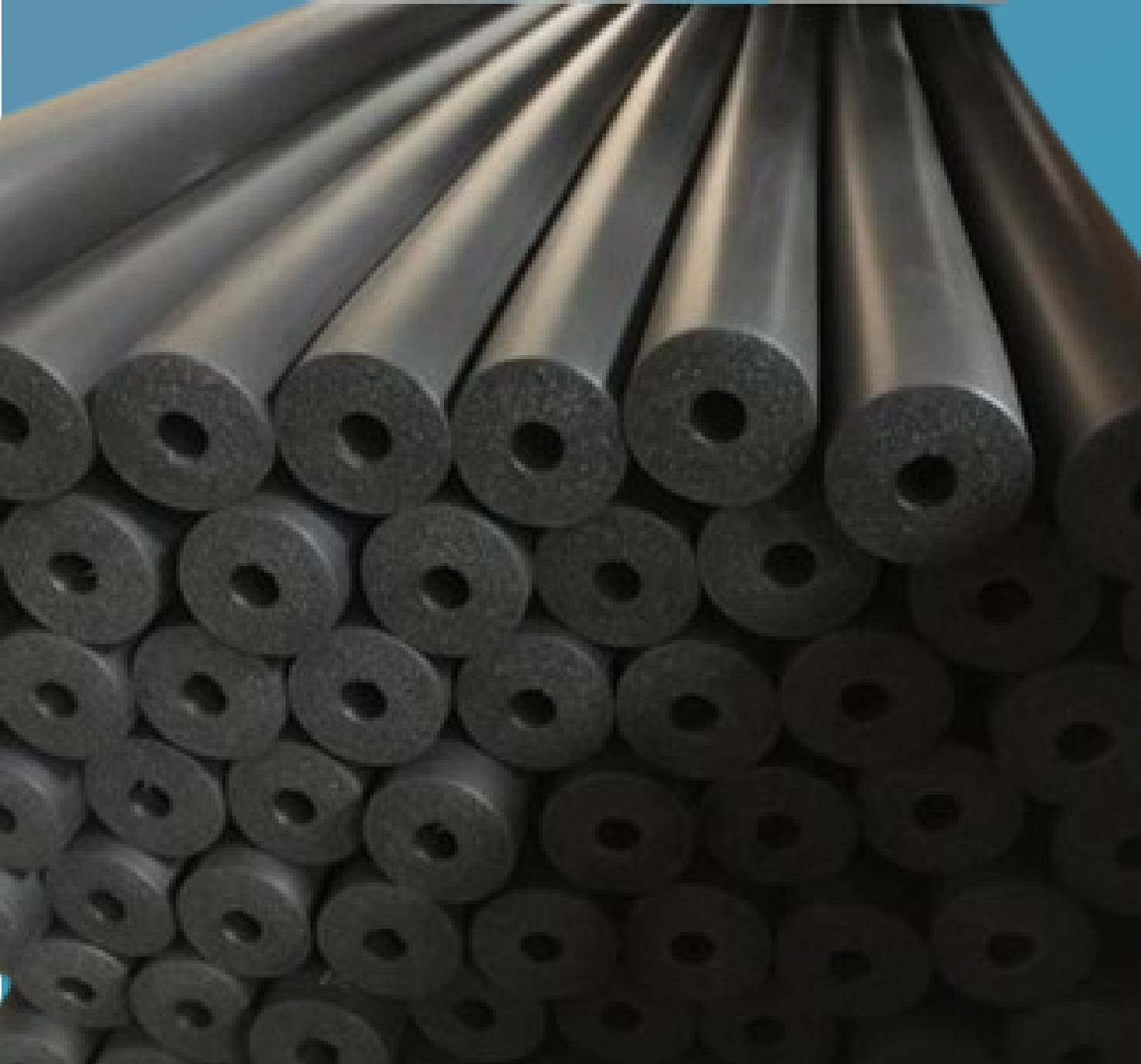
application

- Med temp refrig
- Auto & stationary A/C's

Replacement for R12

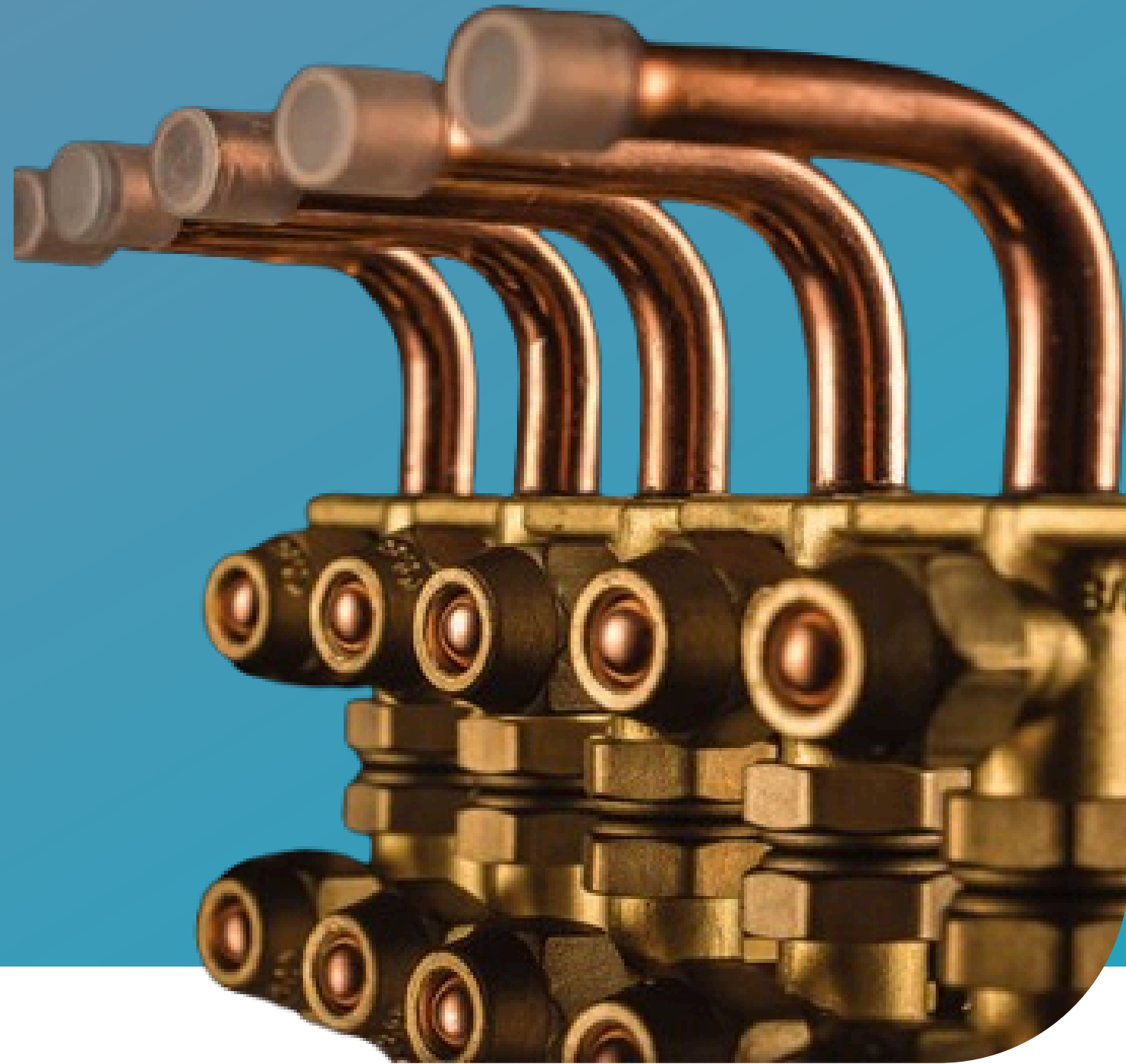


ATEE & CO.



Xtreme Flex

XTREME FLEX (insulation pipe) is the most thermally efficient and thinnest possible insulation product used on pipework in building services and HVAC applications for optimal thermal performance. Xtreme flex features patented phenolic foam technology with 95% (or greater) closed cell structure that eliminates the risk of moisture. Conventional products have less resistance to moisture penetration and a 1% ingress by volume can increase thermally up to 107%. Such spike in thermal conductivity of the material can significantly impact on the level of heat loss or gain in a building services installation.



