

WHY CHOOSE FUJITSU?

NEW ZEALAND'S FAVOURITE AIR®

Fujitsu General is a leading supplier of Heat Pump/Air Conditioners in New Zealand with a portfolio to suit both residential and commercial applications.

We focus all of our research and manufacturing strengths into Heat Pump/Air Conditioners which has resulted in the extensive range of world-class, energy efficient, market-leading systems.

Fujitsu General strives to consistently provide high quality, reliable products accompanied by superior customer service. To be 'New Zealand's Favourite Air ®, means to be the best heating/air conditioning company to deal with in New Zealand, not just a leading heating/air conditioning brand.

That's why we're proud to say we are 'New Zealand's Favourite Air ®'.

PEACE OF MIND

Fujitsu's accreditation programme for installers helps ensure that you'll get the right fit for your unique space. A professional installation is essential for the efficient performance of any Heat Pump. Ask to see their red card!



NEW ZEALANDS LONGEST MANUFACTURER'S WARRANTY

Fujitsu believe in the quality and reliability of every Heat Pump/Air Conditioner we sell.

When you use a Fujitsu accredited installer, you'll get a full 6-year parts and labour warranty

- for the reassurance you need that we stand behind our product for the long term.



STATE OF THE ART RESEARCH AND DEVELOPMENT

Our state of the art research and development centre, located at our headquarters in Japan, is equipped with numerous testing facilities simulating a variety of heating and cooling operating conditions.

PERFORMANCE TESTING UNDERTAKEN INCLUDES:

- Evaluating the units heating and cooling capacity under varied temperature and humidity conditions
- Testing the units air volume and air flow distance
- Measuring the units operating noise
- Evaluating the units durability to withstand outdoor weather extremes.

This rigorous testing is aimed at meeting Fujitsu's high standard of product quality and reliability.





WHY CHOOSE FUJITSU?

AIR FILTERS

Fujitsu's advanced filter systems contribute to a fresher and cleaner living environment. Fujitsu's Catechin filters are approved by the Asthma and Respiratory Foundation NZ's Sensitive Choice® Programme.



The Fujitsu outside unit heat exchanger fins are specially coated with Cobalt Blue - to help protect against corrosion and enhance the durability as well as extend the performance life of your Fujitsu Heat Pump/Air Conditioner.

DC INVERTER TECHNOLOGY

High energy efficiencies are achieved with Fujitsu's twin rotary DC compressor, DC inverter control and DC fan motor technology.

HIGH EFFICIENCY HEAT EXCHANGER

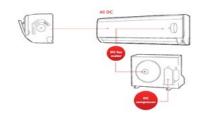
High density multi-path heat exchanger: Heat exchange performance is substantially improved by thin and high density heat exchanger and multi-path efficiency technology.

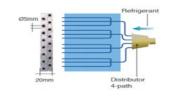
JUST QUIETLY

Using the latest fan technology plus 'quiet mode' means Fujitsu Heat Pumps are very quiet. Compare our decibel noise levels on the chart adjacent.











PERFORMANCE GUARANTEE

We are so confident that you will be delighted with the effectiveness of your new Fujitsu Heat Pump/Air Conditioner that the Heat Pump Installer can offer you a written Performance Guarantee. This is your assurance that the new Heat Pump/Air Conditioner specified for your home will deliver on its promised performance for heating, even when it's freezing outside.



HOW DO YOU GET THE PERFORMANCE GUARANTEE?

Fujitsu heat pump dealers displaying the 'COMFORT SELECTOR' logo on the 'where to buy' page at www.fujitsugeneral.co.nz are equipped to offer the Performance Guarantee.



Fujitsu can guarantee you will get all the heating & cooling you'll need.

THE COMFORT SELECTOR

The comfort selector is a specialist sizing tool that is really helpful when choosing your Heat Pump. It will:

- 1. Assess everything about your home, including its location in New Zealand and your individual heating needs.
- 2. Select the perfect model for you.
- 3. Provide you with:
- Performance Guarantee
- Quotation
- Heat Pump running costs (it will even show you the savings you can make)
- Heat Pump features and benefits

So now you can be sure that your choice will be the best possible Heat Pump for you.

THE REPORT INCLUDES:

- All about your home
- The perfect heat pump for your home
- Running costs (and savings) Heat Pump features and benefits
- Efficient running tips
- Heat Performance Guarantee
- Quotation







DUCTED RANGE

DUCTED RANGE

WHAT IS DUCTED HEATING/AIR CONDITIONING AND HOW DOES IT WORK?

Ducted heating/air conditioning is a solution that allows you to condition multiple rooms or the entire house using just one system.

The indoor unit is usually located in the ceiling or under the floor so it doesn't infringe on the aesthetics of your home.

Conditioned air is circulated via a network of ducts in your ceiling or floor cavity, with outlets in as many or as few rooms as you wish.

The temperature and hours of operation are controlled by a simple and easy to use control panel.

All Fujitsu ducted heating/air conditioners are reverse cycle, meaning they can keep you warm in winter and cool in summer.



WHAT IS ZONE CONTROL?***

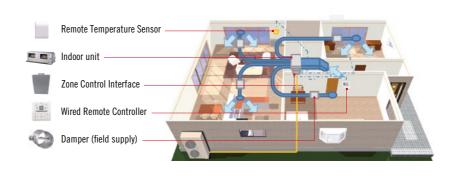
Ducted heating / air conditioning with Zone control capabilities allows for different zones (areas) to be set up in your office or home for optimal comfort & energy management. The system adjusts airflow through dampers at set time periods to control the heating or cooling of the selected zones.

ENERGY EFFICIENCY

By using the weekly timer function the operation can be set up to match your daily schedule. It's a 'set and forget' way to keep the temperature of your home comfortable all year round.

USER-FRIENDLY FUNCTIONS

The user-friendly control features a large display for 'Mode', 'Set Temp' and 'Fan' with each function represented by an intuitive icon.



