

Alpha

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AIR-TO-AIR HEATING & COOLING

Year-round home comfort



GOTHA & UE MULTI

Single-split and multi-split
heat pump systems



INTRODUCING AIR-TO-AIR

Air-to-air heat pumps provide an efficient solution for year-round heating and cooling. By transferring energy from the outside air, they can deliver comfortable indoor temperatures throughout the seasons, even when outdoor temperatures are low.

Using a refrigerant circuit, the outdoor unit captures thermal energy from the air and transfers it to the indoor unit, where it is released as heating or cooling depending on the requirements of the space. This process enables efficient climate control while helping to reduce energy consumption compared with conventional heating and cooling systems.

The Gotha and UE Multi combine high performance with straightforward installation and operation. Rapid response times allow rooms to reach the desired temperature quickly, while flexible system design makes them suitable for a wide range of residential applications.

Part of the Italian, family-owned Immergas Group, which operates in over 30 countries, Alpha brings advanced manufacturing and proven technology to the UK market. The Gotha and UE Multi form part of a wider portfolio of heating, cooling and hot water solutions designed to deliver comfort, efficiency and reliability for modern homes.

WI-FI REMOTE CONTROL

The CLIMAsmart application is compatible with Amazon Alexa and Google Home.

Users can control their system remotely:

- Select operating modes
- Set schedules
- Adjust domestic hot water temperature
- Program anti-Legionella disinfection cycles



CLIMAsmart



GOTHA

Direct expansion single-split
with inverter technology



The Gotha range is designed for residential applications, delivering efficient heating and cooling while placing a strong emphasis on indoor air quality and year-round comfort.

High energy efficiency helps reduce running costs, while rapid response times ensure rooms reach the desired temperature quickly for enhanced comfort throughout the home.

An integrated Air Ioniser comes as standard and is designed to help reduce airborne particles such as dust, pollen and smoke. Activated via the remote control, the ioniser reaches maximum effectiveness within minutes.

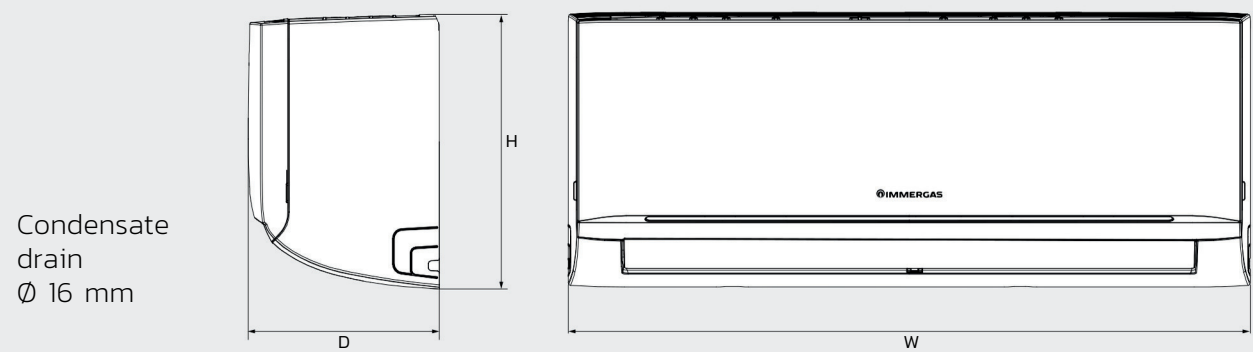
A built-in Wi-Fi module is supplied as standard, allowing users to control the system remotely using the CLIMAsmart app. Temperature settings, operating schedules and on/off functions can all be managed from a smartphone or tablet, while energy consumption can also be monitored for greater control and convenience.