Xtreme Split Valve

Parts and components for Air-conditioner (Air conditioner valve is an important element of the split air conditioning, which connect, open or close the refrigerant liquid line, vacuumize and charge refrigerant between the outdoor unit and indoor unit).

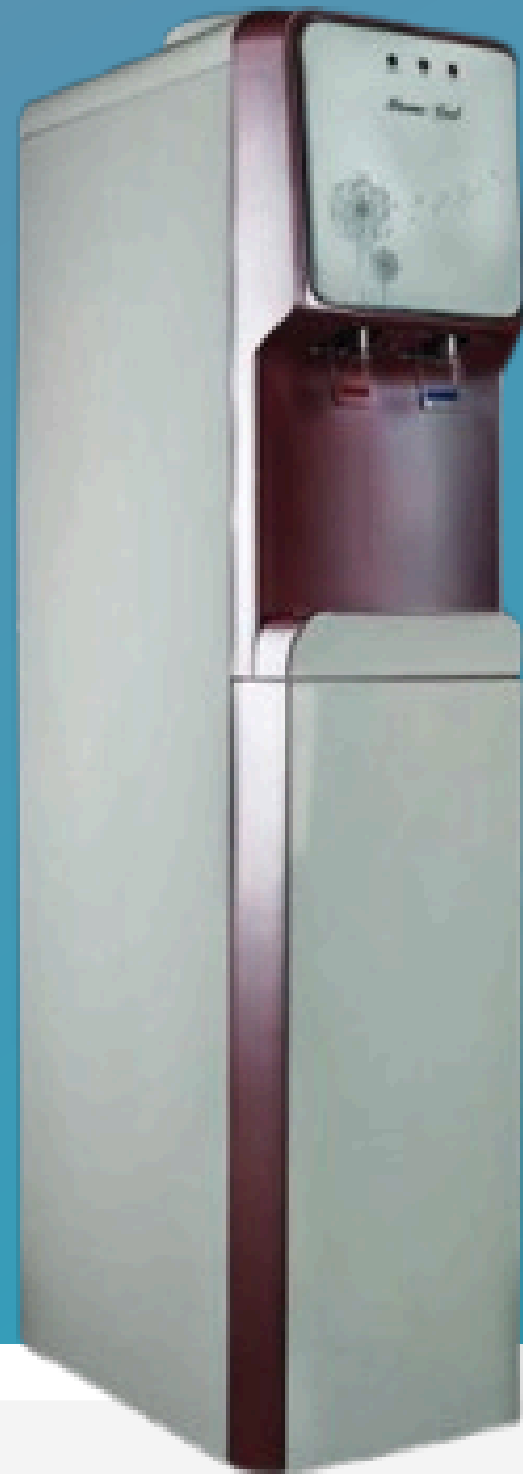


Xtreme Insulation AC Kit

The copper pipes and insulation play an important role in installation of air conditioner. It is therefore very important to use the good quality pipe according to manufacturer specification's.

Ant deviation from specifications may lead to any of following problems.