BACKLIT CONTROLLER*

FEATURES:

 Zone names can be programmed



- Weekly timer
- Simple operation
- Room temperature displayed on home screen
- Child lock

WIRED CONTROLLER#

FEATURES:

- Thermo sensor
- Easy to understand operation



- Timer and clock display
- Temperature display

TOUCH SCREEN CONTROLLER**

FEATURES:

- Touch screen LCD panel
- Built in weekly/ daily timer and auto off timer



- Backlight
- Room temperature display

Accessory for ARTG09/12LLLB | ARTG18LLTA | ARTG24LMLC | ARTA30LBTU | ARTA36/45LATU

- * Optional extra for ARTG09/12LLLB | ARTG18LLTA | ARTG24LMLC | ARTA30LBTU | ARTA36/45LATU
- ** Optional extra for ARTG LHTDP | ARTG LDTA
- *** Optional extra for: ARTG_LHTDP/LDTA/LHTA/LHTC | ARTC_LATU



BULKHEAD



ARTG09/12LLLB





WIRED CONTROLLER

ARTG18LLTA



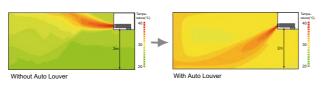
AOTG09/12LBCB AOTG18LACC

OPTIONAL AUTO LOUVER GRILLE KIT FOR BULKHEAD MODELS

The stylish flat Auto Louver shuts when not in use, and provides ideal direction for heating or cooling automatically. The louver is controlled by the indoor unit controller.



IDEAL WARM AIRFLOW



- Flexible control
- Operation with indoor unit
- Auto louver can be operated by the remote control of the indoor unit.
- Up, down and auto swing.
- Auto airflow direction.
- 4 selectable louver positions.
- When operation of indoor unit is switched off, the louver will automatically close.

EASY, FLEXIBLE INSTALLATION

COMPACT DESIGN

Bulkhead type ducted heating/air conditioners are designed to allow for flexible installation in the best available space.

QUIET AND EFFICIENT

Quiet, efficient and easy to maintain, offering perfect comfort for the room it is installed in.

INTUITIVE CONTROL

Operated from an easy-to-use control, you can change the settings for mode, fan speed and set temperature and also program the weekly timer to maintain temperature with minimal fuss.

FEATURES CHECKLIST

SET CODE	SET-ARTG09LLLB	SET-ARTG12LLLB	SET-ARTG18LLTA
MODEL CODE	ARTG09LLLB	ARTG12LLLB	ARTG18LLTA
FEATURES			
All DC components	✓	✓	✓
Auto changeover	✓	/	✓
Auto restart	✓	✓	✓
Automatic fan speed adjustment	✓	✓	✓
Automatic airflow adjustment			
Blue fin heat exchanger	√	/	✓
Connectable distributing duct	✓	/	✓
Control port	✓	/	√
Economy mode	✓	✓	✓
Error code display	✓	✓	✓
Fresh air intake	✓	/	✓
On-Off timer	√	✓	✓
Weekly timer & setback	√	✓	✓
Zone control			

SLIMLINE



ARTG24LMLC ARTA30LBTU ARTA36/45LATU



WIRED CONTROLLER



AOTG24LATC AOTA30LGTL



AOTA36/45LCTL

SLIM, COMPACT DESIGN

COMPACT DESIGN

Slimline type ducted heating/air conditioners are slim and compact in design in order to fit into most ceiling spaces, making it ideal for installation to be discreet.

QUIET AND EFFICIENT

Quiet, efficient and easy to maintain, offering perfect comfort for the room it is installed in.

INTUITIVE CONTROL

Operated from an easy-to-use control, you can change the settings for mode, fan speed and set temperature and also program the weekly timer to maintain temperature with minimal fuss.

FEATURES CHECKLIST

SET CODE	SET-ARTG24LMLC	SET-ARTA30LBTU	SET-ARTA36LATU	SET-ARTA45LATU
MODEL CODE	ARTG24LMLC	ARTA30LBTU	ARTA36LATU	ARTA45LATU
FEATURES				
All DC components	✓	√	√	✓
Auto changeover	✓	√	√	✓
Auto restart	✓	√	✓	✓
Automatic fan speed adjustment	✓	√	√	✓
Automatic airflow adjustment				
Blue fin heat exchanger	√	√	✓	✓
Control port	√	√	✓	✓
Connectable distributing duct	√	√	√	✓
Connectable fresh air duct	√	√	√	✓
Economy mode	√	√	✓	✓
Fresh air intake	√	√	✓	✓
Filter sign	√	√	✓	✓
On-Off timer	√	✓	✓	✓
Program timer	√	/	√	/
Weekly timer	√	✓	√	✓
Zone control				

NEXT GEN SLIMLINE PLUS



ARTG24/30LHTDP



ARTG36/45/54LHTDP



BACKLIT CONTROLLER



AOTG24LBCA



AOTG30/36LBTA



AOTG45/54LBTB

SLIM, COMPACT DESIGN

COMPACT AND FLEXIBLE DESIGN

Slimline type ducted heating/air conditioners are slim and compact in design in order to fit into most ceiling spaces, making it ideal for installation to be discreet. The adjustable static pressure feature along with optional zone controller connectivity allows greater flexibility with installation and adjustable airflow for improved comfort.

ZONE CONTROL

Ducted heating / air conditioning with Zone control capabilities allows for different zones (areas) to be set up in your office or home for optimal comfort & energy management. The system adjusts airflow through dampers at set time periods to control the heating or cooling of the selected zones.

INTUITIVE CONTROL

Operated from an easy-to-use LCD control, you can change the settings for mode, fan speed and set temperature and also program the weekly timer to maintain temperature with minimal fuss.

