DAIKIN

Perfecting the Air
Kenyamanan Tanpa Batas

- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have enquiries, please contact your local importer, distributor and/or retailer.

DEALER RESMI

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, dorect exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

DCC **0800 1 081 081**
DAIKIN CONTACT CENTER

Jam Beroperasi:
Senin - Jumat: 07:00 - 19:00 WIB
Sabtu - Minggu & Libur Nasional: 07:00 - 17:00 WIB

PT DAIKIN AIRCONDITIONING INDONESIA
Menara Astra 7th & 8th Floor, Jl. Jenderal Sudirman Kav. 5-6,
Kel. Karet Tengsin, Kec.Tanah Abang, Jakarta Pusat, DKI Jakarta - 10220
Telp : +6221 8665 6886 I Website : www.daikin.co.id

• **SERVICE CENTER : Jakarta Selatan**, Telp. : 021-2782 5545 I **Samarinda**, Telp. : 0541-252 2889 • **WORKSHOP: Cirebon**, Telp. : 0231-8817 512 I **Banjarmasin**, Tlp. : 0511-6776 838 I **Aceh**, Tlp. : 0651-7318 036 I **Lombok**, Tlp. : 0370-7843 231 I **Jambi**, Tlp. : 0741-3066 790 I **Padang**, Tlp. : 0751-896 2684 • **TRAINING CENTER : Sunter**, Telp. : 021-650 5030 • **BRANCH : Bekasi**, Telp. :021-2945 0585 I **Tangerang**, Telp. : 021-5314 1195 I **Bandung**, Telp. : 022-522 5150 I **Semarang**, Telp. : 024-7660 3221 I **Yogyakarta**, Telp. : 0274-551 321 I **Surabaya**, Telp. : 031-503 1138 I **Denpasar**, Telp. : 0361-900 5514 I **Makassar**, Telp. : 0411-805 2691 I **Palembang**, Telp. : 0711-573 2282 I **Pekanbaru**, Telp. : 0761-561 139 I **Medan**, Telp. : 061-4200 8866 I **Manado**, Telp. : 0431-719 1199 I **Batam,** Tlp. : 0778-4171 445

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AMTIVO ISO 27001 Information Security Management — UKAS MANAGEMENT SYSTEMS 8289

DAIKIN

DIDAUB2511



YOUR SUSTAINABLE BUSINESS PARTNER IN HVAC

JAPAN QUALITY

TÜV SÜD · ASTM INTERNATIONAL Standards Worldwide · SINGAPORE GREEN BUILDING PRODUCT SGBC · CERTIFIED ISO 9001 Quality Assurance QAIC/SG/380-A · BSI British Standards · TASCO · DSP

R32 · R-410A · R-134A · AUB · RIIFO Air-Conditioning Piping System · SAKURA

www.daikin.co.id





Daikin Aftersales

Berkembangnya bisnis AC di Indonesia yang semakin pesat setiap tahun menunjukkan bahwa AC sudah menjadi kebutuhan pokok bagi semua masyarakat. Divisi After Sales Service PT Daikin Airconditioning Indonesia menyediakan kebutuhan pendukung khususnya dalam penyediaan alat instalasi dan material.

The rapid growth of the air conditioning business in Indonesia each year demonstrates that air conditioning has become a basic necessity for everyone. PT Daikin Airconditioning Indonesia's After-Sales Service Division provides support, particularly in the provision of installation tools and materials.

Hasil analisa yang kami temukan menyebutkan bahwa salah satu tingkat ketahanan suatu produk adalah dari proses pemasangan dan material pendukung yang baik. Dalam pemasangan, kami menyiapkan alat yang berkualitas tinggi untuk menjaga kualitas pemasangan sehingga tidak ada pekerjaan yang berulang. Dan dalam hal material, kami menyediakan material dengan kualitas tinggi sehingga kuat dan tahan lama.

The rapid growth of the air conditioning business in Indonesia each year demonstrates that air conditioning has become a basic necessity for everyone. PT Daikin Airconditioning Indonesia's After-Sales Service Division provides support, particularly in the provision of installation tools and materials.

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Daikin Refrigerant

Perubahan iklim & degradasi lingkungan telah menjadi perhatian masyarakat dunia, terutama penipisan ozon. Untuk ikut mendukung kebijakan pemerintah terkait permasalahan tersebut, PT Daikin Airconditioning Indonesia menyediakan refrigerant R410A dan R32 yang sudah terbukti aman & ramah lingkungan.

Climate change & environmental degradation have become a concern of the world community, especially ozone depletion. To participate in supporting government policies related to these problems, PT. Daikin Airconditioning Indonesia provides environmentally friendly refrigerants.

Jenis Refrigerant	ODP	GWP	Flammability
R22	0.05	1700	Tidak
R410A	**0.00**	1700	Tidak
R32	**0.00**	675	Rendah

Keterangan / *Explanation*
ODP: Potensi Penipisan Ozon / *Ozone Depletion Potential*
GWP: Potensi Pemanasan Global / *Global Warming Potential*
Flammability: Tingkat Kemungkinan Terbakar /
Ability to burn or ignite, causing fire or combustion.

Mengapa harus menggunakan **Daikin Refrigerant** ?
*Why should using **Daikin Refrigerant** ?*

MENJAGA PERFORMANCE UNIT
PROTECT PERFORMANCE UNITS

Menggunakan Produk Asli Daikin menjaga dan memperpanjang usia komponen unit yang menggunakannya.

Using Daikin Genuine Products maintains and extends the life of the components of the units that use them.

RAMAH LINGKUNGAN
ENVIRONMENTALLY FRIENDLY

Daikin Refrigerants sudah terbukti tidak berbahaya sehingga aman dan ramah untuk lingkungan.

Daikin Refrigerants have been proven harmless so they are safe and friendly for the environment.

KEMURNIAN REFRIGERANT
PURITY REFRIGERANT

Daikin Refrigerant memiliki kemurnian 100% dan tidak dicampur oleh zat lainnya.

Daikin Refrigerant has 100% purity and is not mixed with other substances.

KUALITAS DAN ORISINALITAS
QUALITY AND ORIGINALITY

Produk ini tidak dapat diisi ulang sehingga tidak dapat dipalsukan, dan kualitasnya terjamin.

This product is non-refillable, so it cannot be counterfeited, and the quality is guaranteed.



TERSEDIA DALAM KEMASAN 3 KG & 9.5 KG
AVAILABLE ON 3 KG & 9.5 KG

R-32 adalah refrigeran generasi baru yang memiliki tingkat potensi pemanasan global rendah dan sangat hemat energi sehingga aman bagi lingkungan.

R-32 is a new generation refrigerant with a low global warming potential and is highly energy efficient, making it environmentally friendly.

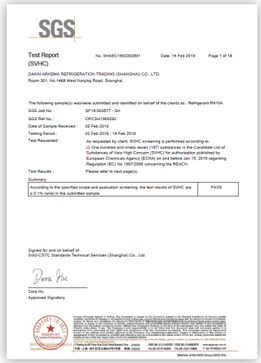


TERSEDIA DALAM KEMASAN 10 KG
AVAILABLE ON 10 KG

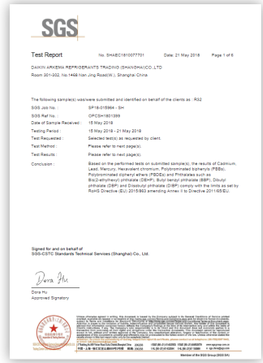
Hadir dengan kemasan besar membuat Daikin Refrigeran R-410A menjadi solusi hemat untuk AC di gedung dan perkantoran.

Coming in large packaging makes Daikin Refrigerant R-410A an economical solution for air conditioning in buildings and offices.

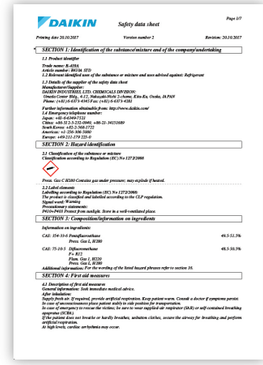
SGS & MSDS



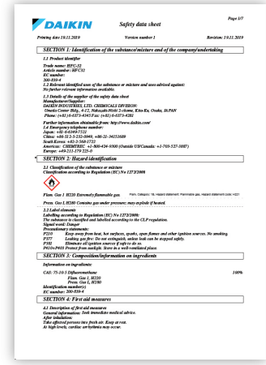
SGS R-410A



SGS R-32



MSDS R-410A



MSDS R-32



DAIKIN

Pipa DSP/*DSP Pipe*

Pipa ini diproduksi dengan standar ASTM B280 untuk memberikan kualitas produk yang baik. Tembaga katoda dengan 99.9% Cu dipilih sebagai material utama pipa untuk memberikan performa terbaik.
This pipe is manufactured to ASTM B280 standards to ensure high product quality. 99.9% copper cathode content was chosen as the primary pipe material for optimal performance.