- Reduced capacity due to less flow of refrigerant.
- Gas leakage from pinched point in due course of time.
- Offensive noise
- Drastic reduction in flare life can result in gas leakage reduced cooling effect increased load on compressor



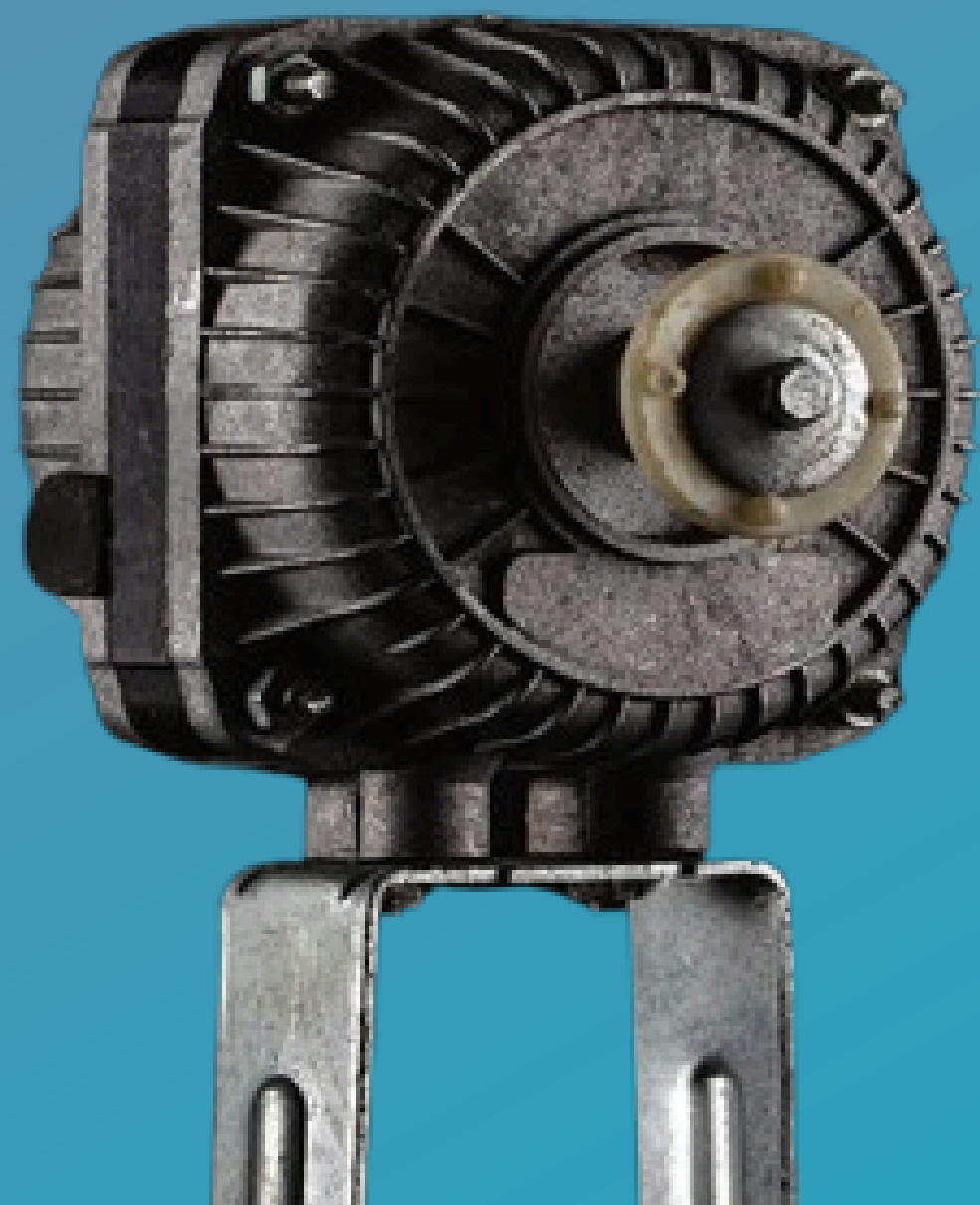
Xtreme Water Dispenser

Hot and cold

- Danfoss compressor
- Copper pipe fitting
- This product is environmentally friendly (R-134a/32g)

Water cooling efficiency 5-10C.

- Water heating 85-95C to make tea and coffee.
- Internal and external safety means.
- Magnificent new design.
- Compressor Hot & Cold Water Dispenser.



Fan Motor

We provide our customers with the biggest brands and the highest quality of fan motors, nationwide for use in heating, ventilation, air conditioning and refrigeration equipment, as well as many other diverse fan and mechanical duty applications. The common component of all our clients is their need for high-quality, technically advanced products, designed to meet very exacting requirements, coupled with availability at short notice and low cost. We have established a reputation for meeting these criteria and satisfying customer demands.

 HALSTEAD


**MUELLER
INDUSTRIES**

 **interdryers**

ARKEMA
INNOVATIVE CHEMISTRY


maxtube


xtreme cool
REFRIGERANTS



National Refrigerants, Inc.


Jinitan Copper Tubes

 **DE.NA.**


HARRIS

Honeywell

brands

we deal in



A T E E & C O .



Polyols

We have an extensive variety of Polyols, pre-mixed with the highest yielding factors available in the market. We also have the ability and expertise to compose and formulate the customers required polyol grade.