FEATURES CHECKLIST

SET CODE	SET-ARTG24LHTDP	SET-ARTG30LHTDP	SET-ARTG36LHTDP	SET-ARTG45LHTDP	SET-ARTG54LHTDP
MODEL CODE	ARTG24LHTDP	ARTG30LHTDP	ARTG36LHTDP	ARTG45LHTDP	ARTG54LHTDP
FEATURES					
All DC components	√	√	√	√	√
Auto changeover	√	√	√	√	√
Auto restart	√	√	√	√	✓
Automatic fan speed adjustment	√	√	✓	√	✓
Automatic air flow adjustment	√	√	✓	√	✓
Blue fin heat exchanger	√	✓	✓	√	√
Connectable distributing duct	√	✓	√	√	√
Connectable fresh air duct	√	√	√	√	√
Control port	√	/	✓	✓	√
Economy mode	√	√	✓	√	√
Fresh air intake	√	✓	√	√	✓
On-Off timer	√	√	√	√	√
Program timer	√	√	√	√	√
Weekly timer	√	✓	√	√	√
Zone control*	√	/	✓	/	✓

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HIGH STATIC SINGLE PHASE - COMPACT OUTDOOR

ARTG30/36LHTA



BACKLIT CONTROLLER



ARTG45LHTA





AOTG36/45LBTC

WHOLE HOME COMFORT AND CONTROL

COMPACT DESIGN

The new outdoor units are much more compact and lightweight offering greater flexibility around installation.

ZONE CONTROL

Ducted heating / air conditioning with Zone control capabilities allows for different zones (areas) to be set up in your office or home for optimal comfort & energy management. The system adjusts airflow through dampers at set time periods to control the heating or cooling of the selected zones.

POWER SUPPLY

Use of single phase power allows for greater flexibility and minimises installation costs as there is no need to upgrade to a three phase power supply.

FEATURES CHECKLIST

SET CODE	SET-ARTG30LBTC	SET-ARTG36LBTC	SET-ARTG45LBTC
MODEL CODE	ARTG30LBTC	ARTG36LBTC	ARTG45LBTC
FEATURES			
All DC components	✓	√	✓
Auto changeover	✓	✓	√
Auto restart	√	✓	✓
Automatic fan speed adjustment	✓	✓	/
Automatic air flow adjustment			
Blue fin heat exchanger	✓	√	✓
Connectable distributing duct	✓	✓	✓
Connectable fresh air duct	√	√	✓
Control port	✓	√	✓
Economy mode	✓	✓	✓
Filter sign	✓	✓	✓
Fresh air intake	✓	✓	✓
On-Off timer	√	✓	✓
Program timer	✓	√	✓
Weekly timer	√	✓	✓
Zone control*	√	√	✓

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HIGH STATIC SINGLE PHASE



ARTG30/36LHTA



ARTG45LHTA ARTG54LHTC



AOTG30/36/45LATL AOTG54LCTL



BACKLIT CONTROLLER

WHOLE HOME COMFORT AND CONTROL

INCREASED NUMBER OF OUTLETS

High static ducted heating/air conditioning allows for an increased number of air ducts to be installed.

ZONE CONTROL

Ducted heating / air conditioning with Zone control capabilities allows for different zones (areas) to be set up in your office or home for optimal comfort & energy management. The system adjusts airflow through dampers at set time periods to control the heating or cooling of the selected zones.

POWER SUPPLY

Use of single phase power allows for greater flexibility and minimises installation costs as there is no need to upgrade to a three phase power supply.

FEATURES CHECKLIST

SET CODE	SET-ARTG30LHTA	SET-ARTG36LHTA	SET-ARTG45LHTA	SET-ARTG54LHTC
MODEL CODE	ARTG30LHTA	ARTG36LHTA	ARTG45LHTA	ARTG54LHTC
FEATURES				
All DC components	√	√	✓	✓
Auto changeover	√	√	✓	✓
Auto restart	√	√	✓	✓
Automatic fan speed adjustment	√	✓	✓	✓
Automatic air flow adjustment				
Blue fin heat exchanger	√	√	√	✓
Connectable distributing duct	√	√	√	√
Connectable fresh air duct	√	√	✓	✓
Control port	√	√	✓	✓
Economy mode	√	✓	✓	✓
Filter sign	√	√	√	✓
Fresh air intake	√	√	√	√
On-Off timer	√	√	✓	✓
Program timer	√	✓	✓	✓
Weekly timer	√	✓	✓	/
Zone control*	√	✓	✓	/

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HIGH STATIC NEXT GEN SINGLE PHASE



ARTG60LDTA



AOTG60LBTA



BACKLIT CONTROLLER

WHOLE HOME COMFORT AND CONTROL

INCREASED NUMBER OF OUTLETS

High static ducted heating/air conditioning allows for an increased number of air ducts to be installed.

ZONE CONTROL

Ducted heating / air conditioning with Zone control capabilities allows for different zones (areas) to be set up in your office or home for optimal comfort & energy management. The system adjusts airflow through dampers at set time periods to control the heating or cooling of the selected zones.

POWER SUPPLY

Use of single phase power allows for greater flexibility and minimises installation costs as there is no need to upgrade to a three phase power supply.

FEATURES CHECKLIST

SET CODE	SET-ARTG60LDTA
MODEL CODE	ARTG60LDTA
FEATURES	
All DC components	√
Auto changeover	√
Auto restart	√
Automatic fan speed adjustment	✓
Automatic air flow adjustment	✓
Blue fin heat exchanger	✓
Connectable distributing duct	✓
Connectable fresh air duct	✓
Control port	√
Economy mode	✓
Filter sign	✓
Fresh air intake	√
On-Off timer	√
Program timer	√
Weekly timer	✓
Zone control*	√

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THE SLEEP PUMP™ 3 OR 4 ROOMS - SLIMLINE



SLEEPPUMP24/30



AOTG24LATC AOTA30LGTL



WIRED CONTROLLER

COMFORT AND CONTROL FOR THE BEDROOMS

Entry point central heating systems designed to keep 3 or 4 bedrooms warm in winter, then cool and dehumidify in summer.

COMPACT DESIGN

Slimline type ducted heating/air conditioners are slim and compact in design in order to fit into most ceiling spaces, making it ideal for installation to be discreet.

QUIET AND EFFICIENT

Quiet, efficient and easy to maintain, offering perfect comfort for the room it is installed in.

INTUITIVE CONTROL

Operated from an easy-to-use LCD control, you can change the settings for mode, fan speed and set temperature and also program the weekly timer to maintain temperature with minimal fuss.

