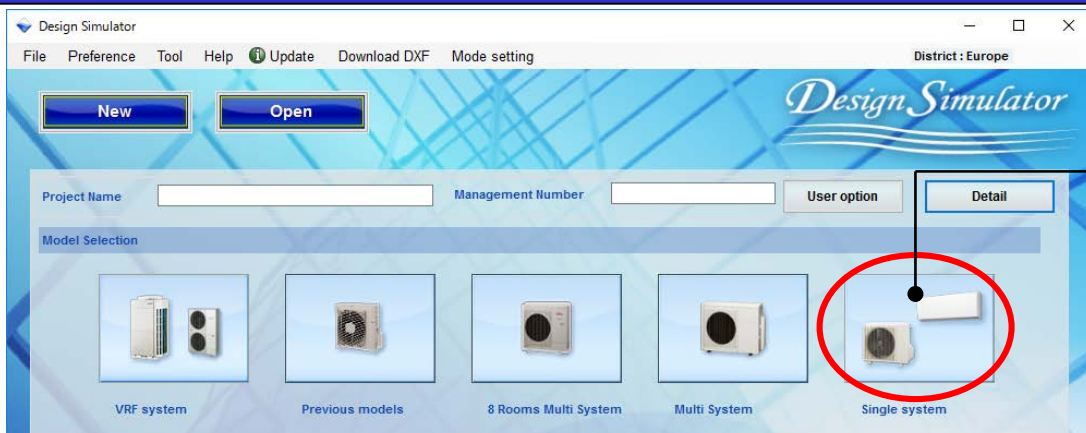


Konfiguracja początkowa

Design Simulator



Wybierz „System Split”

Ekran początkowy konfiguracji jednostek wewnętrznych

The 'Outdoor unit' configuration window is shown. It includes a menu bar (File, Preference, Tool, Help, Update) and a toolbar with icons for adding, deleting, and saving. The main area is divided into two columns: 'Indoor' and 'Outdoor'. The 'Indoor' column contains a table with the following fields:

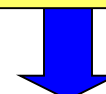
Name	Comments	Refrigerant	Operation type
Model	Type		
Model	PS	Indoor	Outdoor
Capacity		Cooling	Heating
Indoor temperature			
Outdoor temp.		TC	SC HC
Required capacity			
Actual capacity			
Required air flow			External static pressure
Additional refrigerant			
Fan air flow rate			
Sound pressure level			
Input power			

The 'Outdoor' column contains a table with the following fields:

Name	Comments	Refrigerant	Operation type
Model	Type		
Model	PS	Indoor	Outdoor
Capacity		Cooling	Heating
Indoor temperature			
Outdoor temp.		TC	SC HC
Required capacity			
Actual capacity			
Required air flow			External static pressure
Additional refrigerant			
Fan air flow rate			
Sound pressure level			
Input power			

At the bottom, there is a section for 'Piping' with a 'Total pipe length' field and a 'Height difference between outdoor and indoor units' field. A diagram of a piping system is shown below these fields.

Wybierz „Jednostkę wewnętrzną”



Ekran wstępnej rejestracji jednostki wewn. – zewn.

Input new single unit

Name Comments

Indoor Indr1

Outdoor Oldr1

Refrigerant

☒ R410A ☐ R32

Operation type

☒ Heat pump ☐ Cooling only

Model Selection

☒ Manual selection

Type Ceiling - 3 Phase

Indoor Model ABTG54LRTA

Outdoor Model AOTG54LATT

Conditions of selection

Required capacity

Cooling TC 1.0 kW SC 1.0 kW Heating HC 1.0 kW

Indoor temperature

Cooling DBT 27.0 C 19.0 WBT

Heating DBT 20.0 C

Outdoor temp.

Cooling DBT 35.0 C

Heating DBT 7.0 C

Piping

7.5 m 9.52x15.88

Additional refrigerant 0.0 lbs

Height difference 0 m

Pipe size change 9.52(3/8)x15.88(5/8) inch

Room setting

Capacity

	TC	SC	HC
Required capacity	1.0 kW	1.0 kW	1.0 kW
Actual capacity	1.0 kW	1.1 kW	1.0 kW

Remote controller Wireless RC(Accessory)

Options

Cancel OK

Metoda doboru jednostki wewn. – zewn. (2/4)

Pole wpisywania preferowanej nazwy jednostki

Pole komentarzy. (Maks. 10 znaków)
Dowolność opisu. (Np. : 1piętro biuro)

Wybierz tryb pracy

Wybierz czynnik chłodniczy

Funkcja informacji o modelu

Wybierz model jedn. wewn. – zewn.