Produk ini menawarkan berbagai pilihan ukuran dan jenis pipa untuk memenuhi kebutuhan instalasi.
This product offers a wide selection of pipe sizes and types to meet the pipe needs of installation.

ASTM INTERNATIONAL
Standards Worldwide



R-134A

TERSEDIA DALAM KEMASAN 13.3 KG
AVAILABLE ON 13.3 KG

Refrigerant Daikin R-134A merupakan refrigeran yang banyak digunakan diberbagai aplikasi, sebagai pengganti dari R-12.
Daikin R-134A refrigerant is a refrigerant that is widely used in various applications, as a replacement for R-12.

Keunggulan *(Benefit):*
- ODP = Nol *(Zero)*
- Memiliki tingkat kemurnian 100% *(100% Purity)*
- Menjaga Performa AC *(Protect AC Performance)*
- Memperpanjang Usia AC *(Extend AC Life)*
- Dapat digunakan di area kompresor secara sentrifugal, sekrup putar, gulir dan bolak balik.
  (can use sentrifugal, rotary screw, scroll and reciprocating in compressor area)



R-404A

TERSEDIA DALAM KEMASAN 10 KG
AVAILABLE ON 10 KG

Refrigerant Daikin R-404A merupakan refrigeran yang dapat digunakan untuk aplikasi medium – low tempratur dan cocok pada segala jenis model kompresor.
Daikin R-404A refrigerant is a refrigerant that can be used for medium – low temperature applications and is suitable for all types of compressor models.

MSDS


R404A


R134A

Physical Properties		Unit	Daikin R134A	R404A
Chemical Formula		-	CH2FCF3	CF3CHF2, CF3CH3 & CH2FCF3
Boiling Point		◦C(◦F)	-26.18	-46.8
Freezing Point		◦C(◦F)	-101	-
Vapor Pressure	at 25°c	Mpa	0.666	1.25
Density	at 25°c	g/cm³	1.206 (Saturated liquid)	1.043 (Saturated liquid)
Solubility in / Miscibility with water		g/100g	0.15	Not Determined
Flammability Limits in Air		vol%	None* (Nonflammable)	None* (Nonflammable)
Appearance		-	Colourless, Not Turbid	Colourless
Odour		-	Ether-like	Ether-like
Ozone Depletion Potential		-	-	-
Global Warming Potential		-	1430	0.94

CHEMICAL PROPERTIES

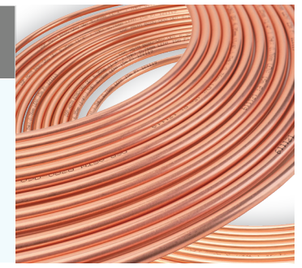
Standard	Grade	Copper CU (%)	Phosphorus P(%)
ASTMB B280	C12200	99,99	0,015-0,04

MECHANICAL PROPERTIES

Mechanical Properties				
Temper	Tensile Strength (Mpa)	Elongation (%)	Hardness	Average Grain Size (mm)
H80	min 250	0	0	0
O60	min 205	min 40	0	min 0.04

PANCAKE PIPE

Model	Diameter		Thickness (mm)	Lenght (m)
	inch	mm		
PCC-1/4-ASTM	1/4	6,4	0,76	15
PCC-3/8-ASTM	3/8	9,5	0,81	
PCC-1/2-ASTM	1/2	12,7	0,81	
PCC-5/8-ASTM	5/8	15,9	0,89	
PCC-3/4-ASTM	3/4	19,1	0,89	



SAFE INTERNAL WORKING PRESSURE

Model	Outside Diameter		Wall Thickness	Lenght	Safe Working Pressure at 50°C		Safe Working Pressure at 70°C	
	inch	mm	mm	m	Psi	Bar	Psi	Bar
PCC-1/4-ASTM	1/4	6,4	0,76	15	1,055	73	753	52
PCC-3/8-ASTM	3/8	9,5	0,81	15	1,209	83	864	60
PCC-1/2-ASTM	1/2	12,7	0,81	15	1,622	112	1,161	80
PCC-5/8-ASTM	5/8	15,9	0,89	15	2,006	138	1,433	99
PCC-3/4-ASTM	3/4	19,1	0,89	15	2,508	173	1,791	124

STRAIGHT TUBE PIPE

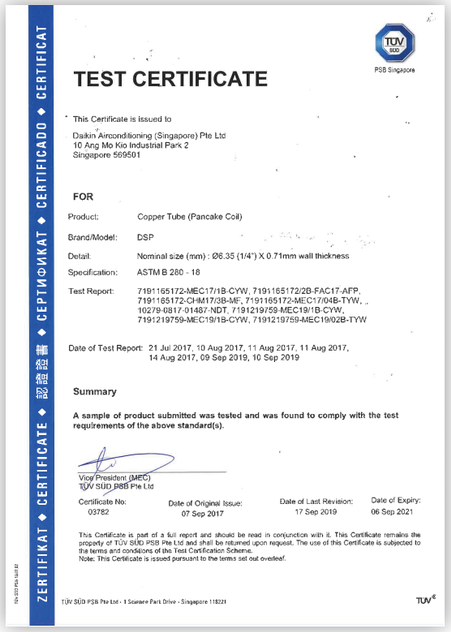
Model	Diameter		Thickness (mm)	Lenght (m)
	inch	mm		
SCP-7/8-ASTM	7/8	22,2	1,14	5,8
SCP-1-ASTM	1	25,4	1,21	
SCP-1 1/8-ASTM	1 1/8	28,6	1,27	
SCP-1 3/8-ASTM	1 3/8	34,9	1,40	
SCP-1 5/8-ASTM	1 5/8	41,3	1,52	



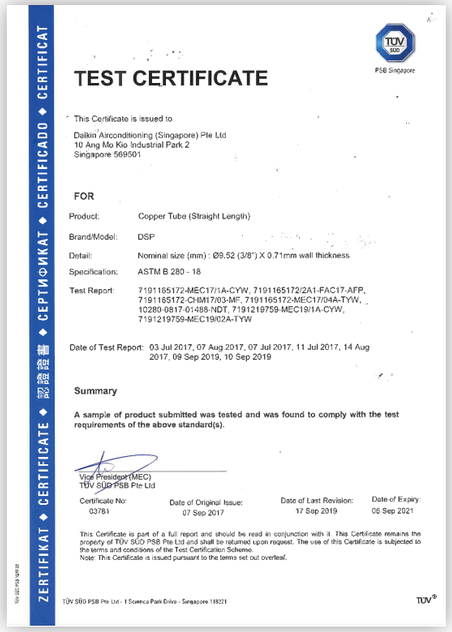
SAFE INTERNAL WORKING PRESSURE

Model	Outside Diameter		Wall Thickness	Safe Working Pressure at 50ºC		Safe Working Pressure at 70ºC	
	inch	mm	mm	Psi	Bar	Psi	Bar
SCP-7/8-ASTM	7/8	22,2	1,14	1,272	88	909	63
SCP-1-ASTM	1	25,4	1,21	1,626	112	1,162	80
SCP-1 1/8-ASTM	1 1/8	28,6	1,27	1,966	136	1,404	97
SCP-1 3/8-ASTM	1 3/8	34,9	1,40	2,562	177	1,830	126
SCP-1 5/8-ASTM	1 5/8	41,3	1,52	3,287	227	2,348	162

CERTIFICATION



TUV Pancake Pipe



TUV Stright Cooper Pipe

PAIR COIL PIPE



DSP Insulated Pair Coil dibuat dengan tembaga kelas ASTM B280 yang dibungkus dengan busa polyethylene sel tertutup yang berkualitas tinggi untuk memastikan kuallitas dan keamanan. Lapisan berinsulasi tahan lama dan tahan terhadap lecet. Lebih mudah dipasang di ruang sempit dan mengurangi waktu pemasangan.