TECHNICAL FEATURES

- Air ioniser filter as standard
- Wi-Fi kit for control via CLIMAsmart app as standard
- Infrared remote control as standard
- Backlit display
- Silent operating mode
- Inverter technology
- R32 refrigerant gas
- Easy installation
- Installation flexibility
- Indoor and outdoor unit supplied with different article numbers
- Installation template as standard

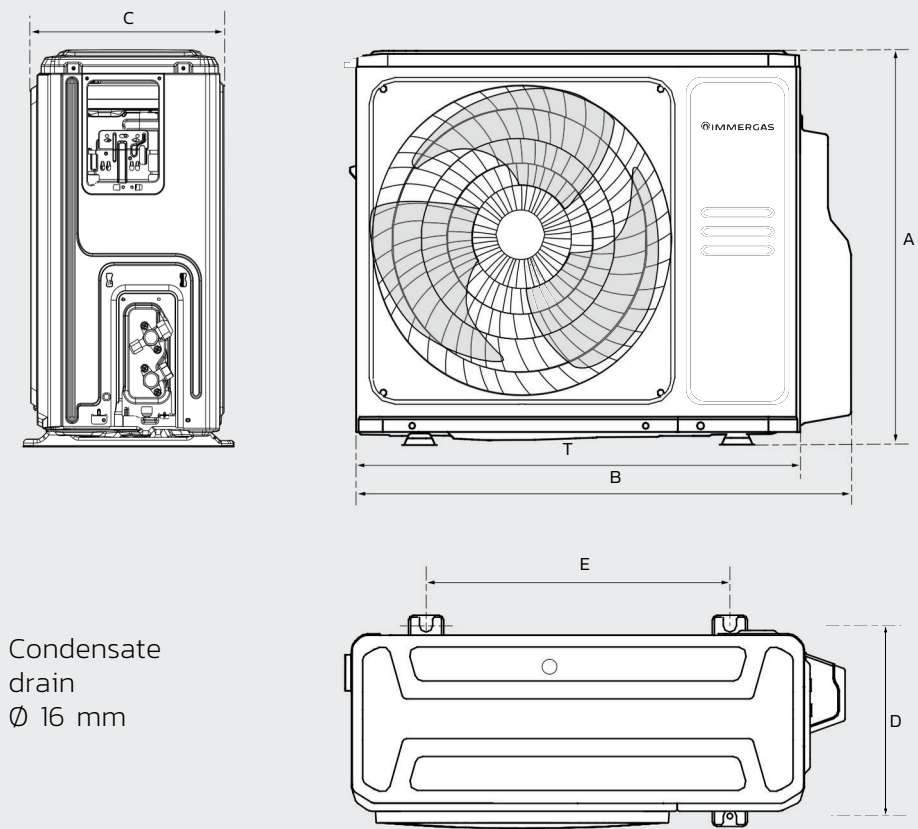
TECHNICAL DATA

GOTHA Indoor unit



Model	Dimensions (H x W x D) mm	Net weight (kg)
UI GOTHA 9	296 x 805 x 205	8.7
UI GOTHA 12	296 x 805 x 205	8.7

GOTHA Outdoor unit



The outdoor unit contains the right amount of R32 gas to allow a maximum distance between it and the indoor unit of 5 mt. A minimum route of 3 m is required for operation to reduce excess vibrations and noise.

Model	Dimensions mm						Net weight kg
	A	B	C	E	D	T	
UE GOTHA 9	555	835	303	452	314	765	26.4
UE GOTHA 12	555	835	303	452	314	765	26.4

R32 connections		
Model	Liquid pipe diameter	Gas pipe diameter
UE GOTHA 9	1/4"	3/8"
UE GOTHA 12	1/4"	3/8"

GOTHA indoor unit and outdoor unit

Type	Model	Part. no.	Nominal output power cooling (kW)	Nominal output power heating (kW)
Indoor unit	UI GOTHA 9	3.035039	2.64	2.93
Outdoor unit	UE GOTHA 9	3.035040	2.64	2.93
Indoor unit	UI GOTHA 12	3.035041	3.52	3.81
Outdoor unit	UE GOTHA 12	3.035042	3.52	3.81