FEATURES CHECKLIST

SET CODE	SET-SLEEPPUMP24	SET-SLEEPPUMP30
MODEL CODE	SLEEPPUMP24	SLEEPPUMP30
FEATURES		
All DC components	✓	✓
Auto changeover	✓	✓
Auto restart	√	✓
Automatic fan speed adjustment	√	✓
Automatic air flow adjustment		
Blue fin heat exchanger	√	✓
Connectable distributing duct	✓	✓
Connectable fresh air duct	√	✓
Control port	√	✓
Economy mode	√	✓
Filter sign	✓	✓
Fresh air intake	✓	✓
On-Off timer	✓	✓
Program timer	√	✓
Weekly timer	√	✓
Zone control		



THE SLEEP PUMP™ 3 OR 4 ROOMS - NEXT GEN SLIMLINE PLUS





SLEEP24/30LHTDP

BACKLIT CONTROLLER







AOTG30LBTA

COMFORT AND CONTROL FOR THE BEDROOMS

Entry point central heating systems designed to keep 3 or 4 bedrooms warm in winter, then cool and dehumidify in summer.

COMPACT DESIGN

Slimline type ducted heating/air conditioners are slim and compact in design in order to fit into most ceiling spaces, making it ideal for installation to be discreet.

QUIET AND EFFICIENT

Quiet, efficient and easy to maintain, offering perfect comfort for the room it is installed in.

INTUITIVE CONTROL

Operated from an easy-to-use LCD control, you can change the settings for mode, fan speed and set temperature and also program the weekly timer to maintain temperature with minimal fuss.

FEATURES CHECKLIST

SET CODE	SET-SLEEP24LHTDP	SET-SLEEP30LHTDP
MODEL CODE	SLEEP24LHTDP	SLEEP30LHTDP
FEATURES		
All DC components	√	√
Auto changeover	√	√
Auto restart	√	√
Automatic fan speed adjustment	✓	√
Automatic air flow adjustment	✓	√
Blue fin heat exchanger	✓	√
Connectable distributing duct	√	√
Connectable fresh air duct	√	√
Control port	√	√
Economy mode	✓	√
Filter sign	✓	√
Fresh air intake	✓	√
On-Off timer	√	√
Program timer	√	√
Weekly timer	√	√
Zone control		

HIGH STATIC THREE PHASE



ARTG60LHTA



BACKLIT CONTROLLER



ARTC72LATU



AOTG60LATT



ARTC90LATU



AOTA72/90LALT

WHOLE HOME COMFORT AND CONTROL

COMFORT AND STABILITY

With smart technology, the air conditioner works at an optimum setting to create a comfortable environment for your home.

ENERGY EFFICIENCY

With built in features such as DC fan motors, DC rotary compressors and built in programmable timers, these systems use less power than ever before.

ZONE CONTROL

Ducted heating / air conditioning with Zone control capabilities allows for different zones (areas) to be set up in your office or home for optimal comfort & energy management. The system adjusts airflow through dampers at set time periods to control the heating or cooling of the selected zones.

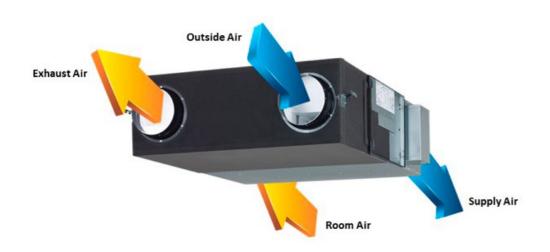
FEATURES CHECKLIST

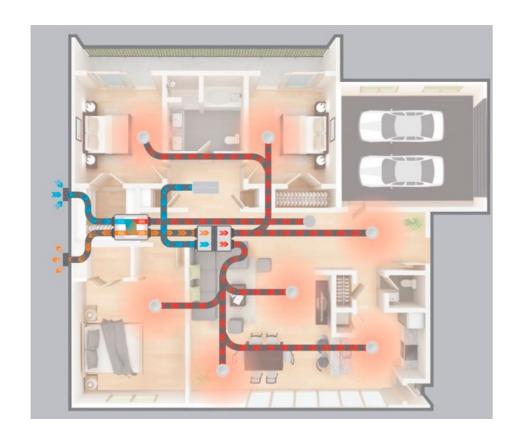
SET CODE	SET-ARTG60LHTA	SET-ARTC72LATU	SET-ARTC90LATU
MODEL CODE	ARTG60LHTA	ARTC72LATU	ARTC90LATU
FEATURES			
All DC components	√	✓	√
Auto changeover	√	✓	√
Auto restart	√	√	✓
Automatic fan speed adjustment	√	✓	√
Automatic air flow adjustment			
Blue fin heat exchanger	√	√	√
Connectable distributing duct	√	√	✓
Connectable fresh air duct	√	√	✓
Control port	√	✓	✓
Economy mode	√	✓	✓
Filter sign	√	√	√
Fresh air intake	√	√	√
On-Off timer	√	✓	√
Program timer	√	✓	√
Weekly timer	√	✓	√
Zone control*	✓	√	√

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ENERGY RECOVERY VENTILATORS





WHOLE HOME COMFORT AND CONTROL

COMFORT AND STABILITY

With smart technology, the air conditioner works at an optimum setting to create a comfortable environment for your home.

ENERGY EFFICIENCY

With built in features such as DC fan motors, DC rotary compressors and built in programmable timers, these systems use less power than ever before.

ZONE CONTROL

Ducted heating / air conditioning with Zone control capabilities allows for different zones (areas) to be set up in your office or home for optimal comfort & energy management. The system adjusts airflow through dampers at set time periods to control the heating or cooling of the selected zones.