DSP Insulated Pair Coil is made with ASTM B280 grade copper wrapped in high quality closed cell polyethylene foam to ensure quality and safety. The insulated coating is durable and resistant to abrasions. Easier to install in tight spaces and reduce installation time.

PRODUCT LINE UP

Model	Unit	IPC-23-ASTM	IPC-24-ASTM	IPC-25-ASTM	IPC-35-ASTM	IPC-36-ASTM
Diameter	mm	6,4 - 9,5	6,4 - 12,7	6,4 - 15,9	9,5 - 15,9	9,5 - 15,9
	inch	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	3/8 - 5/8	3/8 - 3/4
Pipe Thickness	mm	0,76 - 0,81	0,76 - 0,81	0,76 - 0,89	0,81 - 0,89	0,81 - 0,89
Insulation Thickness	mm	10	10	10	10	8 - 10
Pipe & Insulation Length	m	30	30	30	15	15

SAFETY COMPLIANCE

Cooper Tube Safeworking Pressure			
Cooper Tube Dimensions Metric (mm)	@50ºC	SWP (kPa) @65ºC	@75ºC
6.35 x 0.81	10,635	10,635	8,820
9.52 x 0.81	6,800	6,800	5,640
12.70 x 0.81	4,995	4,995	4,140
15.88 x 1.02	5,030	5,030	4,170
19.05 x 1.14	4,697	4,697	3,895

Insulation Properties	
Material	Highly flexible paired, cross linked, closed cell polyethylene
Thermal Conductivity	0,037 W/m.K at 20ºC
Tensile Strength	34.2 (3.49)mln N/cm² (kgf/cm²)
Water Absorption	0.0076 max g/100cm²
Thickness Shrinkage (%)	5% max @(120 ± 5°C
Coenfficient of moisture permeability	10 (0.005) max, (per 25mm in thickness) ng/m²•5•Pa (g/m²•h•mmHg)
Working Temperature	Up to 120ºC

SGS



SGS

SCAN FOR FULL RESULT

DSP Insulation

Produk ini dibuat secara khusus dengan kualitas dan detail yang tinggi, untuk memenuhi kebutuhan insulasi dalam rangka mengurangi konsumsi energi dan mencegah kondensasi serta korosi. Tersedia dalam 2 pilihan ketebalan (0.75 inch (3/4 inch) & 1 inch).

This product is specially made with high quality and detail, to meet the needs of insulation in order to reduce energy consumption and prevent condensation and corrosion. Available in 2 thickness options (0.75 inch (3/4 inch) & 1 inch).

PRODUK INSULASI KETEBALAN 0,75 INCH (3/4 INCH)
PRODUCT INSULATION THICKNESS 0.75 INCH (3/4 INCH)

Model		INS1-1/4-0.75	INS1-3/8-0.75	INS1-1/2-0.75	INS1-5/8-0.75	INS1-3/4-0.75
Diameter	inch	1/4	3/8	1/2	5/8	3/4
Insulation Thickness	inch	3/4	3/4	3/4	3/4	3/4
Insulation Length	m	1,8	1,8	1,8	1,8	1,8

PRODUK INSULASI KETEBALAN 1 INCH
PRODUCT INSULATION THICKNESS 1 INCH

Model		INS1-7/8-1.0	INS1-1-1.0	INS1-11/8-1.0	INS1-1 3/8-1.0	INS1-1 5/8-1.0
Diameter	inch	7/8	1	1 1/8	1 3/8	1 5/8
Insulation Thickness	inch	1.00	1.00	1.00	1.00	1.00
Insulation Length	m	1,8	1,8	1,8	1,8	1,8

SPESIFIKASI / *SPECIFICATION*

Average Physical Properties	Rating	Test Method
Density	60 kg/m' to 80 kg/m'	ASTM D1667
Temperature Limit	-40'C to +105'C	
Water Vapour Resistance u Factor	> 5000	DIN 52615 - 73
Average Fire Propagation	Class 0	BS 476 Part 6
Average Surface Spread of Flame	Class 1	BS 476 Part 7
Average Time of Burning	Less than 5 seconds	ASTM D635 - 91
Reaction To Fire	V-0, 5VA, HF-1, Self-Extinguishing, No Dripping	UL 94

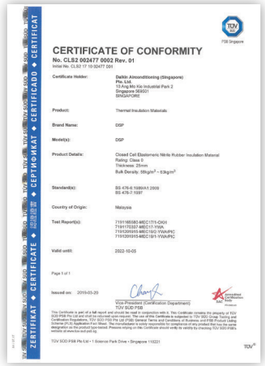
CERTIFICATION



SGBC



TUV (Fire Test)



TUV (Insulation Test)

PIPA AUB PAIR COIL 0.66
AUB PAIR COIL PIPE 0.66

Pipa AUB 0.66 merupakan produk baru aksesoris Daikin berupa Pipa Pair Coil yang menggunakan busa polietilen sel tertutup berlapis ganda dan pipa tembaga yang berkualitas. Sehingga memudahkan para teknisi profesional untuk memasang pipa dengan nyaman dan efisien tinggi. Pipa lebih mudah ditekuk. lebih mudah di flaring dan efisien untuk pemasangan AC Split.

AUB 0.66 pipe is a new Daikin accessory product in the form of a Pair Coil Pipe. It uses double-layered closed-cell polyethylene foam and high-quality copper tubing. This makes it easier for professional technicians to install the pipe comfortably and efficiently. The pipe is easier to bend, easier to flare, and more efficient for split AC installation.



BENEFIT

- Pipa tembaga berkualitas
  Good Quality Cooper Pipe
- Mempunyai 3 lapisan insulasi
  3 Layers of Insulastion
- Flexibel, mudah ditekuk
  Flexible and Easy to bend
- Sangat efisien untuk pemasangan AC Split
  More efficient for AC Split Installation

PRODUCT LINE UP

Model	unit	AUB-PC1	AUB-PC2	AUB-PC3
Diameter	mm	6,4 - 9,5	6,4 - 12,7	6,4 - 15,9
	inch	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8
Pipe Thickness	mm	0,66 - 0,66	0,66 - 0,66	0,66 - 0,66
Insulation Thickness	mm	10	10	10
Pipe & Insulation Length	m	30	30	30

SAFETY WORKING PRESSURE

COPPER TUBE SAFEWORKING PRESSURE	
Copper Tube Dimensions Metric	≤100℃ (Mpa)
6.35 x 0.66	9.34
9.52 x 0.66	6.05
12.7 x 0.66	4.47
15.88 x 0.66	3.54
INSULATION PROPERTIES	
Material	Highly flexible paired, cross linked, closed cell polyethylene
Thermal Conducitivity(W/(m-K))	0.031
Tensile Strength(N/cm^2	44
Water Absorption(g/100cm^2	0.2
Thickness Shrinkage (%)	2.3 (120℃±5℃)
Coenfficient of moisture permeability (ng/(m2-s-Pa)	4
Working Temperature	from -40 to 120

RIIFO Air-Conditioning Piping System

ES ICC EVALUATION SERVICE®

SUCOFINDO

TÜVRheinland CERTIFIED

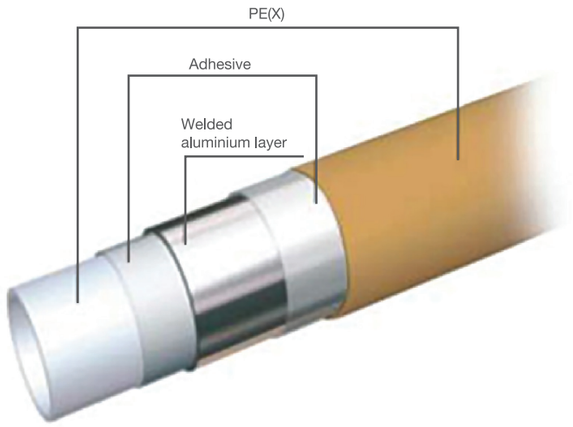
ISO 9001:2015
Certificate Register:
01100009308



PIPA MULTILAYER AC RIIFO
MULTILAYER PIPE RIIFO

Pipa Multilayer RIIFO adalah Pipa komposit lima lapis yang menggabungkan keunggulan plastic dan alumunium. Pipa ini meminimkan kondensasi.

RIIFO Multilayer Pipe is a five-layer composite pipe that combines the advantages of plastic and aluminum. This pipe minimizes condensation.