Podaj wymaganą wydajność

Wybierz typ jednostki wewnętrznej

Wprowadź kryteria projektowe. Jeżeli nie znasz warunków projektowych, wprowadź wartości nominalne, tj. „27C” dla chłodzenia i „20C” dla grzania.

Dla niektórych modeli można zmienić średnicę rur

Input new single unit

Name: Indr1 Comments: Name: Otdr1

Refrigerant: ☒ R410A ☐ R32 Operation type: ☒ Heat pump ☐ Cooling only

Model Selection: ☒ Manual selection Type: Ceiling - 3 Phase

Indoor Model: ABTG54LRTA Outdoor Model: AOTG54LATT

Conditions of Selection:

Required capacity: Cooling TC 1.0 kW SC 1.0 kW Heating HC 1.0 kW

Indoor temperature: Cooling DBT 27.0 C 19.0 WBT Heating 20.0 C

Outdoor temp.: Cooling DBT 35.0 C Heating 7.0 C

Piping: 7.5 m 9.52x15.88

Additional refrigerant: 0.0 lbs Room setting

Height difference: Pipe size change 9.52(3/8)x15.88(5/8)**

Capacity:

	TC	SC	HC
Required capacity	1.0 kW	1.0 kW	1.0 kW
Actual capacity	16.0 kW	11.1 kW	18.0 kW

Remote controller: Wireless RC(Accessory) Options

Cancel OK

Metoda doboru jednostki wewnętrznej – zewnętrznej (3/4)

Input new single unit

Indoor		Outdoor	
Name	Comments	Name	Comments
Indr1		Otdr1	

Refrigerant
☒ R410A ☐ R32

Operation type
☒ Heat pump ☐ Cooling only

Model Selection
☒ Manual selection

Type
 Slim duct

Indoor Model
 ARYG12LLTB

Outdoor Model
 AOYG12LALL

Conditions of selection

Required capacity		Heating	
Cooling	Heating	TC	SC
0.50 kW	0.50 kW	27.0 C	19.0 WBT
		20.0 C	

Indoor temperature
 Cooling DBT: 27.0 C
 Heating: 20.0 C

Outdoor temp.
 Cooling DBT: 19.0 WBT
 Heating:

Primary setting
☐ Required air flow
☐ External static pressure

Required air flow
 Range: 650 m3/h

External static pressure
 Range: 25 Pa

Piping
 5.0 m
 6.35x9.52

Additional refrigerant
 0.0 lbs

Height difference
 0 m

Room setting

Capacity

	TC	SC	HC
Required capacity	0.50 kW	0.50 kW	0.50 kW
Actual capacity	4.40 kW	3.19 kW	5.70 kW

Remote controller
 Wired RC(Accessory)

Option

Cancel OK

Wprowadź wartość „Czynnej długości orurowania” oraz „Różnicy wysokości”. Wybierz pozycję jedn. zewn. w stosunku do wewn.

Wybierz ustawienia podstawowe

Podaj wymagany przepływ powietrza i zewnętrzne ciśnienie statyczne

Wymagana wydajność – rzeczywista wydajność

Wybierz akcesoria opcjonalne

Konfiguracja jednostki zewnętrznej

Design Simulator

(Przykład 1)

Input new single unit

Indoor Name: ind1, Comments: 1Floor Office 1, Outdoor Name: Out1, Comments:

Refrigerant: R410A, Operation type: Heat pump

Model Selection: Manual selection, Type: CompactCassette, Indoor Model: AUYG12LVLB, Outdoor Model: AOYG12L4LL

Conditions of selection: Required capacity: Cooling TC: 2.00 kW, SC: 2.00 kW, Heating HC: 0.50 kW

Indoor temperature: Cooling DBT: 27.0 C, Heating DBT: 20.0 C, Outdoor temp. DBT: 35.0 C, Heating DBT: 7.0 C

Piping: 5.0 m, 6.35x9.52, Additional refrigerant: 0.0 kg, Height difference: 0 m

Capacity: Required capacity: TC: 2.00 kW, SC: 2.00 kW, HC: 0.50 kW, Actual capacity: 4.40 kW, 3.07 kW, 5.70 kW

Remote controller: Wired RC(High grade)

Options (circled in red)

(Przykład 2)