Technical data	Measurement unit	GOTHA 9	GOTHA 12
Cooling energy class		A+++ (A+++ ← D)	A+++ (A+++ ← D)
Heating energy class (average climate)		A++ (A+++ ← D)	A++ (A+++ ← D)
Heating energy class (warmer climate)		A+++ (A+++ ← D)	A+++ (A+++ ← D)
Nominal output power cooling	Btu/h -	9.000 (2.64)	12.000 (3.52)
Output power cooling (max – min)	kW kW	3.22 – 1.03	4.31 – 1.38
Output power cooling (max – min)	Btu/h	11.000 – 3.500	14.700 – 4.700
Electrical absorbed power cooling (nominal)	W	628	1.005
Nominal output power heating	Btu/h -	10.000 (2.93)	13.000 (3.81)
Output power heating (max – min)	kW kW	3.37 – 0.82	4.38 – 1.07
Output power heating (max – min)	Btu/h	11.500 – 2.800	14.950 – 3.640
Electrical absorbed power heating (nominal)	W	651	977
Power supply	V/Hz/Ph	220 – 240/50/1	220 – 240/50/1
EER	-	4.20	3.50
COP	-	4.50	3.90
Indoor unit air flow (max–med–min)	m3/h	510 – 360 – 300	520 – 370 – 310
Indoor unit sound pressure (max–med–min)	dB(A)	37 – 31 – 22	39 – 33 – 22
Outdoor unit sound pressure	dB(A)	54	54.5
Max pipe length (with pre-loaded gas)	m	5	5
Max pipe length	m	25	25
Max height difference	m	10	10
Working range outdoor unit cooling	°C	-15 / 50	-15 / 50
Working range outdoor unit heating	°C	-20 / 24	-20 / 24
Refrigerant gas	-	R32	R32
GWP refrigerant	-	675	675
Gas pre-load	kg	0.62	0.62

Referred to the following conditions:

Environment	Cooling (°C)	Heating (°C)
T indoor air – outdoor air (bs/bu)	27/19 – 35/24	20/15 – 7/6

UE MULTI

Direct expansion multi-split with inverter technology for systems with up to 5 indoor units.



The UE Multi range provides a flexible solution for heating and cooling a wide variety of applications, including commercial premises, restaurants, offices and residential properties.

A comprehensive selection of outdoor units is available, allowing the creation of both single-split and multi-split systems to suit different project requirements. The systems can be paired with a range of indoor unit options, providing flexibility in both design and installation.