R22, R410A, and R32
Temp range = -40°C ~ 60°C
Pmax = 3.8 mpa (551 psi)

Berikut keunggulan Pipa Multilayer RIIFO:
There's the Benefit for Multilayer Pipe RIIFO:

PEMASANGAN MUDAH / *EASY INSTALLATION*

Memudahkan proses instalasi dijalur yang sulit terjangkau sekalipun dan meminimalkan resiko pipa tertekuk.

Facilitates the installation process even in hard-to-reach areas and minimizes the risk of pipes bending.

TAHAN KOROSI / *CORROSION RESISTANT*

Teknologi multilayer memberikan perlindungan terhadap masalah korosi yang diakibatkan oleh alam dan kondensasi.

Multilayer technology provides protection against corrosion problems caused by nature and condensation.

KONDENSASI RENDAH / *LOW CONDENSATION*

Terbuat dari PEX-AL-PEX yang meminimalkan terjadinya kondensasi permukaan pipa.

Made from PEX-AL-PEX which minimizes condensation on the pipe surface.



MULTI LAYER PANCAKE PIPE

Model	Unit	R0712	R0912	R1216	R1620
Diameter	mm	6.4	9.5	12.7	15.9
	inch	1/4	3/8	1/2	5/8
Pipe Thickness	mm	2.5	1.5	2	2
Pipe Length	m	50	50	50	50



MULTI LAYER PAIR COIL PIPE

Nomor Model	Satuan	RPC001	RPC002	RPC004
Diameter	mm	6,4 - 9,5	6,4 - 12,7	9,5 - 15,9
	inch	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
Pipe Thickness	mm	2.5 - 1.5	2.5 - 2	1.5 - 2
Pipe & Insulation Length	m	30	30	30
Insulation Thickness	mm	8	8	8

SPECIFICATION

Note: 1 Mpa = 145psi = 10 bar

Model	Type	Diameter		Thickness (mm)	Length (M)	Working Pressure (Psi)	Working Temprature (◦C)
		Inch	mm				
R0712	Pancake	1/4	6.4	2.5	50	551	-40 - 60
R0912		3/8	9.5	1.5	50	551	-40 - 60
R1216		1/2	12.7	2	50	551	-40 - 60
R1620		5/8	15.9	2	50	551	-40 - 60
RPC001	Paircoil	1/4 + 3/8	6.4-9.5	2.5 - 1.5	30	551	-40 - 60
RPC002		1/4 + 1/2	6.4-12.7	2.5 - 2	30	551	-40 - 60
RPC004		3/8 + 5/8	9.5-15.9	1.5 - 2	30	551	-40 - 60

REAMER

Alat pemasangan pipa beveling dan pembulatan untuk mendukung pemasangan pipa multilayer RIIFO.

Tools for Beveling and rounding pipe installation to support RIIFO multilayer pipe installation.



Multilayer Reamer
For 1/4 - 3/8
Material Number:
RRD0712



Multilayer Reamer
For 3/8 - 1/2 - 5/8
Material Number:
RRD0912

BRASS FITTING (CONNECTOR)

Brass fitting adalah bagian penting dari instalasi pemipaan yang berfungsi sebagai penyambung antar pipa maupun benda yang digunakan untuk menyambung dua buah atau lebih, dan sebagai bagian akhir pemipaan.

Brass fittings are an important part of piping installations that function as connectors between pipes or objects used to connect two or more pipes, and as the final part of piping.



Part No	Type	Size (inch)
RF0712	Brass Fitting Connector to Unit	1/4
RF0912		3/8
RF1216		1/2
RF1620		5/8
RF1S0912	Brass Fitting Connector to Pipe	1/4 or 3/8
RF1S1216		1/2
RF1S1620		5/8
RF1D1216		1/2 & 3/8
RF1D1620		5/8 & 1/2

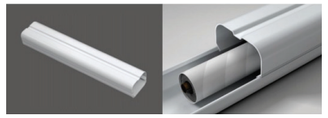
PROTECTIVE PIPA

Protective Pipa RIIFO menggunakan bahan baku PVC berkualitas tinggi sehingga memberikan perlindungan efektif pada pipa AC. Design penyambungan modular yang baik, dapat memudahkan pemasangan serta sambungan yang tertutup dapat mencegah masuknya udara, kebisingan dan kerusakan karna hama, juga memberikan hasil akhir yang bersih, rapih dan mewah pada ruangan.

RIIFO's protective pipes are made from high-quality PVC, providing effective protection for air conditioning pipes. The modular connection design simplifies installation, and the sealed joints prevent air ingress, noise, and pest damage. They also provide a clean, tidy, and luxurious finish to the room.

PERFORMANCE PARAMETER			
Characterictic	Testing Method	Unit	Value/range
Vicat softening point (method 860)	ISO 306	^{0}C	80
Thermal conductivity (20^{0}C)	ISO 8302	W/mk	~0.17
Material grade	DIN EN 13501-1		E
Linear expansion coefficient	ISO 11359	K-1	0.8*10-4
Specific heat capacity	ISO 11357	KJ/kgK	~1.05
Material performance description, measured at 23^{0}C			
Characterictic	Testing Method	Unit	Value/range
Density	ISO 1183	g/cm^3	1.80 $\pm$ 0.02
Tensile strength	ISO 527	N/mm^2	$\geq$ 15
Elongation at break	ISO 527	%	$\geq$ 15
Bending strength	ISO 527	N/mm^2	$\geq$ 5
Impact strenght 0^{0}C	ISO 179^{-1} 1eU	KJ/m^2	Not broken
Impact strenght 20^{0}C	ISO 179^{-1} 1eU	KJ/m^2	Not broken
Notched impact strenght	ISO 179^{-1} 1eA	KJ/m^2	$\geq$ 1
Elastic Modulus	ISO 178	N/mm^2	>200
Shore D hardness	DIN 53606		81 $\pm$ 3

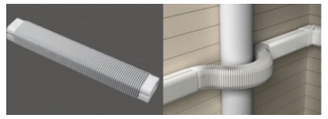
PROTEKTIF PIPA SISTEM KOMPONEN
PROTECTIVE PIPE SYSTEM COMPONENTS



PROTECTIVE PIPE

Digunakan secara efektif untuk melindungi pipa AC.
Used effectively to protect AC pipes.

RPS001



UNIVERSAL STRAIGHT PIPE

Digunakan sebagai penghubung multi sudut.
Used as a multi-angle connector.

RPS002



STRAIGHT COUPLING

Digunakan untuk ekstensi dan sambungan pipa proteksi.
Used for extension and connection of protection pipes.

RPS003



90^0 ELBOW

Digunakan untuk sudut dinding vertikal dan dapat diputar 90^0.
Used for vertical wall corners and can be rotated 90^0.

RPS004



ENTRY WALL COVER

Digunakan untuk koneksi lubang jalur pipa didalam dan luar tembok.
Used for pipe line hole connections inside and outside walls.

RPS005



90^0 FLAT ELBOW

Untuk menghubung dan mengarahkan pipa pada dinding datar.
To connect and direct pipes on flat walls.

RPS006



REDUCER END CAP

Digunakan untuk koneksi akhir antara AC dan Protective Pipa.
Used for final connection between AC and Protective Pipe.

RPS007



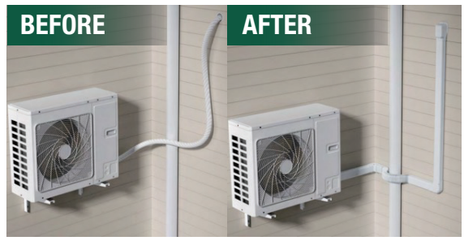
90^0 ENTRY WALL COVER

Instalasi dan koneksi sudut 90^0 antar lubang AC dan dinding luar.
Installation and connection of 90^0 angle between AC outlet and outer wall.

RPS008

BEFORE AFTER INSTALLATION





RIIFO Air-Conditioning Piping System | ES ICC EVALUATION SERVICE® | SUCOFINDO

CARA PEMASANGAN PROTEKTIF PIPA
HOW TO INSTALL PROTECTIVE PIPES



Gunakan alat ukur untuk mengukur Panjang Pipa AC

Use a measuring tool to measure the length of the AC pipe.



Tentukan jarak, posisi titik koneksi pemasangan pipa.

Determine the distance, position of the connection points for installing pipes.



Periksa apakah pipanya sejajar dengan posisi yang ditandai sebelumnya, jika sudah sesuai, mulai instalasi, jika tidak, tentukan ulang posisi.