ATEE & CO.

r-141b

Packing:

Steel drum 250kg

Purity:

99.8%

Application:

Used as purger and
foamer, can replace R11

r-142B

Packing:

Steel drum 250kg

Purity:

99.8%

Application:

Used as a cleanser and
foamer, can replace R11

cyclopentane

Packing:

Steel drum 250kg

Purity:

95.0%

Application:

Foaming agent



ATEE & CO.

polyol

Packing

Steel drum 220kg

Purity

99%

Application

Manufacturing flexible polyurethane foam as furniture pads, mattresses, filters and packing materials etc.

r-123

Packing:

Steel drum 250kg

Purity:

99.8%

Application:

Refrigerating, mainly uses in large, low-pressure centrifugal chillers and replaces R11

MDI

Packing:

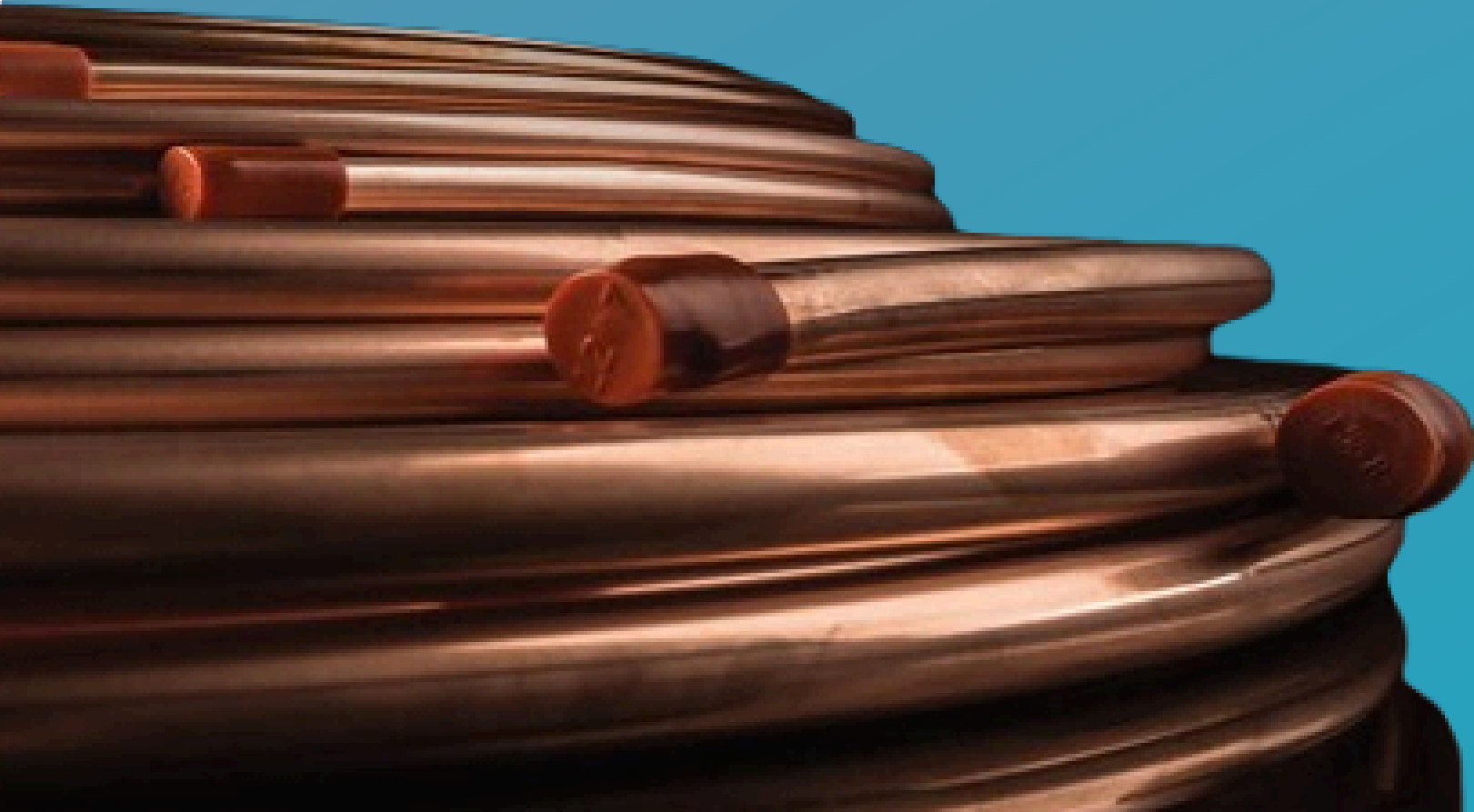
Steel drum 250kg

Purity:

99.95%

Application:

Widely used in the production of PU rigid insulations foams and polyisocyanurate foams.



Copper Tubes

With the highest purity and material quality, we have all types of sizes and gauges available in copper tubing. Also available in inner groove and pancake coils.



ATEE & CO.

copper tube sizes

- | | |
|------------------|----------|
| •1/4 22 | •3/4 22 |
| •1/4 23 | •3/8 22 |
| •1/4 24 | •3/8 23 |
| •1/4 27 | •5/8 22 |
| •1/2 22 | •5/8 23 |
| •1/2 23 (low wt) | •5/16 24 |
| •1/2 23 | •3/16 27 |

origin: USA, Korea & China



Jinitan Copper Tubes





Driers

Dehydrator Copper Filter drier equipped with Universal Molecular Sieve with the highest absorption capacity available on the market.

Interdryers

DE.NA.

15 grms 20grms

25 grms

15 grms 20grms

25 grms



ATEE & CO.

brazing alloys

Application: for copper or brass. Reduced brazing temperature, visible braze allows easy joint inspection.

Excellent for HVAC applications.

Description: blockade bare rod & Blockade flux=Coated
(2mm x20 stk tube)

Chem. Comp: 86.9% Cu, 6.5% Sn, 6.5% P,.1% Si

Specification: AWS A5.8 BCup-9

6620f SS6-050 x 20 x 25 # PKG

6620FQ SS6-050 1/8 x 28 STICK TUBE



thin 18"

thick 18"

safety silv

Application: for ferrous and non ferrous alloys. Often used to braze stainless steel for food service.