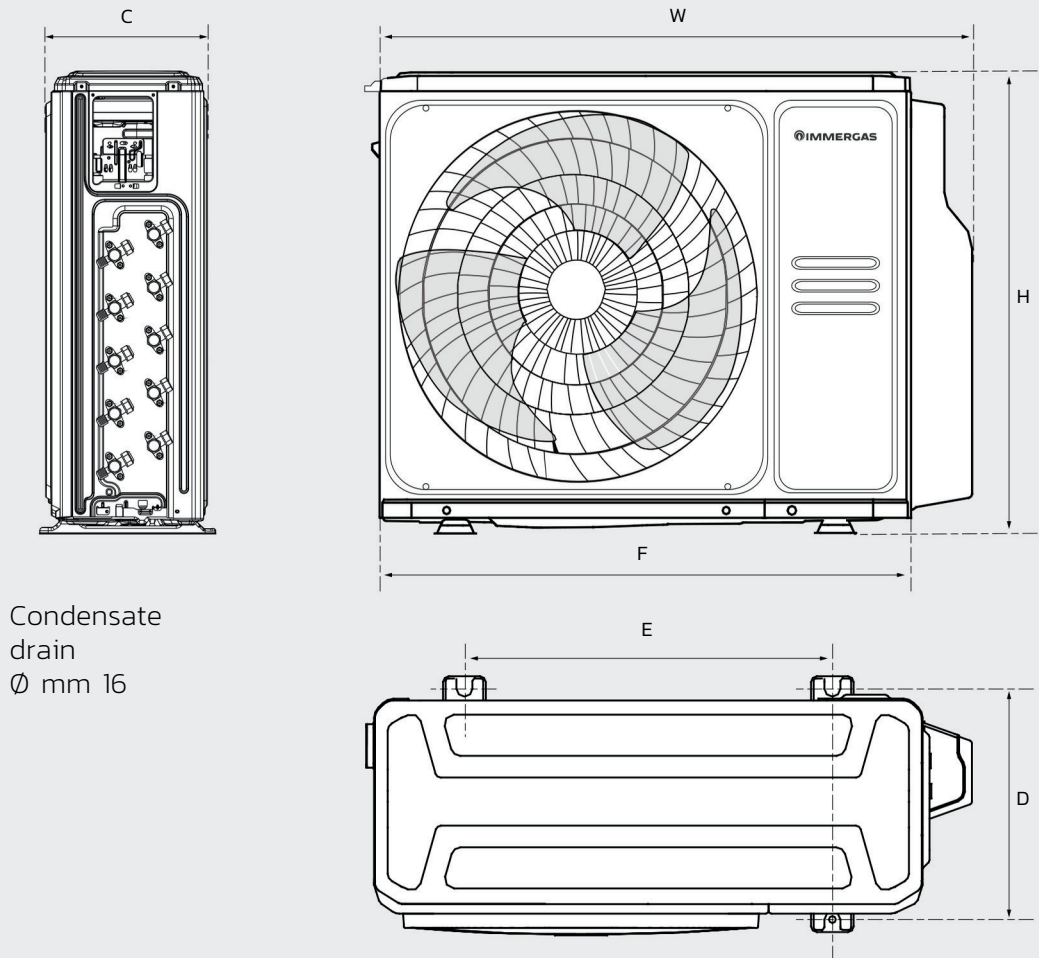
With six outdoor unit capacities available, the UE Multi can be tailored to meet the comfort, performance and aesthetic requirements of a wide range of commercial and residential environments.

TECHNICAL FEATURES

- Six outdoor unit capacities from 18,000 to 42,000 Btu/h
- Single- and multi-split configurations
- Compatible with wall-mounted, cassette, ducted, ceiling/floor and console indoor units
- Inverter technology
- Quiet operating mode
- Optional Wi-Fi connectivity via CLIMAsmart*
- R32 refrigerant

*CLIMAsmart app available as standard with Gotha indoor units.

MULTI Outdoor unit



Model	Dimensions mm						Net weight (kg)
	H	W	C	E	F	D	
UE MULTI 18 DUAL	554	870	330	511	805	317	35.0
UE MULTI 21 TRIAL	673	990	342	663	890	354	43.3
UE MULTI 27 TRIAL	673	990	342	663	890	354	48.0
UE MULTI 28 QUADRI	810	1034	410	673	946	403	62.1
UE MULTI 36 QUADRI	810	1034	410	673	946	403	68.8
UE MULTI 42 PENTA	810	1034	410	673	946	403	74.1

R32 connections

Model	Liquid pipe diameter	Gas pipe diameter
UE MULTI 18 DUAL	2 x 1/4"	2 x 3/8"
UE MULTI 21 TRIAL	3 x 1/4"	3 x 3/8"
UE MULTI 27 TRIAL	3 x 1/4"	3 x 3/8"
UE MULTI 28 QUADRI	4 x 1/4"	3 x 3/8" - 1 x 1/2"
UE MULTI 36 QUADRI	4 x 1/4"	3 x 3/8" - 1 x 1/2"
UE MULTI 42 PENTA	5 x 1/4"	4 x 3/8" - 1 x 1/2"

The outdoor unit contains the right amount of R32 gas to allow a maximum distance between it and the indoor unit of 7.5 mt. A minimum route of 3 m is required for operation to reduce excess vibrations and noise. Greater distances require the addition of gas (see tehcnical sheet or instruction manual).