Check whether the pipe is aligned with the previously marked position, if it is, start the installation, if not, re-determine the position.



Pasang dan tempatkan pipa ac kedalam protektif pipa.

Install and place the AC pipe into the pipe protector.



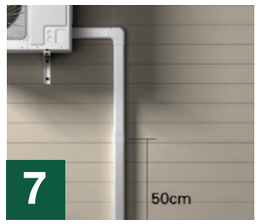
Sambungkan penutup protektif untuk melindungi pipa.

Connect the protective cover to protect the pipe.



Rapihkan posisi protektif pipa lalu periksa apakah ada listrik atau kawat didalam tembok untuk menghindari kerusakan selama pengeboran.

Tidy up the position of the protective pipe and then check whether there is electricity or wires in the wall to avoid damage during drilling.



Jarak antara titik awal dan titik akhir tidak boleh melebihi 50 cm, untuk mencegah protective pipa melengkung dan berubah bentuk.

The distance between the starting point and the ending point should not exceed 50 cm, to prevent the protective pipe from bending and changing shape.



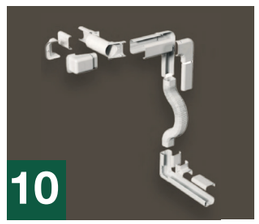
Saat pemasangan terjadi hambatan, maka kopling fleksibel harus digunakan untuk sambungan.

When installation encounters obstacles, flexible couplings must be used for connection.



Untuk menghindari patah pada protective pipa yang terjadi selama pemasangan, maka dilakukan secara perlahan dan hati-hati.

To avoid breaking the protective pipe during installation, do it slowly and carefully.



Gambar keseluruhan pemasangan.

Overall installation picture.

AAF FILTER



Filter dengan kualitas terbaik untuk solusi udara bersih yang komprehensif yang dapat digunakan untuk semua jenis dan ukuran AC rumah tangga maupun industri. Produk-produk ini dirancang untuk memenuhi tuntutan tertinggi dan kebutuhan modern.

The highest-quality filters for comprehensive clean air solutions suitable for all types and sizes of domestic and industrial air conditioners. These products are designed to meet the highest demands and modern needs.



SAKURA FILTER



Mengapa Harus Menggunakan Tasco Tools?
Why Use Tasco Tools?

Tasco memiliki pengalaman 45 tahun dalam bidang tata udara khususnya penyediaan alat instalasi AC yang berkualitas di Jepang. Saat ini Tasco sudah memperluas dan mengembangkan bisnisnya hingga keseluruh negara dengan design asli dari Jepang. Untuk menjaga kualitas di setiap pekerjaan instalasi PT. Daikin Airconditioning Indonesia.

Tasco has 45 years of experience in the air conditioning field, specifically providing quality air conditioning installation equipment in Japan. Currently, Tasco has expanded and developed its business throughout the country with original designs from Japan. To maintain good quality in every installation job PT. Daikin Airconditioning Indonesia.

PENGUKUR TEKANAN DIGITAL / *DIGITAL VACUUM GAUGE*



Pengukur Tekanan Digital
Digital Vacuum Gauge

Digital Vacuum Gauge (Head Only)



Material Number TAS0004
TA123DZ-EXP

Material Number:
TAS0003
TA123DZ-1-EXP

Alat ini dapat menampilkan saturasi suhu (R410A, R32,dll) dan memiliki lampu latar.

This tool can display temperature saturation (R410A, R32, etc.) and has a backlight.

PENGUKUR TEKANAN ANALOG / *GAUGE MANIFOLD*

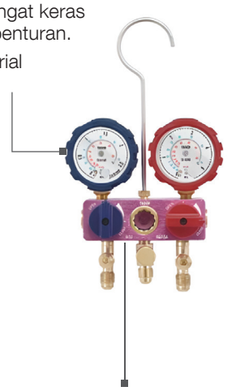
Dibuat dari bahan yang sangat keras sehingga tahan terhadap benturan.

Made from very hard material so it is impact resistant.



Video Produk

Material Number:
TA122ME-1-EXP
Lengkap dengan selang
With hose



Material Number:
TAS0002/TA122MB-EXP
Tanpa Selang
With no hose

KARET KATUP PENGISIAN / *GASKET FOR CHARGING HOSE*



Material Number:
TAS0007
TA133AFP

KATUP PENGISIAN / *CHARGING VALVE*



Cara Menggunakan (*How to use*):
1. Kencangkan (Buka) / *Tighten (Open)*
   Buka Katup dengan menekan putaran katup
   Open the valve by pressing the valve knob
2. Kendurkan (Tutup) / *Loosen (Close)*
   Tutup katup dengan mengendurkan putaran katup
   Close the valve by loosening the valve turn

Material Number:
TA166ZA

Alat Vakum
(Vacuum Pump)

TASCO Daikin Tools

Pompa Vakum Dua Tahap
Ultra Mini Two Stage Vacuum Pump

Dengan menggunakan metode dua tahap membuat kinerja pompa lebih bertenaga dan optimal. Keuntungan lainnya adalah dapat merotasi dan mengambil udara dengan mulus dan tidak ada tekanan di rotor.

By using the two-stage method, the pump performance becomes more powerful and optimal. Another advantage is that it can rotate and take air smoothly and there is no pressure on the rotor.

Video Produk



Material Number:
TAS0012
TA150SW-EXP
TA150SW-EXP-C

Pompa Vakum VRV
VRV Vacuum Pump

Sangat Kuat / *More Strength*

Pompa ini memiliki kecepatan hisap dan buang sampai dengan 252/Liter/menit. Alat ini dapat digunakan untuk AC besar seperti VRV, sehingga mempercepat setiap pekerjaan, khususnya instalasi maupun perbaikan AC.

This pump has a suction and discharge rate of up to 252 liters per minute. It can be used for large air conditioners such as VRVs, speeding up any work, especially installation and repair.



Material Number:
TA150XL-EXP-C

Semua pompa vakum Tasco diperiksa sebelum pengiriman sehingga kualitasnya sangat baik dan terjamin.
All Tasco vacuum pumps are inspected before shipping so the quality is excellent and guaranteed.



Alat Pemipaan *(Piping Tools)*

Alat Pembengkok Pipa
7 In 1 Multi Bender Kit

Sangat Mudah Digunakan *(Easy to Use)*

Dapat membengkokan pipa tanpa menggunakan listrik sampai dengan ukuran pipa 1/4“ ~ 3/4“ (Pancake Pipa 6.7~19.1 mm). Terbuat dari bahan berkualitas dan mudah digunakan.

Can bend pipes without using electricity up to 1/4" ~ 3/4" pipe size (Pancake Pipe 6.7~19.1 mm). Made of quality materials and easy to use.

Material Number:
TA512PR



Kunci Torsi Dengan Presisi Tinggi
High Precision Torque Wrench

Kunci Torsi dengan bahan material yang sangat keras dan berkualitas, dan dilakukan test dalam setiap pembuatannya.
Torque wrench made of very hard and high quality materials, and is tested in every manufacture.

R410A R32 **Kunci Torsi *(Torque Wrench)***

Material Code		Size	Cal x Torsi [N/m] (Kgf/cm)
TAS0035	TA771B	1/4	17 x 17.2 (180)
TAS0036	TA771H	3/8	22 x 39.9 (420)
TAS0047	TA771L-2	1/2	26 x 53.9 (550)
TAS0048	TA771R-2	5/8	29 x 75.0 (765)
TAS0049	TA771S-2	3/4	36 x 120.0 (1122)
TAS0300	TA771WT-23	1/4 & 3/8	17 x 17.2 (180)-22 x 39.9 (420)

Video Produk



Kunci Torsi 3/4 R410A
Material Number:
TAS0049
TA771S-2



Torque Wrench 1/4
Material Number:
TAS0035
TA771B



Torque Wrench 3/8
Material Number:
TAS0036
TA771H



Torque Wrench 1/4 R410A
Material Number:
TAS0047
TA771L-2



Torque Wrench 5/8 R410A
Material Number:
TAS0048
TA771R-2



Torque wrench - **TAS0300/ TA771WT-23**
Wrench Size : 17-22mm,
Torque N-m : 17.2 - 39.9N-m

Alat Pemotong & Flaring *(Cutting & Flaring Tools)*

Alat Flaring *(Flaring Tools)*

Mudah Digunakan *(Easy to Use)*

Memudahkan dalam pekerjaan instalasi. Tekan dan putar ke kanan untuk memajukan ukuran. Tarik dan putar ke kiri untuk mengembalikan ke posisi semula (seperti gambah dibawah).