FEATURES CHECKLIST

SET CODE	SET-ARTG60LHTA	SET-ARTC72LATU	SET-ARTC90LATU
MODEL CODE	ARTG60LHTA	ARTC72LATU	ARTC90LATU
FEATURES			
All DC components	√	√	√
Auto changeover	√	√	√
Auto restart	√	✓	√
Automatic fan speed adjustment	√	✓	√
Automatic air flow adjustment			
Blue fin heat exchanger	√	√	√
Connectable distributing duct	√	√	√
Connectable fresh air duct	√	√	✓
Control port	√	✓	✓
Economy mode	√	√	√
Filter sign	√	✓	✓
Fresh air intake	√	√	√
On-Off timer	√	√	√
Program timer	√	√	√
Weekly timer	√	√	✓
Zone control*	√	√	√

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BULKHEAD

0.10.1.	Indoor uni	t	SET-ARTG09LLLB	SET-ARTG12LLLB	SET-ARTG18LLTA
Set Code	Outdoor un	it	SET-AOTG09LBCB	SET-AOTG12LBCB	SET-AOTG18LACC
M. I.I.N.	Indoor uni		ARTG09LLLB	ARTG12LLLB	ARTG18LLTA
Model No.	Outdoor un	it	AOTG09LBCB	AOTG12LBCB	AOTG18LACC
	Operation Type		Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ	7	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Canacity	Cooling	kW	2.60 (0.90 - 3.75)	3.50 (0.90 - 4.17)	5.20 (0.90-5.90)
Capacity	Heating	kW	3.50 (0.90 - 5.51)	4.50 (0.90 - 5.96)	6.00 (0.90-7.50)
Input Dower	Cooling	kW	0.66 (Max 1.46)	0.94 (Max 1.51)	1.45 (Max 1.61)
Input Power	Heating	kW	0.83 (Max 1.88)	1.19 (Max 2.09)	1.56 (Max 2.31)
EER	Cooling	kW / kW	3.94	3.72	3.59
COP	Heating	kW / kW	4.22	3.78	3.85
AEER	Cooling	kW / kW	3.824	3.645	3.601
ACOP	Heating	kW / kW	4.137	3.748	3.850
Running Current	Cooling / Heating	amps	3.10 / 3.90	4.30 / 5.30	6.10 / 6.60
Moisture Removal		I / hr	0.70	1.30	2.00
	Indoor Sound Pressure (High/Quiet)	dBA	28 / 25	29 / 26	32 / 27
Noise Level	Outdoor Sound Pressure	dBA	41	49	55
	Outdoor Sound Power	dBA	59	62	71
Static Pressure Rang	ge	PA	0 to 90	0 to 90	0 to 90
Air Circulation (Indo	or - High Fan)	I / sec	167	181	261
	ladas llait	mm	198 x 700 x 620	198 x 700 x 620	198 x 900 x 620
Net Dimensions	Indoor Unit	kgs	18	18	23
HxWxD	Outdoor Holt	mm	620 x 790 x 290	620 x 790 x 290	620 x 790 x 290
	Outdoor Unit	kgs	39	39	41
Piping Connections	(Liquid / Suction)	mm	Ø 6.35 / Ø 9.52	Ø 6.35 / Ø 9.52	Ø 6.35 / Ø 12.70
Max Pipe Length (Pro	echarged length)	m	20 (15)	20 (15)	30 (15)
Max Height Difference	ce	m	15	15	20
Operation Deser	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46
Operation Range	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
	Refrigerant		R410A	R410A	R410A

E&OE: Due to ongoing Research and Development, specifications and designs are subject to improvement without notice therefore relevant manuals must be consulted before any action is taken to install or service these products.

PRODUCT SPECIFICATIONS

SLIMLINE

	Indoor uni		SET-ARTG24LMLC	SET-ARTA30LBTU	SET-ARTA36LATU	SET-ARTA45LATU	
Set code	Outdoor ur	nit	SET-AOTG24LATC	SET-AOTA30LGTL	SET-AOTA36LCTL	SET-AOTA45LCTL	
Indoor uni		ARTG24LMLC	ARTA30LBTU	ARTA36LATU	ARTA45LATU		
Model No.	Outdoor ur	nit	AOTG24LATC	AOTA30LGTL	AOTA36LCTL	AOTA45LCTL	
	Operation Type		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	
Power Supply	V / Ph / H	Z	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	
0	Cooling	kW	7.1 (2.90 - 8.00)	8.50 (2.80 - 10.0)	10.0 (3.8-11.2)	11.5 (4.0-13.3)	
Capacity	Heating	kW	8.0 (2.20 - 9.10)	10.00 (2.70 - 11.20)	11.2 (4.0-14.0)	14.0 (4.2-15.5)	
	Cooling	kW	2.09 (Max 2.40)	2.65 (Max 4.04)	3.11 (Max 4.66)	3.56 (Max 5.02)	
Input Power	Heating	kW	2.19 (Max 2.75)	2.68 (Max 4.04)	3.02 (Max 4.78)	4.02 (Max 5.02)	
EER	Cooling	kW / kW	3.40	3.21	3.21	3.23	
COP	Heating	kW / kW	3.65	3.73	3.71	3.48	
AEER	Cooling	kW / kW	3.428	3.193	3.247	3.212	
ACOP	Heating	kW / kW	3.736	3.739	3.688	3.468	
Running Current	Cooling / Heating	amps	8.8 / 9.2	11.1 / 11.2	13.0 / 12.7	14.9 / 16.8	
Moisture Removal		I / hr	2.50	2.50	3.00	4.00	
	Indoor Sound Pressure (High/Quiet)	dBA	31 / 25	42 / 29	40 / 26	42 / 28	
Noise Level	Outdoor Sound Pressure	dBA	53	53	54	55	
	Outdoor Sound Power	dBA	68	69	68	69	
Static Pressure Ra	nge	PA	30 to 150	30 to 150	30 to 150	30 to 150	
Air Circulation (Ind	loor - High Fan)	I / sec	305	542	514	583	
		mm	270 x 1135 x 700	270 x 1135 x 700	270 x 1135 x 700	270 x 1135 x 700	
Net Dimensions	Indoor Unit	kgs	38	40	40	40	
HxWxD	0.44	mm	830 x 900 x 330	830 x 900 x 330	1290 x 900 x 330	1290 x 900 x 330	
	Outdoor Unit	kgs	60	61	86	86	
Piping Connections	s (Liquid / Suction)	mm	Ø 6.35 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	
Max Pipe Length (F	Precharged length)	m	30 (20)	50 (20)	50 (20)	50 (20)	
Max Height Differe	nce	m	30	30	30	30	
0	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-15 to 46	
Operation Range	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
	Refrigerant		R410A	R410A	R410A	R410A	