TECHNICAL DATA

MULTI Outdoor unit and Indoor unit compatibilities

Type	Part. no.	Nominal output power cooling (kW)	Nominal output power heating (kW)	Combinations
UE MULTI 18 DUAL	3.035043	5.28	5.57	Suitable for connection with up to 2 indoor units
UE MULTI 21 TRIAL	3.035044	6.15	6.45	Suitable for connection with up to 3 indoor units
UE MULTI 27 TRIAL	3.035045	7.91	8.21	Suitable for connection with up to 3 indoor units
UE MULTI 28 QUADRI	3.035046	8.21	8.79	Suitable for connection with up to 4 indoor units
UE MULTI 36 QUADRI	3.035047	10.55	10.55	Suitable for connection with up to 4 indoor units
UE MULTI 42 PENTA	3.035048	12.31	12.31	Suitable for connection with up to 5 indoor units
Suitable indoor units				
UI GOTHA 9	3.035039	2.64	2.93	Wall-hung
UI GOTHA 12	3.035041	3.52	3.81	Wall-hung
UI THOR 9	3.035031	2.64	2.93	Wall-hung
UI THOR 12	3.035033	3.52	3.81	Wall-hung
UI THOR 18	3.035035	5.28	5.39	Wall-hung
UI THOR 24	3.035037	7.03	7.33	Wall-hung
UI CAS 9*	3.035049	2.64	2.93	Box
UI CAS 12*	3.035050	3.52	3.81	Box
UI CAS 18*	3.035051	5.28	5.57	Box
Box frame	3.035052	-	-	UI CAS optional kit
UI DUCT 9	3.035053	2.64	2.93	Ductable
UI DUCT 12	3.035054	3.52	3.81	Ductable
UI DUCT 18	3.035055	5.28	6.01	Ductable
UI SP 18	3.035059	5.28	5.57	Ceiling/floor
UI CONS 9	3.035056	2.64	2.93	Console
UI CONS 12	3.035057	3.52	3.81	Console
UI CONS 18	3.035058	4.98	5.28	Console

* To be installed with box frame kit code 3.035052.

Technical data	Measurement unit	UE MULTI 18 DUAL	UE MULTI 21 TRIAL	UE MULTI 27 TRIAL	UE MULTI 28 QUADRI	UE MULTI 36 QUADRI	UE MULTI 42 PENTA
Nominal output power cooling	Btu/h - kW	18.000 (5.28)	21.000 (6.15)	27.000 (7.91)	28.000 (8.21)	36.000 (10.55)	42.000 (12.31)
Output power cooling (max - min)	kW	5.28 - 2.05	6.15 - 2.05	7.91 - 2.05	8.21 - 2.05	10.55 - 2.05	12.31 - 2.05
Output power cooling (max - min)	Btu/h	18.000 - 7.000	21.000 - 7.000	27.000 - 7.000	28.000 - 7.000	36.000 - 7.000	42.000 - 7.000
Abs. power cool. (nom.)	W	1.635	1.905	2.450	2.540	3.270	3.800
Nominal output power heating	Btu/h - kW	19.000 (5.57)	22.000 (6.45)	28.000 (8.21)	30.000 (8.79)	36.000 (10.55)	42.000 (12.31)
Output power heating (max - min)	kW	5.57 - 2.35	6.45 - 2.35	8.21 - 2.35	8.79 - 2.35	11.14 - 2.35	12.31 - 2.35
Output power heating (max - min)	Btu/h	19.000 - 8.000	22.000 - 8.000	28.000 - 8.000	30.000 - 8.000	38.000 - 8.000	42.000 - 8.000
Abs. power heat. (nom.)	W	1.500	1.738	2.210	2.369	2.845	3.300
Power supply	V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
EER	-	3.23	3.23	3.23	3.23	3.23	3.24
COP	-	3.71	3.71	3.71	3.71	3.71	3.73
Outdoor unit sound pressure	dB(A)	54	55	55	63	62.5	61.5
Max single pipe length	m	25	30	30	35	35	35
Max total pipe length	m	40	60	60	80	80	80
Max height difference	m	15	15	15	15	15	15
Cooling operating temp.	°C	-15 / 50	-15 / 50	-15 / 50	-15 / 50	-15 / 50	-15 / 50
Heating operating temp.	°C	-15 / 24	-15 / 24	-15 / 24	-15 / 24	-15 / 24	-15 / 24
Refrigerant gas	-	R32	R32	R32	R32	R32	R32
GWP refrigerant	-	6.75	6.75	6.75	6.75	6.75	6.75
Gas pre-load	kg	1.25	1.50	1.80	2.10	2.10	2.90

Note: Energy label depends on the combination with indoor units.