Makes installation easier. Press and rotate to the right to move the size forward. Pull and rotate to the left to return to its original position (as shown below).



Video Produk



Quick Handle Flaring Tool
Material Number:
TA550HB



Reamer Dua Sisi *(Both Side)*
Material Number:
TA530E

Pisau Pemotong *(Tube Cutter)*

Sangat Tajam & Kuat *(Sharp & Strength)*

Pisau pemotong yang sangat tajam dan memiliki bahan yang sangat keras sehingga hasil pemotongan yang sempurna.

Tube Cutter is very sharp and has very hard material so that the cutting results are perfect.





Hasil Pemotongan
(Cutting Result)

Reamer
Material Number:
TAS0030
TA520AB



Video Produk

Alat untuk mengukur hasil flaring yang akurat.
Tools for measuring accurate flaring results.



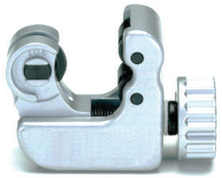
Alat Ukur Flaring
(Flare Size Gauge)
Material Number:
TAS0033
TA504SG
TA504SG-DK

Pemotong Pipa uk. L
(Tube Cutter)
Material Number:
TAS0123
TA560A





Pisau Pengganti untuk
Pemotong Pipa uk. L (Isi 5 Pcs)
Replace Blade
for Tube Cutter (Qty: 5)
Material Number:
TA560A-1



Pemotong Pipa ukuran S
(Mini Tube Cutter)
Material Number:
TA560NT

Pemotong Pipa untuk ukuran kecil yang sangat praktis.
Mini tube cutter that very easy to use.

Original from Japan
Daikin Tools

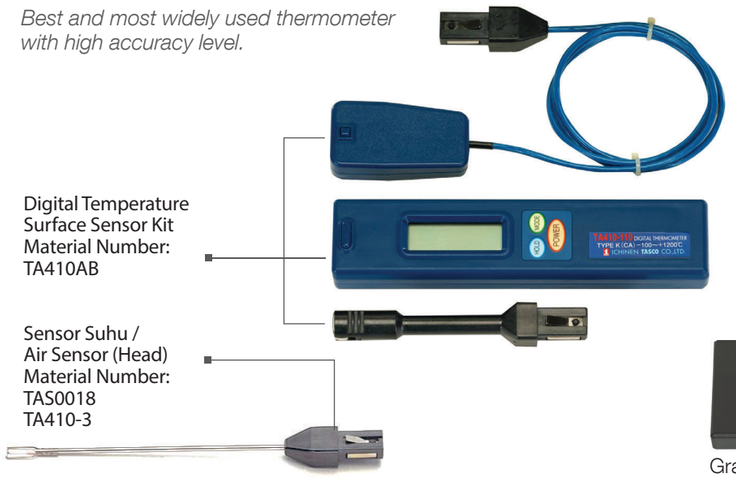
Alat Pengukur Suhu
(Temprature Measuring Tools)

Thermometer

Akurat yang tinggi *(High Accuracy)*

Thermometer dengan tingkat akurasi tinggi terbaik dan paling banyak digunakan.

Best and most widely used thermometer with high accuracy level.



Digital Temperature Surface Sensor Kit
Material Number:
TA410AB

Sensor Suhu / Air Sensor (Head)
Material Number:
TAS0018
TA410-3

Sensor Dengan Akurasi Tinggi Dan Cepat
High Accuracy And Fast Sensor

Memiliki bermacam sensor untuk memenuhi kebutuhan pekerjaan. Koneksinya dibuat khusus untuk sensor yang dapat langsung dihubungkan dan menggunakan ekstension kabel.

It has a variety of sensors to meet your work needs. Its connections are specifically designed for direct-connection and cable extensions.

Praktis Dan Mudah Digunakan
Practical And Easy To Use

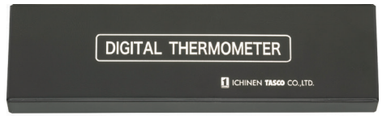
Nyaman digunakan, mudah dipakai, hanya menggunakan satu tangan.

Comfortable to use, easy to use, just use one hand.

Anti Air *(Waterproof)*

Produk ini dibuat anti air untuk melindungi termometer, sehingga dapat dipakai ditempat yang dapat terkena air.

This product is made waterproof to protect the thermometer, so it can be used in places that can be exposed to water.



Gratis box penyimpanan / *Free storage box*

Alat Pendeteksi Kebocoran
Leak Detector

Mudah Digunakan *(Easy to Use)*

Mempermudah proses pemeriksaan kebocoran gas pada semua instalasi pemipaan dengan sensor yang berakurasi tinggi serta dilengkapi dengan 6 LED indicator.

Simplifies the process of checking for gas leaks in all piping installations with a high-accuracy sensor and is equipped with 6 LED indicators.



Pendeteksi Kebocoran
Leak Detector
Material Number:
TAS0039
TA430MB

Dapat digunakan untuk Refrigerant jenis baru *(Can be used for new types of refrigerant)*

NEW REFRIGERANT	CHARACTERISTICS	PROBLEM	SOLUTION
R407C R507	High Pressure COMPOSED OF SMALL MOLECULES HCFC (CONVENTIONAL) HCFC (NEW) NON-CHLORINATED	Rawan Bocor, Chlorine terdeteksi *Leak Troubled*	Butuh pendeteksi kebocoran yang dapat mendeteksi elemen kecuali chlorine. *Need a leak detector that can detect elements other than chlorine.*

Alat Pengukur Kelistrikan
(Electrical Measuring Instrument)

Pengukuran Akurat
Accurate Measurement

Mega Tester

Berfungsi untuk mengukur ketahanan isolasi secara akurat sehingga menghindari kebocoran listrik.

Functions to measure insulation resistance accurately so as to avoid electrical leakage.



Mega Tester
Material Number:
TAS0025
TA453PD

Multi Tester Digital

Alat ini berfungsi untuk mengukur tegangan (voltmeter), hambatan (ohm-meter), maupun arus (amperemeter) dengan akurasi yang sangat tinggi serta dapat menggunakan metode pemeriksaan menggunakan penjepit sehingga lebih muda digunakan.

This tool is used to measure voltage (voltmeter), resistance (ohm-meter), and current (amperemeter) with very high accuracy and can use the inspection method using clamps so it is easier to use.



Multi Tester Digital
Material Number:
TAS0021
TA452EJ

Tang Amper *(Digital Clamp Meter)*

Digunakan untuk mengukur arus listrik dengan tombol on/off secara otomatis, serta dilengkapi dengan alarm dan juga dapat menggunakan metode jepit sehingga lebih mudah digunakan.

Used to measure electric current with an on/off button automatically, and is equipped with an alarm and can also use a clamp method so it is easier to use.



Tang Amper
(Digital Clamp Meter)
Material Number:
TAS0023
TA451D-2

Analog Multi Tester

Perangkat ini berguna untuk mengukur tegangan (voltmeter) dan hambatan (ohm-meter), dengan ketepatan yang sangat tinggi dan mudah digunakan.

This device is useful for measuring voltage (voltmeter) and resistance (ohm-meter), with very high accuracy and easy to use.



Analog Multi Tester
Material Number:
TAS0046
TAS0181
TA452CB-2-E

Phase Checker

Berfungsi untuk mengetahui keadaan putaran listrik secara tepat dan dipakai untuk listrik 3 phase.

Functions to determine the exact state of the electric rotation and is used for 3-phase electricity.



Phase Checker
Material Number:
TAS0026
TAS0196
TA456MJ-E

Timbangan Digital *(Digital Refrigerant Scale)*

Digunakan untuk mengukur berat refrigerant dan material lainnya, dengan tepat dan akurat, serta mudah dalam perawatan dan penggunaannya.

Used to measure the weight of refrigerant and other materials, precisely and accurately, and is easy to maintain and use.