Description: 56 1 / 16 x 1, 45 1 / 16 x 3, 45 1 / 16 x 5

Chem. Comp: 56% Ag, 22% Cu, 17% Zn, 5% Sn

Specification: AWS A5.8 Bag-7 NSF 51

SSB1/2 STAY SILV BLACK FLUX-1/2 # JAR EA

10701/2 ALBRAZE 1070 PWDR FLUX-1/2# EA



Suniso Oil

Suniso mineral oils are manufactured from well-refined petroleum lubricating oil stocks, while the synthetic ones are based on the finest synthetic base stocks. All represent the best choice among available compressor lubricants.



ATEE & CO.

physical & chemical properties 3GS

Physical state: liquid

Colour: amber

Odor: mild petroleum

other properties

Boiling point: >260°C at STP unless specified below

Specific gravity: (H₂O=1) <1

Vapor pressure: <0.005 hPa (0.00 mmHg) at 20°C

Vapor density: (air=1) >10

Solubility in water: Insoluble

Solubility in organic solvents: Soluble

Partitioning coefficient: log POW :>6 this product is soluble in oil

Flash point : >187°C (>370°F) Method:Cleveland open cup ASTM D92

Percent volatiles: Nil



ATEE & CO.

physical & chemical properties 4GS

Physical state: liquid

Colour: amber

Odor: mild petroleum

other properties

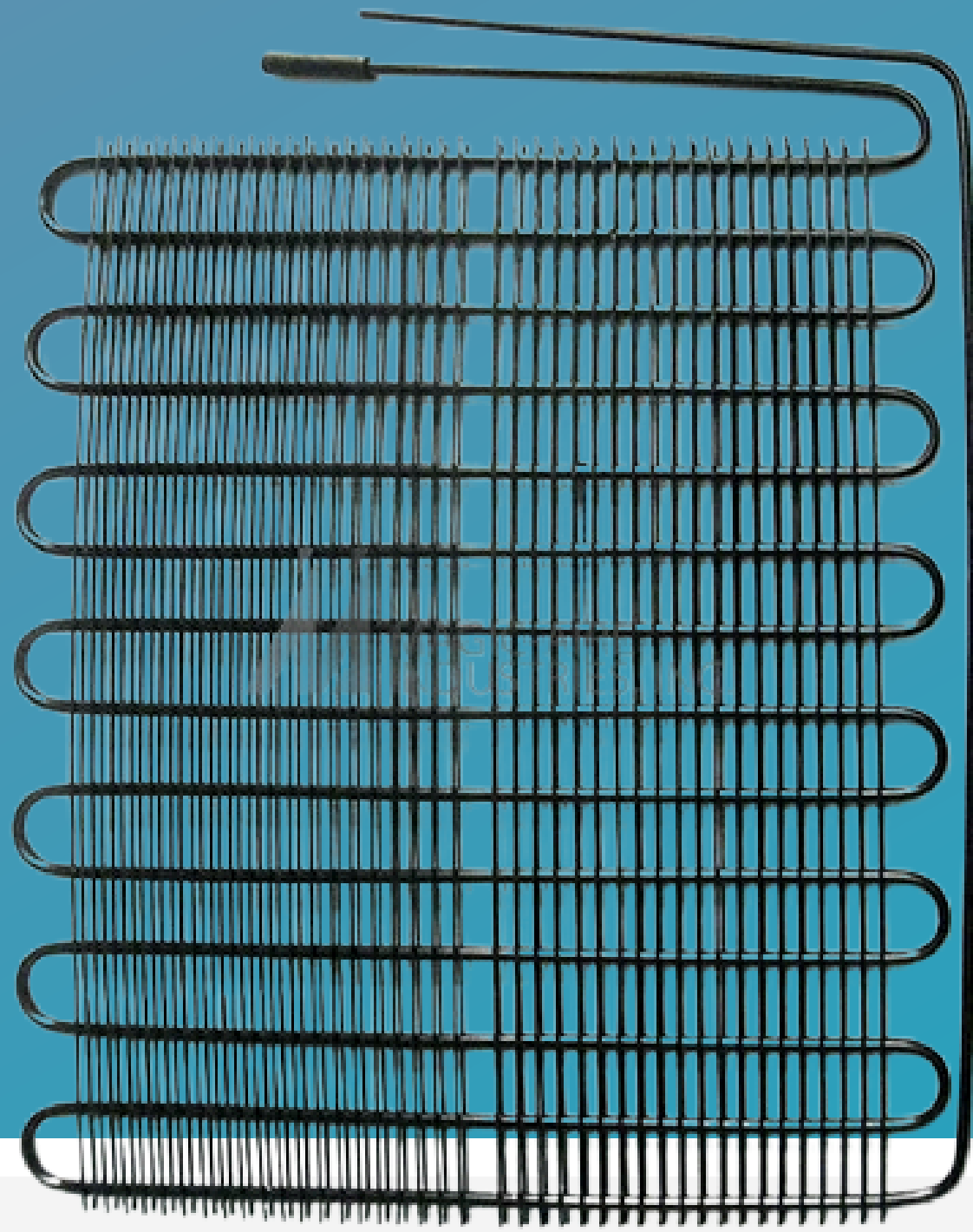
Boiling point: >260°C at STP unless specified below

Specific gravity: <1 (H₂O=1)

Vapor pressure: <0.005 hPa (0.00 mmHg) at 20°C

Vapor density: >10 (air=1)

Solubility in water: Insoluble



Condenser

Our manufacturing plant for refrigerator condenser was established in 2011 and producing condensers according to the international standard. We can produce according to the drawing or sample supplied by clients, also can help the design and produce different condenser.