NEXT GEN SLIMLINE PLUS

	Indoor unit		SET-ARTG24LHTDP	SET-ARTG30LHTDP	SET-ARTG36LHTDP	SET-ARTG45LHTDP	SET-ARTG54LHTDP
Set code	Outdoor uni	t	SET-AOTG24LBCA	SET-AOTG30LBTA	SET-AOTG36LBTA	SET-AOTG45LBTB	SET-AOTG54LBTB
	Indoor unit		ARTG24LHTDP	ARTG30LHTDP	ARTG36LHTDP	ARTG45LHTDP	ARTG54LHTDP
Model No.	Outdoor uni	t	AOTG24LBCA	AOTG30LBTA	AOTG36LBTA	AOTG45LBTB	AOTG54LBTB
	Operation Type		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
0	Cooling	kW	7.10 (2.90 - 8.00)	8.50 (2.80 - 10.00)	10.00 (3.80 - 11.20)	11.50 (4.00 - 13.30)	13.00 (6.20 - 15.20)
Capacity	Heating	kW	8.00 (2.20 - 9.10)	10.00 (2.70 - 11.20)	11.20 (4.00 - 14.00)	14.00 (4.20 - 15.50)	16.00 (6.20 - 18.00)
Innut Davier	Cooling	kW	2.08 (Max 4.06)	2.65 (Max 4.06)	3.11 (Max 4.78)	3.33 (Max 5.00)	3.92 (Max 5.58)
Input Power	Heating	kW	2.19 (Max 4.40)	2.70 (Max 4.06)	3.07 (Max 4.76)	3.68 (Max 5.02)	4.45 (Max 5.59)
EER	Cooling	kW / kW	3.41	3.21	3.22	3.45	3.32
COP	Heating	kW / kW	3.65	3.70	3.65	3.80	3.60
AEER	Cooling	kW / kW	3.413	3.245	3.240	3.486	3.360
ACOP	Heating	kW / kW	3.739	3.696	3.734	3.951	3.644
Running Current	Cooling / Heating	amps	8.70 / 9.20	11.10 / 11.30	13.00 / 12.90	14.00 / 15.40	16.50 / 18.70
Moisture Removal		I / hr	2.20	2.30	2.40	2.60	3.70
	Indoor Sound Pressure (High/Quiet)	dBA	33 / 21	37 / 29	36 / 26	40 / 29	40 / 29
Noise Level	Outdoor Sound Pressure	dBA	55	53	54	55	55
	Outdoor Sound Power	dBA	69	69	70	69	70
Static Pressure Ra	nge	PA	30 to 200	30 to 200	30 to 200	30 to 160	30 to 160
Air Circulation (Ind	loor - High Fan)	I / sec	378	472	569	708	708
Indoor Unit		mm	300 x 1000 x 700	300 x 1000 x 700	300 x 1400 x 700	300 x 1400 x 700	300 x 1400 x 700
Net Dimensions	IIIdoor Ollit	kgs	36	36	46	46	46
HxWxD	Outdoor Unit	mm	620 x 790 x 290	830 x 900 x 330	830 x 900 x 330	1290 x 900 x 330	1290 x 900 x 330
		kgs	41	61	61	86	93
Piping Connections	s (Liquid / Suction)	mm	Ø 6.35 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88
Max Pipe Length (F	Precharged length)	m	30 (15)	50 (20)	50 (20)	50 (20)	75 (30)
Max Height Differe	nce	m	20	30	30	30	30
Operation Descri	Cooling	°CDB	-10 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
Operation Range	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
	Refrigerant		R410A	R410A	R410A	R410A	R410A

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PRODUCT SPECIFICATIONS

HIGH STATIC SINGLE PHASE COMPACT OUTDOOR

Cot and	Indoor unit		SET-ARTG30LHTA	SET-ARTG36LHTA	SET-ARTG45LHTA
Set code	Outdoor uni	t	SET-AOTG30LBTC	SET-AOTG36LBTC	SET-AOTG45LBTC
Madal Na	Indoor unit		ARTG30LHTA	ARTG36LHTA	ARTG45LHTA
Model No.	Outdoor uni	t	AOTG30LBTC	AOTG36LBTC	AOTG45LBTC
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle
Power Supply	V / Ph / HZ		240 / 1 / 50	240 / 1 / 50	240 / 1 / 50
Canaciba	Cooling	kW	8.50 (4.70 - 10.00)	10.00 (5.00 - 11.40)	11.50 (5.70 - 13.50)
Capacity	Heating	kW	10.00 (5.00 - 11.50)	12.50 (5.10 - 14.00)	14.00 (6.00 - 15.50)
	Cooling	kW	2.61 (Max 4.06)	3.08 (Max 5.04)	3.70 (Max 5.62)
Input Power	Heating	kW	2.70 (Max 4.06)	3.42 (Max 5.04)	3.84 (Max 5.62)
EER	Cooling	kW / kW	3.26	3.25	3.11
COP	Heating	kW / kW	3.70	3.65	3.65
AEER	Cooling	kW / kW	3.243	3.241	3.109
ACOP	Heating	kW / kW	3.897	3.732	3.741
Running Current	Cooling / Heating	amps	11.00 / 11.30	13.00 / 14.40	15.50 / 16.10
Moisture Removal		I / hr	0.90	1.50	0.90
	Indoor Sound Pressure (High/Low)	dBA	41 / 36	41 / 36	43 / 35
Noise Level	Outdoor Sound Pressure	dBA	53	52	58
	Outdoor Sound Power	dBA	69	68	72
Static Pressure Range		PA	60 to 210	60 to 210	60 to 260
Air Circulation (Indoor - High Fan)		I / sec	695	695	903
		mm	400 x 1050 x 500	400 x 1050 x 500	425 x 1250 x 490
Net Dimensions	Indoor Unit	kgs	39	39	54
HxWxD	Outdoor Heit	mm	830 x 900 x 330	914 x 970 x 370	914 x 970 x 370
	Outdoor Unit	kgs	61	75	75
Piping Connections (Liq	uid / Suction)	mm	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 9.52 / Ø 15.88
Max Pipe Length (Prech	arged length)	m	50 (20)	50 (20)	50 (20)
Max Height Difference		m	30	30	30
Operation Deser	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46
Operation Range	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24
	Refrigerant		R410A	R410A	R410A