Timbangan Digital
(Digital Refrigerant Scale)
Material Number:
TAS0015
TA101CB

Tools Specification



Small Gauge Manifold With Hose TA122ME-1-EXP

Diameter Gauge 52mm
Joint Size 5/16
Normal Pressure 750 PSI
Saturation Temperature Scale for R410a/R32
has an adjustment function



Small Gauge Manifold With No Hose TAS0002

Diameter Gauge 52mm
Joint Size 5/16
Normal Pressure 750 PSI
Saturation Temperature Scale for R410a/R32
has an adjustment function



Digital Vacuum Gauge TAS0003/TA123DZ-1-EXP

Has a refrigerant temperature saturation display
Battery 3V Lithium
Power off automatic in 10 minutes
has a backlight function



Digital Vacuum Gauge Head Only TAS0004

Has a refrigerant temperature saturation display
Battery 3V Lithium
Power off automatic in 10 minutes
has a backlight function



Digital Refrigerant Scale TAS0015/TA101CB

Filling Precision: 5 g
installation dimensions 23 x 23 cm
Power Supply: DC9V (006p battery), AC100V adapter
Size: 39,5 x 28,5 x 6,5 cm



Charging Valve TA166ZA

Connection Size 5/6 (Male & Female)
Resistant to refrigerant heat
Pprevent gas leakage from the end of the hose
Makes it easier to open and close the valve



VRV Vacuum Pump TA150XL-EXP-C

Type Rotor: 2 Stage
Transfer Capacity: 8.9 CFM (252L/Min)
Vacuum Capacity: 15 Micron (220-240V)
Lap/Minutes: 2.880 Rpm
Oil Capacity: 640 Ml
Size: 38 x 16 x 28,5 cm (14.8 Kg)



Ultra Mini Two Stage Vacuum Pump TAS0012/TA150SW-EXP-C/TA150SW-EXP

Type Rotor: 2 Stage
Transfer Capacity: 1.4 CFM (40L/Min)
Vacuum Capacity: 38 Micron (220v,200W)
Lap/Minutes: 3.200 Rpm
Oil Capacity: 140 Ml
Size: 10 x 26 x 17 cm (4.3 Kg) include adapter



Quick Handle Flaring Tool TA550HB

For Size 1/4-3/4



Gasket For Charging Hose TAS0007 / TA133AFP

Qty: 6 Horses : 1/4" made of HNBR



Tube Cutter TAS0123 / TA560A

Cutter for size 3-32 mm
Pipe thickness maximum size: 3mm



Mini Tube Cutter TAS0028 / TA560NT

Cutter for pipe size 3/16 ~ 1 1/4
Pipe thickness maximum size less than 3mm



Reamer Both Side TAS0125 / TA530E

For Pipe Size 1/8 – 1 ½
(3 until 36mm)



Digital Temperature Surface Sensor Kit TA410AB

Measurement Capacity -50° ~ 1.200°C
Measuring Distance -50° ~ +200°C
Indication Precision: error distance (0,5% rdg +1 dig)
Coefisien Temprature (+0.04% of FS/C)
Siklus sampling: 3 times/second
Battery Life >100 Hours (006p)



Flare Size Gauge TAS0033/TA504SG-DK/TA504SG

For 1/4", 3/8", 1/2", 5/8", 3/4"
Dimension : 50 x 112 mm



Leak Detector TAS0039/TA430MB

Type Refrigerant: R410A, R407, R404, R134, R22, R32 etc.
Sensitivity: 3g/yr (Hi), 20g/yr (Mid) & 40g/yr (Lo) R410A
Alarm detection: Buzzing with 7 level LED Color
Heating Time: 45 Second
Working Temprature: 0~40° C, Hum >80%
Battery: C-Cell x 2 Adaptor
Size: 22,2 x 66 x 51 cm (Include Hard Packaging)



Digital Clamp Meter - TA451D-2

Detection Type: RMS
Decomposition Power: 0.01 Ma
Clamp Diameter: Max 40mm
Frequence Response: 20 ~ 1Khz
Power: AC 300V
Battery: AAA R03 1.5V
Size & Weight: 185 x 81 x 32 - 270g



Mega Tester - TAS00025

Kapasitas : 125V, 250V, 500V
Skala Aktivasi : 0.02-0.1M ~ 50-100M
ACV : 600 V (sine wave AC50-60Hz), DCV : 60 V
Battery & Size : 9v x 1 - 9,9 x 43 x 14,4mm
Weight : approx 310g
Battery : AAA R03 1.5V



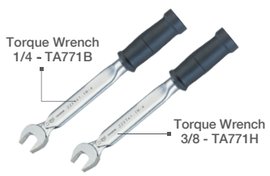
Multi Tester Digital - TA452EJ

DC Volt : 340 Mv / 3.4/34/340/600 V
AC Volt : 3.4/34/340/600 V
Resisteni : 340Ω/3.4K/340k/3.4M/34M Ω
Frekwensi : (Current) 3.4 k / 10 kHz (voltage) 3.4 k / 34 k / 300 kHz
Batteries : AAA batteries R 03 (1.5 V) x 2 - W 87 x D 21 x H 128 mm . about 210 g



Multi Tester Analog - TAS00046

DC Volt : 0.3/3/12/30/120/600 V
AC Volt : 12/30/120/300/600 V
DC : 60µs dan 30 m / 300 Ma
Resisteni Isolasi : Low Voltage up to 200 MΩ
Ukuran Kapasitor :0.01µs to 1.000µs







Phase Checker TAS0026/TAS0196/TA456MJ-E

Voltage Spesification: 3 Fase, 200 until 480 VAC
Sustainable Use Time: 200V/60 Minutes, 480V/4 Minutes
Frequence Range: 20-400Hz
Withstand voltage: AC4000C / 1 Minutes



Pembengkok Pipa (7 In 1 Multi Bender Kit) TA512PR

For Pipe Size: 1/4 ~ 7/8 (6.35 ~ 22.23mm)
Pancake Pipe



Reamer - TAS0030/TA520AB

Digunakan untuk merapihkan sisa pemotongan pipa, dapat digunakan untuk bahan alumunium, tembaga kuningan, metal & plastik.
Used to tidy up the remaining pipe pieces, can be used for aluminum, copper, brass, metal & plastic materials.



Sensor Suhu (Air Sensor) - TAS0018/TA410-3

Sensor size distance -50°C ~ +200 °C



Torque Wrench - TA771S-2

Flarenut : 3/4", Wrench Size 36 mm,
Torque N-m : 120.0, Lenghth : 403mm



Torque Wrench - TAS0300

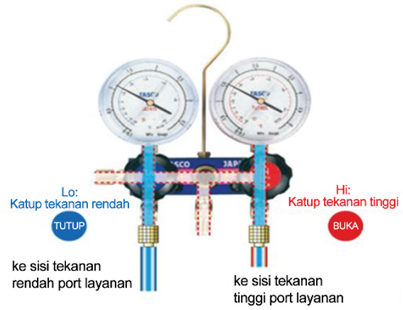
Wrench Size : 17-22 mm,
Torque n-m : 17.2 - 39.9N-m

CARA MENGGUNAKAN GAUGE MANIFOLD

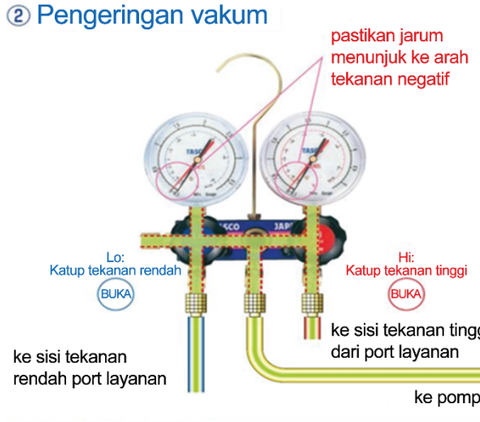
Cara menggunakan gauge manifold

① Mengukur tekanan berjalan unit.