**Capacity 3 Lac per year
(1000 sets per day)**

| size | copper coted bundy tube 4.76mm | u bend | rows | wire qty | wire length | length | width |
|--------|-----------------------------------|--------|------|----------|-------------|--------|-------|
| 1/3HP | 4.76 | 13 | 26 | 45x2=90 | 1040mm | 1025mm | 450mm |
| 1/4HP | 4.76 | 11 | 22 | 46x2=92 | 875mm | 860mm | 450mm |
| 1/5HP | 4.76 | 9 | 18 | 44x2=88 | 803mm | 790mm | 445mm |
| 1/6HP | 4.76 | 7 | 14 | 45x2=90 | 663mm | 650mm | 445mm |
| 1/8HP | 4.76 | 7 | 14 | 19x2=38 | 550mm | 535mm | 375mm |
| 1/10HP | 4.76 | 5 | 10 | 19x2=38 | 380mm | 365mm | 375mm |
| 1/12HP | 4.76 | 4 | 8 | 19x2=38 | 300mm | 285mm | 375mm |



ATEE & CO.

Main material

- Bundy tube 4.76, 6, 6.35, 8
- Low carbon steel wire 1.0-1.6

Structure

- Flat type of wire on tube condenser used at the back
- Banded or spiral type of wire on tube condenser used at the bottom
 - Wrapped type of tube embed on plate.

Main production process

Tube banding, welding, weld the suction tube, leakage test, coating, folding or bending shaping, inspection, package.

Technical ability: wire pitch >5mm



ATEE & CO.

Performance

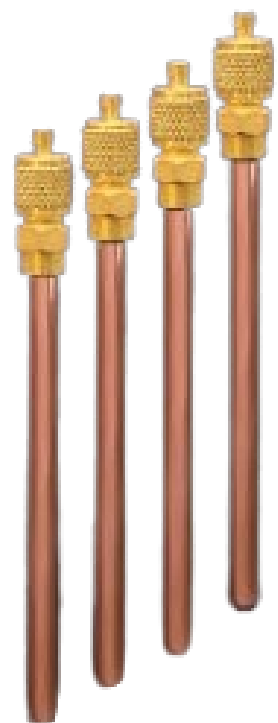
- Surface with electrophoresis coating to prevent the corrosion.
- Inner cleanness can meet the requirement of CFC & R134a cooling system.
 - Can satisfy different cooling capability requirements.

Specification of coating thickness

- Thickness of zinc and varnish coating $\geq 12 \mu\text{m}$
- Thickness of cathodic electrophoresis coating $\geq 12 \mu\text{m}$