PRODUCT SPECIFICATIONS

HIGH STATIC SINGLE PHASE

	Indoor uni		SET-ARTG30LHTA	SET-ARTG36LHTA	SET-ARTG45LHTA	SET-ARTG54LHTC	
Set code	Outdoor ur	nit	SET-AOTG30LATL	SET-AOTG36LATL	SET-AOTG45LATL	SET-AOTG54LCTL	
	Indoor uni		ARTG30LHTA	ARTG36LHTA	ARTG45LHTA	ARTG54LHTC	
Model No.	Outdoor ur	nit	AOTG30LATL	AOTG36LATL	AOTG45LATL	AOTG54LCTL	
	Operation Type		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	
Power Supply	V / Ph / H	Z	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	240 / 1 / 50	
Canacity	Cooling	kW	9.00 (4.70 - 10.00)	10.50 (5.00 - 11.40)	12.50 (5.70 - 14.00)	14.00 (6.20 - 15.20)	
Capacity	Heating	kW	11.20 (5.00 - 12.10)	12.10 (5.10 - 14.00)	14.00 (6.00 - 16.00)	16.00 (6.20 - 18.00)	
Innut Dower	Cooling	kW	2.70 (Max 4.30)	3.18 (Max 4.67)	4.03 (Max 5.38)	4.40 (Max 5.63)	
Input Power	Heating	kW	2.95 (Max 4.30)	3.30 (Max 4.80)	3.80 (Max 5.38)	4.37 (Max 5.63)	
EER	Cooling	kW / kW	3.33	3.30	3.10	3.18	
COP	Heating	kW / kW	3.80	3.67	3.68	3.66	
AEER	Cooling	kW / kW	3.350	3.338	3.205	3.166	
ACOP	Heating	kW / kW	3.799	3.697	3.669	3.690	
Running Current	Cooling / Heating	amps	11.40 / 12.40	13.40 / 13.90	16.90 / 16.00	18.40 / 18.30	
Moisture Removal		I / hr	1.00	1.50	1.00	1.50	
	Indoor Sound Pressure (High/Low)	dBA	41 / 36	41 / 36	43 / 35	45 / 36	
Noise Level	Outdoor Sound Pressure	dBA	52	52	55	55	
	Outdoor Sound Power	dBA	67	68	69	70	
Static Pressure Ra	nge	PA	60 to 210	60 to 210	60 to 260	60 to 260	
Air Circulation (Ind	loor - High Fan)	I / sec	695	695	903	986	
Indoor Unit		mm	400 x 1050 x 500	400 x 1050 x 500	425 x 1250 x 490	425 x 1250 x 490	
Net Dimensions	IIIUOOI UIIIL	kgs	39	39	54	54	
HxWxD	Outdoor Unit	mm	1290 x 900 x 330				
		kgs	86	86	86	93	
Piping Connections	s (Liquid / Suction)	mm	Ø 9.52 / Ø 15.88				
Max Pipe Length (F	Precharged length)	m	50 (20)	50 (20)	50 (20)	75 (30)	
Max Height Differe	nce	m	30	30	30	30	
Operation Range	Cooling	°CDB	-5 to 46	-5 to 46	-5 to 46	-15 to 46	
operation Kange	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
	Refrigerant		R410A	R410A	R410A	R410A	

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HIGH STATIC NEXT GEN SINGLE PHASE

	Indoor unit		SET-ARTG60LDTA
Set code	Outdoor unit		SET-AOTG60LBTA
	Indoor unit		ARTG60LDTA
Model No.	Outdoor unit		AOTG60LBTA
	Operation Type		Reverse Cycle
Power Supply	V / Ph / HZ		240 / 1 / 50
0	Cooling	kW	15.80 (6.20 - 16.30)
Capacity	Heating	kW	18.00 (6.20 - 18.50)
	Cooling	kW	4.92 (Max 6.15)
Input Power	Heating	kW	4.99 (Max 6.18)
EER	Cooling	kW / kW	3.21
COP	Heating	kW / kW	3.61
AEER	Cooling	kW / kW	3.225
ACOP	Heating	kW / kW	3.718
Running Current	Cooling / Heating	amps	20.70 / 21.00
Moisture Removal		I / hr	2.10
	Indoor Sound Pressure (High/Quiet)	dBA	44 / 35
Noise Level	Outdoor Sound Pressure	dBA	57
	Outdoor Sound Power	dBA	72
Static Pressure Ran	ge	PA	60 to 250
Air Circulation (Indoor - High Fan)		I / sec	1139
	Indoor Unit	mm	360 x 1400 x 850
Net Dimensions	IIIuuul Ullit	kgs	69
HxWxD	Outdoor Unit	mm	1290 x 900 x 330
	Outuo01 OIIIt	kgs	97
Piping Connections	(Liquid / Suction)	mm	Ø 9.52 / Ø 15.88
Max Pipe Length (Pi	recharged length)	m	75 (30)
Max Height Differen	ce	m	30
Operation Range	Cooling	°CDB	-15 to 46
operation Kange	Heating	°CDB	-15 to 24
	Refrigerant		R410A