Referred to the following conditions:

Environment	Cooling (°C)	Heating (°C)
T. indoor air - outdoor air (bs/bu)	27/19 - 35/24	20/15 - 7/6

UI GOTHA

Indoor unit for wall-hung installation (compatible with GOTHA & UE MULTI)

- Infrared remote control as standard
- Air ioniser filter as standard
- Refrigerant gas R32
- Wi-Fi kit for control via app as standard
- Easy installation
- Installation flexibility
- Installation template as standard
- Available in 2 output powers



Model	Dimensions (H x W x D) mm	Net weight (kg)
UI GOTHA 9	296 x 805 x 205	8.7
UI GOTHA 12	296 x 805 x 205	8.7

Type	Part. no.	Nominal output power cooling (kW)	Nominal output power heating (kW)
UI GOTHA 9	3.035039	2.64	2.93
UI GOTHA 12	3.035041	3.52	3.81

Technical data	Measurement unit	UI GOTHA 9	UI GOTHA 12
Nominal output power cooling	Btu/h (kW)	9.000 (2,64)	12.000 (3,52)
Nominal output power heating	Btu/h (kW)	10.000 (2,93)	13.000 (3,81)
Indoor unit air flow (max-med-min)	m3/h	510 - 360 - 300	520 - 370 - 310
Sound pressure (max-med-min)	dB(A)	37 - 31 - 22	39 - 33 - 22
R32 connections (Liquid pipe diameter)	inches	1/4"	1/4"
R32 connections (Gas pipe diameter)	inches	3/8"	3/8"
Ø Condensate drain	mm	16	16

COMPATIBLE INDOOR UNITS

UI THOR

Indoor unit for wall-hung installation (compatible with UE MULTI)

- Infrared remote control as standard
- 4 output powers
- Refrigerant gas R32
- Pre-arranged for Wi-Fi kit for control via app (optional)
- Easy installation
- Installation flexibility
- Installation template as standard



Model	Dimensions (H x W x D) mm	Net weight (kg)
UI THOR 9	292 x 729 x 204	8.0
UI THOR 12	296 x 805 x 205	8.7
UI THOR 18	321 x 971 x 230	11.2
UI THOR 24	337 x 1082 x 234	13.6

Type	Part. no.	Nominal output power cooling (kW)	Nominal output power heating (kW)
UI THOR 9	3.035031	2.64	2.93
UI THOR 12	3.035033	3.52	3.81
UI THOR 18	3.035035	5.28	5.39
UI THOR 24	3.035037	7.03	7.33

Technical data	Measurement unit	UI THOR 9	UI THOR 12	UI THOR 18	UI THOR 24
Nominal output power cooling	Btu/h (kW) Btu/h	9.000 (2.64)	12.000 (3.51)	18.000 (5.28)	24.000 (7.03)
Nominal output power heating	(kW) m3/h	10.000 (2.93)	13.000 (3.81)	18.400 (5.39)	25.000 (7.33)
Indoor unit air flow (max-med-min)	dB(A)	460 - 330 - 260	530 - 400 - 350	800 - 600 - 500	1.090 - 770 - 610
Sound pressure (max-med-min)		37 - 32 - 22	37 - 32 - 22	41 - 37 - 31	46 - 37 - 34,5
R32 connections (Liquid pipe diameter)	inches	1/4"	1/4"	1/4"	3/8"
R32 connections (Gas pipe diameter)	inches	3/8"	3/8"	1/2"	5/8"
Ø Condensate drain	mm	16	16	16	16

UI SP

Indoor unit for installation on ceiling (compatible with UE MULTI)