Harness of coating ≥ 2 Impact of coating: 50cm.kg/cm impact no crack

Adhesion of coating: one grade



PIN VALVE

20gm, 22gm



COPPER U BAND

1/4



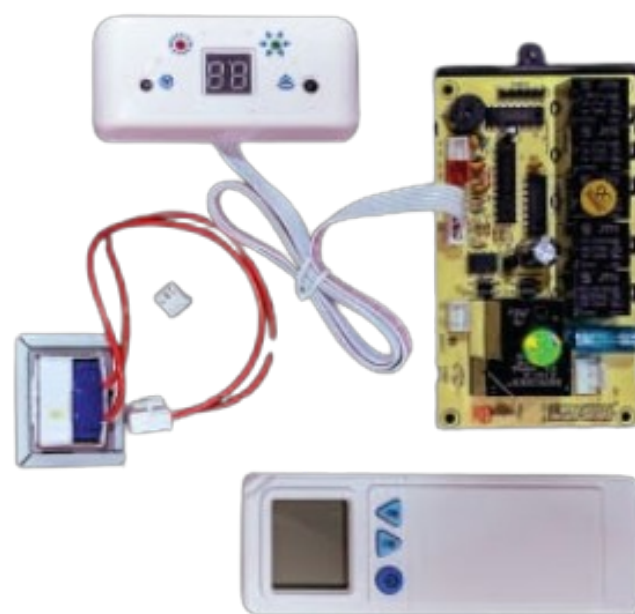
INSULATION

with and without
lamination



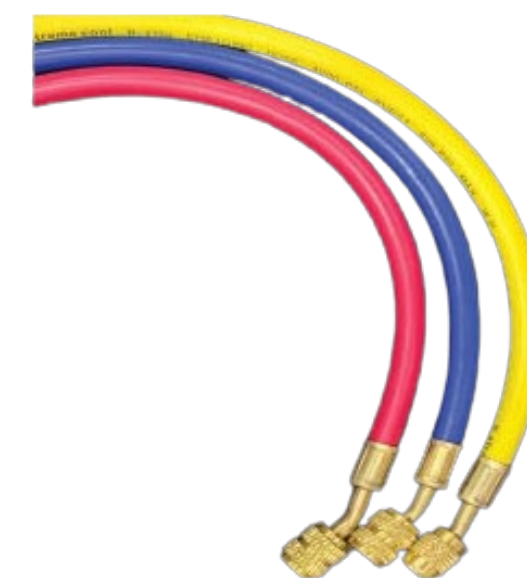
HIGH PRESURE

service machine



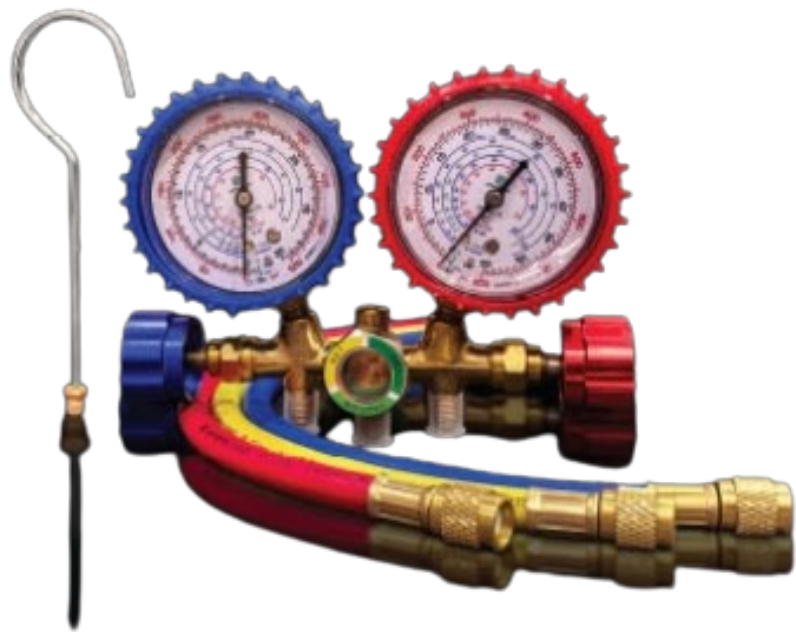
UNIVERSAL AC

control system
QD-U08C



CHARGING HOSES

R-12/22/ 502
R-134A, R-410A



MANIFOLD

**gauge set
CT-535G**



SINGLE GAUGE VALVE

**CT-4685
high/low, aluminium handle and glass
(brass)**



SINGLE GAUGE VALVE

**CT-466G
high/low
(brass)**



GAUGE METER



**DIGITAL
CLAMP METER
DT-266**

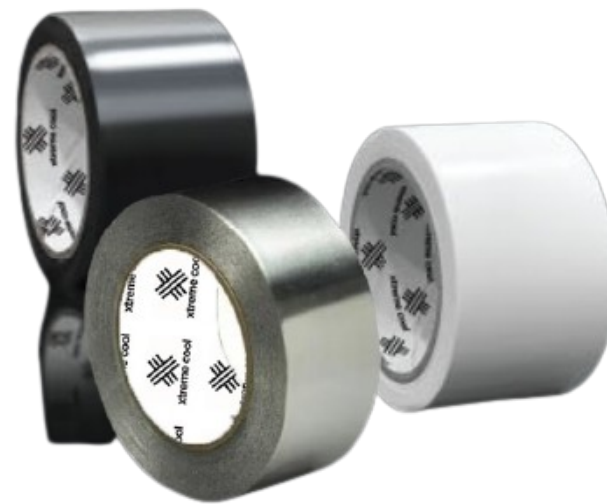


**DIGITAL
CLAMP METER
DT-3266L**



NON ADHESIVE TAPE

high quality
ISO-9001



PVC TAPE

BLACK AND WHITE AND
ALUMINIUM
HIGH QAULTY



AC CONDUCTOR

1 POLE-30A-220V
2 POLE-30A-220V



GAS WELDING TORCH

and hose pipe
high quality ISO 9001



VALVE

without gauge meter



XTREEM LED

30000 HRS



AC CLEANING

cover

1 ton, 1.5 ton. 2 ton



XTREEM COOL

STARTER RELAY

1'3, 1/4, 1/5, 1/6



FAN CAPACITOR

2 U.F, 2.5 U.F, 3 U.F, 3.5 U.F



4TM OVERLOAD

size 22 V



PTC RELAY

1, 2, 3 PINS



PP 1100 RELAY

size 22v V (white)



**CAPILLIARY TUBE
CUTTER**
CT-1104



DIGITAL THERMOMETER
RANGE: -50° -80°



OXYGEN REGULATOR
OG-AB



THERMOSTATE



CONNECTION KIT
1/2-1/4, 3/8-1/4, 5/8-1/4, 3/8-5/8
copper kit, alumunium kit
copper aluminium



PP 1100 RELAY
size 22v V (white)