SLEEP PUMP™

	Indoor unit		SET-ARTG24LMLC	SET-ARTA30LBTU	SET-ARTG24LHTDP	SET-ARTG30LHTDP	
Set code	Outdoor unit		SET-AOTG24LATC	SET-AOTA30LGTL	SET-AOTG24LBCA	SET-AOTG30LBTA	
	Indoor unit		ARTG24LMLC	ARTA30LBTU	ARTG24LHTDP	ARTG30LHTDP	
Model No	Outdoor unit		AOTG24LATC	AOTA30LGTL	AOTG24LBCA	AOTG30LBTA	
	Operation Type		Reverse Cycle	Reverse Cycle	Reverse Cycle	Reverse Cycle	
Power Supply	V / Ph / Hz		240 / 1 /50	240 / 1 /50	240 / 1 /50	240 / 1 /50	
Canacity	Cooling	kW	7.1 (2.90 - 8.00)	8.5 (2.80 - 10.00)	7.1 (2.90 - 8.00)	8.5 (2.80 - 10.00)	
Capacity	Heating	kW	8.0 (2.20 - 9.10)	10.0 (2.70 - 11.20)	8.0 (2.20 - 9.10)	10.0 (2.70 - 11.20)	
Input Power	Cooling	kW	2.09 (Max 2.4)	2.65 (Max 4.04)	2.08 (Max 4.06)	2.65 (Max 4.06)	
	Heating	kW	2.19 (Max 2.75)	2.68 (Max 4.04)	2.19 (Max 4.40)	2.70 (Max 4.06)	
EER	Cooling	kW / kW	3.40	3.21	3.41	3.21	
COP	Heating	kW / kW	3.65	3.73	3.65	3.70	
AEER	Cooling	kW / kW	3.428	3.193	3.413	3.245	
ACOP	Heating	kW / kW	3.736	3.739	3.739	3.696	
Running Current	Cooling / Heating	Amps	8.8 / 9.2	11.1 / 11.2	8.7 / 9.2	11.1 / 11.3	
Moisture Removal		I / hr	2.50	2.50	2.20	2.30	
	Indoor Sound Pressure (High/Quiet)	dBA	31 / 25	42 / 29	33 / 21	37 / 29	
Noise Level	Outdoor Sound Pressure	dBA	53	53	55	53	
	Outdoor Sound Power	dBA	68	69	69	69	
Static Pressure Range		Pa	30 to 150	30 to 150	30 to 200	30 to 200	
Air Circulation (Indoor - High Fan)		I / sec	305	542	378	472	
	Indoor Unit		270 x 1135 x 700	270 x 1135 x 700	300 x 1000 x 700	300 x 1000 x 700	
Net Dimensions H	IIIdoor Ollit	kg	38	40	36	36	
x W x D	Outdoor Unit	mm	830 x 900 x 330	830 x 900 x 330	620 x 790 x 290	830 x 900 x 330	
	Outdoor offic	kg	60	61	41	61	
Piping Connections	(Liquid / Suction)	mm	Ø 6.35 / Ø 15.88	Ø 9.52 / Ø 15.88	Ø 6.35 / Ø 15.88	Ø 9.52 / Ø 15.88	
Max Pipe Length (Pr	echarged length)	m	30 (20)	50 (20)	30 (15)	50 (20)	
Max Height Differe	nce	m	30	30	20	30	
Operation Descri	Cooling	°C DB	-10 to 46	-15 to 46	-10 to 46	-15 to 46	
Operation Range	Heating	°C DB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
	Refrigerant		R410A	R410A	R410A	R410A	

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PRODUCT SPECIFICATIONS

HIGH STATIC THREE PHASE

	Indoor unit		SET-ARTG60LHTA	SET-ARTC72LATU	SET-ARTC90LATU	
Set code	Outdoor unit		SET-AOTG60LATT	SET-AOTA72LALT	SET-AOTA90LALT	
	Indoor unit		ARTG60LHTA	ARTC72LATU	ARTC90LATU	
Model No.	Outdoor unit		AOTG60LATT	AOTA72LALT	AOTA90LALT	
Operation Type			Reverse Cycle	Reverse Cycle	Reverse Cycle	
Power Supply	V / Ph / HZ		415 / 3 / 50	415 / 3 / 50	415 / 3 / 50	
0 '1	Cooling	kW	15.00 (6.20 - 17.50)	20.30 (10.80 - 23.50)	25.00 (11.20 - 28.00	
Capacity	Heating	kW	18.00 (6.20 - 20.00)	22.60 (12.00 - 26.50)	28.00 (12.50 - 31.50	
	Cooling	kW	4.70 (Max 7.40)	6.25 (Max 10.10)	7.82 (Max 12.50)	
Input Power	Heating	kW	5.15 (Max 7.40)	6.27 (Max 10.10)	8.24 (Max 12.50)	
EER	Cooling	kW / kW	3.19	3.25	3.20	
COP	Heating	kW / kW	3.50	3.60	3.40	
AEER	Cooling	kW / kW	3.174	3.315	3.172	
ACOP	Heating	kW / kW	3.483	3.698	3.505	
Running Current	Cooling / Heating	amps	6.70 / 7.30	9.30 / 9.30	11.50 / 12.10	
Moisture Removal		I / hr	2.00	4.50	6.00	
	Indoor Sound Pressure (High/Low)	dBA	45 / 36	47 / 41	49 / 43	
Noise Level	Outdoor Sound Pressure	dBA	56	57	58	
	Outdoor Sound Power	dBA	71	74	76	
Static Pressure Range		PA	60 to 260	50 to 250	50 to 250	
Air Circulation (Indoor - High Fan)		I/sec	986	1195	1347	
		mm	425 x 1250 x 490	450 x 1587 x 700	550 x 1587 x 700	
Net Dimensions	Indoor Unit	kgs	54	100	110	
HxWxD		mm	1290 x 900 x 330	1690 x 930 x 765	1690 x 930 x 765	
	Outdoor Unit	kgs	104	215	215	
Piping Connections	(Liquid / Suction)	mm	Ø 9.52 / Ø 15.88	Ø 12.70 / Ø 25.40	Ø 12.70 / Ø 25.40	
Max Pipe Length (Pr	echarged Length)	m	75 (30)	75 (20)	75 (20)	
Max Height Differe	nce	m	30	30	30	
0	Cooling	°CDB	-15 to 46	-5 to 46	-5 to 46	
Operation Range	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	
	Refrigerant	1	R410A	R410A	R410A	



SPECIFICATIONS

Products in this brochure contain R410A refrigerant. Please refer to specifications before installing and servicing this product. Only persons and / or companies qualified and experienced in the installation, service and repair of refrigerant products should be permitted to do so. The purchaser must ensure that the person and / or company who is to install, service or repair this heating/air conditioner has qualifications and experience in refrigerant products. Suitable access for warranty and service is required. Future improvements, specifications, designs of product and availability are subject to change without notice. Please check with your Dealer.

COOLING	Indoor temperature	27°C DB / 19°C WB
JUULING	Outdoor temperature	35°C DB
IE ATINO	Indoor temperature	20°C DB
HEATING	Outdoor temperature	7°C DB / 6°C WB



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