- Infrared remote control as standard
- Ideal for medium to large sized rooms
- Oriented air flow with motorised deflector
- Pre-arranged for Wi-Fi kit for control via app (optional)
- Available in 18,000 Btu/h version



The image represents UI SP installed on ceiling

Model	Dimensions		Net weight (kg)
	Floorstanding installation (H x W x D) mm	On ceiling installation (H x W x D) mm	
UI SP 18	675 x 1068 x 235	235 x 1068 x 675	28.0

Type	Part. no.	Nominal output power cooling (kW)	Nominal output power heating (kW)
UI SP 18	3.035059	5.28	5.57

Technical data	Measurement unit	UI SP 18
Nominal output power cooling	Btu/h - kW	18.000 - 5.28
Nominal output power heating	Btu/h - kW	19.000 - 5.57
Indoor unit air flow (max-med-min)	m3/h	958 - 839 - 723
Sound pressure (max - med - min)	dB(A)	43.5 - 41.0 - 36.5
R32 connections (Liquid pipe diameter)	inches	1/4"
R32 connections (Gas pipe diameter)	inches	1/2"
Ø Condensate drain	mm	32

COMPATIBLE INDOOR UNITS

UI CAS

Boxed indoor unit for recessed ceiling installation
(compatible with UE MULTI)

- Infrared remote control as standard
- To be installed recessed in the ceiling. Ideal for areas such as offices, stores and meeting rooms
- Insulated frame with fan and four side air flow vents
- 360 air distribution system with 4 settable air flow deflectors
- Box frame as separate kit, necessary for installation (dimensions 620x620x50mm)
- Pre-arranged for Wi-Fi kit for control via app (optional)
- Available in 3 different powers



The image represents UI CAS combined with box frame kit

Model	Dimensions (H x W x D) mm	Net weight (kg)
UI CAS 9	245 x 570 x 570	14.5
UI CAS 12	245 x 570 x 570	16.1
UI CAS 18	245 x 570 x 570	16.2

Type	Part. no.	Nominal output power cooling (kW)	Nominal output power heating (kW)
UI CAS 9*	3.035049	2.64	2.93
UI CAS 12*	3.035050	3.52	3.81
UI CAS 18*	3.035051	5.28	5.57
Box frame kit	3.035052	-	-

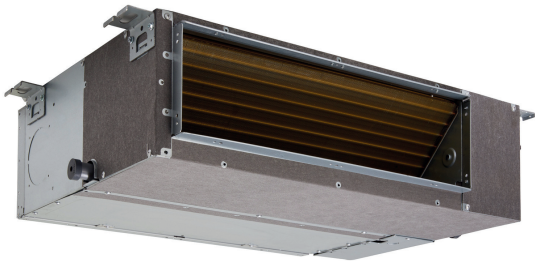
* to be installed with box frame kit code 3.035052.

Technical data	Measurement unit	UI CAS 9	UI CAS 12	UI CAS 18
Nominal output power cooling	Btu/h - kW	9.000 - 2.64	12.000 - 3.52	18.000 - 5.28
Nominal output power heating	Btu/h - kW	10.000 - 2.93	13.000 - 3.81	19.000 - 5.57
Indoor unit air flow (max-med-min)	m3/h	580/500/300	620/520/300	660/540/300
Sound pressure (max-med-min)	dB(A)	39 - 37 - 35	41 - 38 - 35	43 - 39.5 - 35.5
R32 connections (Liquid pipe diameter)	inches	1/4"	1/4"	1/4"
R32 connections (Gas pipe diameter)	inches	3/8"	3/8"	1/2"
Ø Condensate drain	mm	25	25	25

UI DUCT

Ductable indoor unit for recessed installation or in false ceiling (compatible with UE MULTI)

- Wired control panel as standard
- Suitable for installation recessed or in ceiling. Ideal for areas such as offices, restaurants, shops, meeting rooms and hotels
- Made of insulated steel to avoid thermal dispersion, condensated production and ensure high-quality acoustic comfort
- Fan with speed settings to reach head up to 100 Pa (mod. 18). 60 Pa (mod. 12) and 40 Pa (mod. 9)
- Integrated condensate discharge pump as standard
- Pre-arranged for Wi-Fi kit for control via app (optional)
- Available in 3 different powers