QUICK COUPLER

QC-12



DIGITAL THERMOMETER

lcd screen display
clock function



QUICK COUPLER

QC-LC



AC STRAINER

retain solid peices
white liqui passes



FLEXIBLE DRAIN PIPE

MULTIPURPOSE USE



FLARING TOOL KIT
(CT-195) 3/16" TO 5/8" O.D
(CT-595) 3/16" TO 5/8" O.D



TUBE CUTTER
lcd screen display
clock function



RUNNING CAPACITOR

- 30 MFD
- 35 MFD
- 40 MFD
- 45 MFD
- 50 MFD
- 55 MFD
- 60 MFD
- 50+5 MFD
- 55+5 MFD
- 60+5 MFD



XTREEM PLIER
PROFESSIONAL TOOL



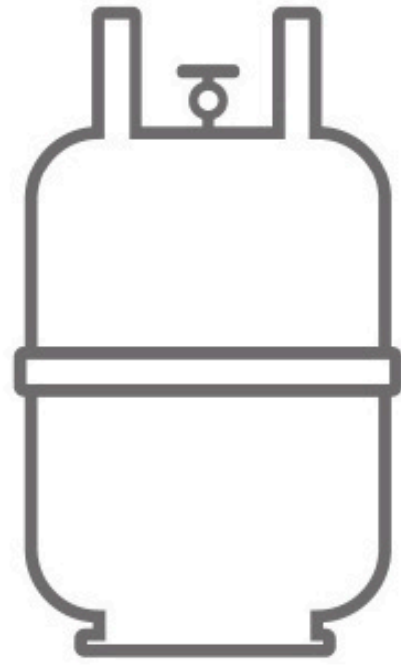
**VIBRATION
ABSORBTER**

ready for the future

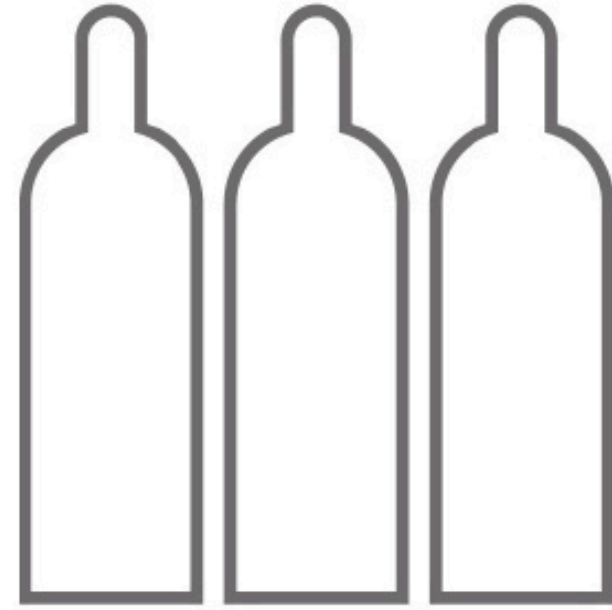
We will continue to shape our business, image and culture to build on our inherent strengths.
With a strong brand we can build on what we already do well.



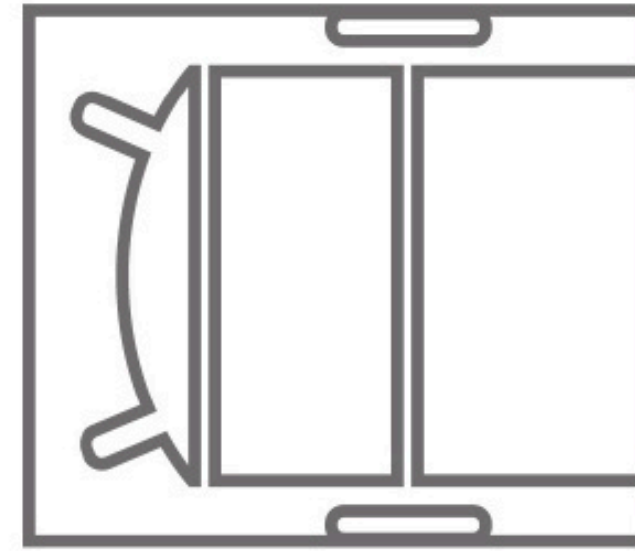
ATEE & CO.



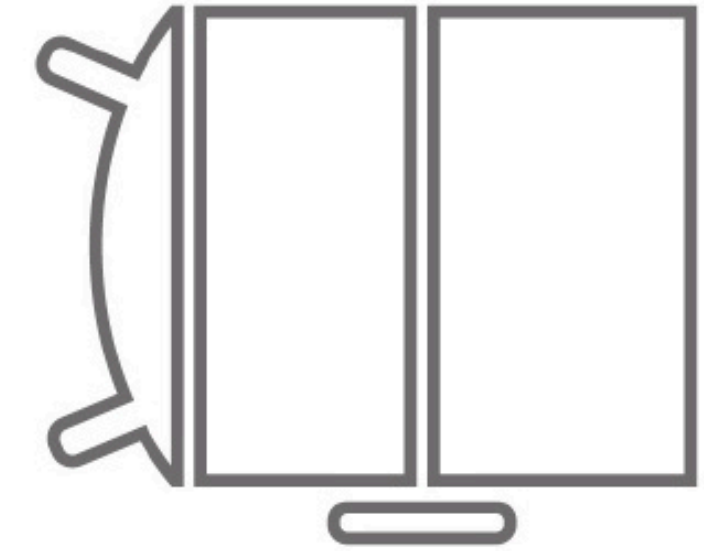
disposable cans
(10.9,11.3,13.6 & 22.7kg)



loansteel-cylinders
(50 & 80kg)



returnable tanks
(900kg)



ISO tank containers
(approx. 17000kg)

Head Office:

866-C-2, First Floor
Central Comercial Area
off Allama Iqbal Road, P.E.C.H.S
Karachi, Pakistan

Tel: +92 21 3454 1738 3454 3916
32556531 **Fax:** +92 21 3455 3922

Email: ateco@hotmail.com

Web: www.ateeandco.com

Branch Office III:

21, Temple Road,
Near Ramzan Ali Hospital,
Lahore, Pakistan

Tel: +92 42 3731 0237-8
Fax: +92 42 3731 0238

Email: ateco@live.com

Web: www.ateeandco.com

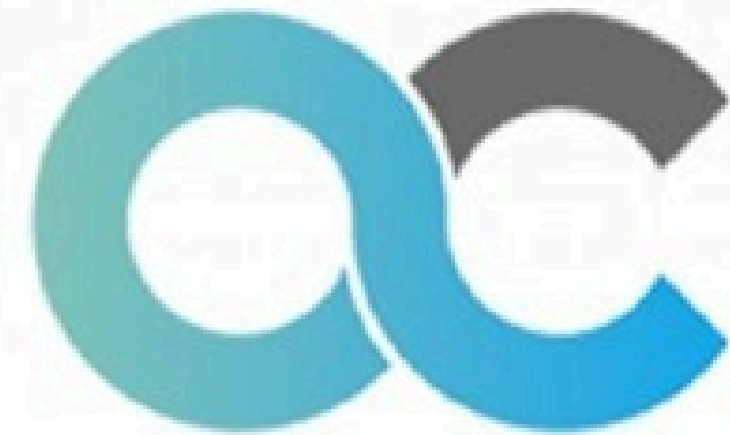


ATEE & CO.

BRANDS

Distributors Of Arkema France in Pakistan

ARKEMA
INNOVATIVE CHEMISTRY



A T E E & C O.

 **DE.NA.**

Honeywell



Contact Us



Phone

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Fax

92-21-34553922



Mail

info@ateeandco.com, ateeco@hotmail.com



Website

www.ateeandco.com



Address - Head Office

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