Warna dalam ilustrasi berarti:
(warna hijau) menunjukkan proses vakum di sirkuit
(warna biru) menunjukkan aliran refrigeran di sirkuit



② Pengeringan vakum



③ Tes kedap udara

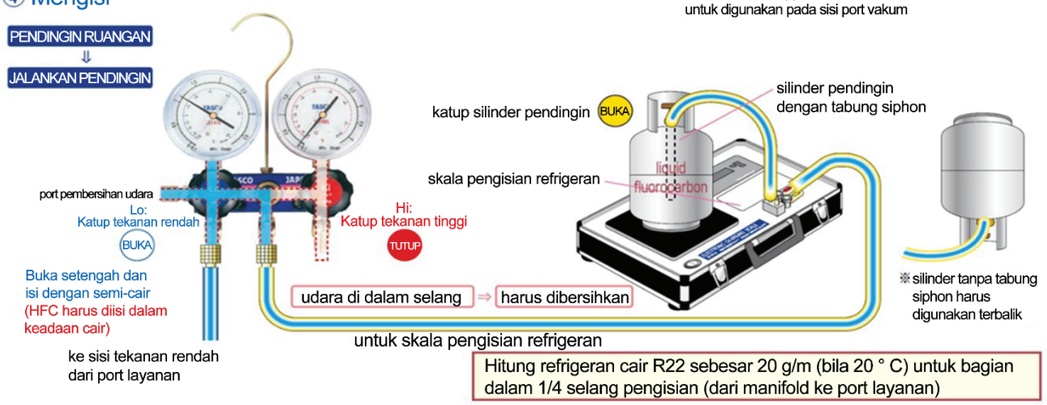
Hi : Katup tekanan tinggi TUTUP ※pompa vakum berhenti
Lo : Katup tekanan rendah TUTUP

biarkan 5-10 menit

Pastikan jarum pengukur tidak kembali ke sisi "0"
(mis. pastikan tidak ada kebocoran)
※Untuk akurasi tinggi, kami merekomendasikan TA142E untuk digunakan pada sisi port vakum

④ Mengisi

PENDINGIN RUANGAN
⇩
JALANKAN PENDINGIN

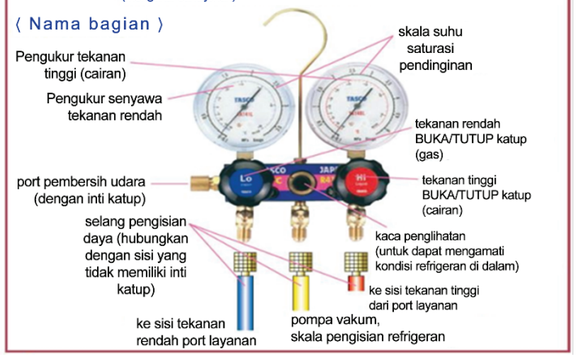


Hitung refrigeran cair R22 sebesar 20 g/m (bila 20 ° C) untuk bagian dalam 1/4 selang pengisian (dari manifold ke port layanan)

Nama dan fungsi gauge manifold

〈 Fungsi 〉
- untuk mengganti aliran refrigeran selama menyedot debu, mengisi = BUKA / TUTUP katup
- untuk menilai kondisi unit = dengan mengukur tekanan (mengukur suhu jenuh)

〈 Nama bagian 〉



Panduan untuk menentukan elemen kegagalan unit

Periksa barang	Pendingin udara		Pemanas		Contoh kegagalan
	Tekanan uap	Arus bekerja	Tekanan cairan	Arus bekerja	
Hasil Tes	TINGGI	TINGGI	RENDAH	RENDAH	Obstruksi pembuangan panas karena kotoran atau korsleting
	TINGGI	RENDAH	TINGGI	RENDAH	Kegagalan penutup sakelar dari katup empat arah
	TINGGI	RENDAH	TINGGI	TINGGI	Kegagalan penukar panas ruangan, pembuangan panas / endotermik
	RENDAH	RENDAH	RENDAH	RENDAH	Menyumbat siklus refrigeran, tidak cukup gas

※Tekanan, nilai arus unit, zat pendingin berbeda menurut kondisi.
Silakan periksa manual pengguna pabrik

Material Aksesoris Daikin dapat anda ditemukan di:
You Can Find Daikin accessory materials at:

HEAD OFFICE:
Menara Astra 7th & 8th Floor,
Jl. Jenderal Sudirman Kav. 5-6,
Kel. Karet Tengsin, Kec.Tanah Abang,
Jakarta Pusat, DKI Jakarta - 10220
Telp : 021-8665 6886
Website : www.daikin.co.id

TRAINING CENTER :
Sunter
Daikin NTC
Jl. Indokarya II Blok F6 Papanggo Tanjung Priok 14340 - Jakarta
Telp : 021-650 5030
Fax : 021-651 2229

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www.tuv.com
ID 9105084313

SERVICE CENTER :

Jakarta Selatan
Jl. Ciputat Raya No.16A Pondok Pinang
Kebayoran Lama 12310
Telp : 021-2782 5545
Fax : 021-2782 5546

Samarinda
Jl. Wahid Hasyim II No.8 Sempaja Selatan
Kebayoran Lama 12310 - Kalimantan Timur
Telp : 0541-252 2889
Fax : 0541-252 2859

WORKSHOP:

Banjarmasin
Jl. RK Ilir No. 14 RT 009 RW 001, Kelayan Barat
Banjarmasin Selatan, Kal-Sel
Telp : 0511 3258 969

Lombok
Jl. Sriwijaya No.3 Ruko Blok 6 Sapta Marga
Cakra Negara, Mataram - NTB
Telp : 0370-7843 231

Aceh
Jl. Soekarno Hatta, Kel. Lamreung,
Kec. Darul Imarah Kab. Aceh Besar 23352 - Aceh
Telp : 0651-7318 036

SUB BRANCH:

Padang
Km.12 Bypass No.14, Kel. Sungai Sapih
Kec. Kuranji, Padang 25157 - Sumatera Barat
Telp : 0751-896 2684

Cirebon
Jl. Evakuasi No.9A RT 005 RW 002
Kel. Sunyaragi, Kec. Kesambi
Telp : 0231-8817 512

Jambi
Jl. RB Siagian RT 33 No.52, Tambak Sari
Jambi Selatan 36138 - Jambi
Telp : 0741-3066 790

BRANCH :

Bekasi
CBD Boulevard, Bekasi Town Square Blok J No.6
Margahayu - Bekasi Timur 17113 - Jawa Barat
Telp : 021-2945 0585
Fax : 021-2945 0586

Tangerang
Ruko Jalur Sutera, Jl. Jalur Sutera Kav 29D
No. 36-37 Alam Sutera, Tangerang 15326 - Banten
Telp : 021-5314 1195
Fax : 021-5314 1196

Bandung
Jl. BKR No.23 Regol - Pasirluyu
Bandung 40254 - Jawa Barat
Telp : 022-522 5150
Fax : 022-522 5190

Semarang
Jl. Brigjen Sudiarto No.285 - Pedurungan
Semarang 50191 - Jawa Tengah
Telp : 024-7660 3221
Fax : 024-7660 1538

Yogyakarta
Jl. Raya Magelang No.76 Karangwaru - Tegalrejo
Yogyakarta 55241 - DIY
Telp : 0274-551 321
Fax : 0274-551 071

Surabaya
Jl. Kombes Pol. Moh. Duryat No. 29-31, Tegalsari
Kec. Tegalsari, Kota Surabaya, Jawa Timur
Telp : 031-2971 2098

Denpasar
Jl. Gatot Subroto Barat No.378 - Kel. Ubung
Kec. Denpasar Utara, Kota Denpasar, Bali 80111
Telp : 0361-900 5514 / 18
Fax : 0361-412 694

Makassar
Jl. Veteran Selatan No.455 - Mamajang
Makassar 90315 - Sulawesi Selatam
Telp : 0411-805 2691
Fax : 0411-805 2416

Palembang
Jl. Veteran No. 88/89 Kuto Batu - Ilir Timur II
Palembang 30115 - Sumatera Selatan
Telp : 0711-573 2282
Fax : 0711-372 579

Pekanbaru
Jl. Soekarno Hatta No.3-5 Tangkerang Barat
Marpoyan Damai, Pekanbaru 28282 - Riau
Telp : 0761-561 139
Fax : 0761-561 943

Medan
Jl. H. Adam Malik No.18, Silalas, Medan Barat
Medan 20114 - Sumatera Utara
Telp : 061-4200 8866
Fax : 061-4200 3838

Manado
Jl. Sam Ratulangi No.151, Titiwungen Utara
Manado 95113 - Sulawesi Utara
Telp : 0431-719 1199
Fax : 0431-719 1199

Batam
Komplek Ruko Palm Spring Blok A4 No.12 & 12A
Jl. Raja Haji Fisabilillah, Taman Baloi,
Kec. Batam Kota, Batam, Kepri 29444
Telp : 0778-4171 445
Fax : 0778-4171 632

DCC DAIKIN CONTACT CENTER **0800 1 081 081**

PT DAIKIN AIRCONDITIONING INDONESIA

Notes