Model	External dimensions (W x H x D) mm	Net weight (kg)
UI DUCT 9	700 x 200 x 506	16.6
UI DUCT 12	700 x 200 x 506	16.6
UI DUCT 18	700 x 245 x 750	24.4

Type	Part. no.	Nominal output power cooling (kW)	Nominal output power heating (kW)
UI DUCT 9	3.035053	2.64	2.93
UI DUCT 12	3.035054	3.52	3.81
UI DUCT 18	3.035055	5.28	6.01

Technical data	Measurement unit	UI DUCT 9	UI DUCT 12	UI DUCT 18
Nominal output power cooling	Btu/h - kW	9.000 - 2.64	12.000 - 3.52	18.000 - 5,28
Nominal output power heating	Btu/h - kW	10.000 - 2.93	13.000 - 3.81	20.500 - 6,01
Indoor unit air flow (max-med-min)	m3/h	620/540/450	660/570/470	900/780/650
Useful head (min. - max.)	Pa	25 (0 - 40)	25 (0 - 60)	25 (0 -100)
Sound pressure (max - med - min)	dB(A)	40 - 34.5 - 27.5	41 - 38 - 34	41 -38 - 34
R32 connections (Liquid pipe diameter)	inches	1/4"	1/4"	1/4"
R32 connections (Gas pipe diameter)	inches	3/8"	3/8"	1/2"
Ø Condensate drain	mm	25	25	25

COMPATIBLE INDOOR UNITS

UI CONS

Console indoor unit for limited vertical space installation (compatible with UE MULTI)

- Infrared remote control as standard
- Very compact design, for installations with limited vertical space e.g. under window
- Double air diffusion to limit heat stratification during the winter season
- Pre-arranged for Wi-Fi kit for control via app (optional)
- Available in 3 different powers



Model	Dimensions (W x H x D) mm	Net Weight (kg)
UI CONS 9	794 x 621 x 200	14.9
UI CONS 12	794 x 621 x 200	14.9
UI CONS 18	794 x 621 x 200	14.9

Type	Part. no.	Nominal output power cooling (kW)	Nominal output power heating (kW)
UI CONS 9	3.035056	2.64	2.93
UI CONS 12	3.035057	3.52	3.81
UI CONS 18	3.035058	4.98	5.28

Technical data	Measurement unit	UI CONS 9	UI CONS 12	UI CONS 18
Nominal output power cooling	Btu/h - kW	9.000 - 2.64	12.000 - 3.52	17.000 - 4.98
Nominal output power heating	Btu/h - kW	10.000 - 2.93	13.000 - 3.81	18.000 - 5.28
Indoor unit air flow (max-med-min)	m3/h	650/580/490	650/580/490	780/690/600
Sound pressure (max - med - min)	dB(A)	37 - 34 - 27	37 - 34 - 27	41 - 38 - 32
R32 connections (Liquid pipe diameter)	inches	1/4"	1/4"	1/4"
R32 connections (Gas pipe diameter)	inches	3/8"	3/8"	3/8"
Ø Condensate drain	mm	16	16	16

Type		Part. no.
Wi-Fi kit for UI THOR and UI CONS. Including USB drive		3.035060
Wi-Fi kit for UI DUCT and UI SP. Including USB drive, support base, infrared remote control and link cables		3.035061
Wi-Fi kit for UI CAS. Including USB drive, support base and link cables		3.035344
Frame box kit for UI CAS (Dimensions mm 620 x 620 x 50)		3.035052
Antivibrations supports for UE GOTHA 9-12.		3.035408
Antivibrations supports for UE MULTI.		3.035409
Wall mounting brackets depth 700 mm for UE GOTHA and UE MULTI 18-27		3.034758
Wall mounting brackets depth 800 mm for UE MULTI 28-42		3.035411
Condensate drain kit for UI THOR and UI GOTHA		3.035345

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