Input new single unit

Indoor Name: ind2, Comments: 2Floor Conference ra, Outdoor Name: Out2, Comments:

Refrigerant: R410A, Operation type: Heat pump

Model Selection: Manual selection, Type: Cassette(Grille kit Black), Indoor Model: AUYG18LRLB, Outdoor Model: AOYG18LBCA

Conditions of selection: Required capacity: Cooling TC: 4.00 kW, SC: 4.00 kW, Heating HC: 0.50 kW

Indoor temperature: Cooling DBT: 25.0 C, Heating DBT: 20.0 C, Outdoor temp. DBT: 35.0 C, Heating DBT: 7.0 C

Piping: 5.0 m, 6.35x12.70, Additional refrigerant: 0.0 kg, Height difference: 0 m

Capacity: Required capacity: TC: 4.00 kW, SC: 4.00 kW, HC: 0.50 kW, Actual capacity: 6.33 kW, 4.55 kW, 7.31 kW

Remote controller: Wired RC(High grade)

Options (circled in red)

(Przykład 3)

Input new single unit

Indoor Name: ind2, Comments: 2Floor Conference, Outdoor Name: Out2, Comments:

Refrigerant: R410A, Operation type: Heat pump

Model Selection: Manual selection, Type: Ceiling, Indoor Model: ABYG18LV7B, Outdoor Model: AOYG18L4LL

Conditions of selection: Required capacity: Cooling TC: 5.00 kW, SC: 3.00 kW, Heating HC: 0.50 kW

Indoor temperature: Cooling DBT: 25.0 C, Heating DBT: 20.0 C, Outdoor temp. DBT: 35.0 C, Heating DBT: 7.0 C

Piping: 5.0 m, 6.35x12.70, Additional refrigerant: 0.0 kg, Height difference: 0 m

Capacity: Required capacity: TC: 5.00 kW, SC: 3.00 kW, HC: 0.50 kW, Actual capacity: 6.71 kW, 5.76 kW, 7.50 kW

Remote controller: Wired RC(High grade)

Options (circled in red)

(Przykład 1)

Miejsce montażu: 1piętro biuro 1
Typ: Zwarty kasetonowy
Pilot: przewodowy
Temperatura projekt. 27C
Wymagana wydajność (TC) : 2.0kW (chł.)

(Przykład 2)

Miejsce montażu: 2piętro sala konf.1
Typ: Kasetonowy
Pilot: przewodowy
Temperatura projekt. 25C
Wymagana wydajność (TC) : 4.0kW (chł.)

(Przykład 3)

Miejsce montażu: 2piętro sala konf.2
Typ: Przysufitowy
Pilot: przewodowy
Temperatura projekt. 25C
Wymagana wydajność (TC) : 5.0kW (chł.)
Wymagana wydajność (SC) : 3.0kW (chł.)

Metoda doboru jednostki wewnętrznej – zewnętrznej (4/4)

Input new single unit

Indoor	Name	Comments	Outdoor	Name	Comments
Refrigerant	Indr2	2Floor Conference	Oldr2		
<input checked="" type="radio"/> R410A			<input checked="" type="radio"/> Heat pump		
<input type="radio"/> R32			<input type="radio"/> Cooling only		

Model Selection

☒ Manual selection

Type: Ceiling

Indoor Model: ABYG18LVTB

Outdoor Model: AOYG18LALL

Conditions of selection

Required capacity

Cooling	TC	SC	Heating	HC
5.00 kW	3.00 kW	0.50 kW		

Indoor temperature

Cooling	DBT	WB
25.0 C	18.0 WBT	

Outdoor temp.

Cooling	DBT	Heating
35.0 C	7.0 C	

Piping

Additional refrigerant: 0.0 lbs

Height difference: 0 m

Room setting

Capacity

TC	SC	HC
5.00 kW	3.00 kW	0.50 kW
Required capacity	5.72 kW	3.76 kW
Actual capacity		7.50 kW

Remote controller: Wired RC(High grade)

Options

Cancel

Naciśnij „OK”

Podgląd specyfikacji jednostki zewnętrznej i wewnętrznej oraz zdjęcia urządzeń.

Outdoor unit

File Preference Tool Help

Outdoor unit

Indoor	Outdoor
Name: Indr1	Oldr1
Comments: 1F_Office 1	
Refrigerant: R410A	
Operation type: Heat pump	
Model: CompactCassette	
Type: AUYG12LVLB	AOYG12LALL
PS: 230V, 50Hz	
Capacity: Cooling 3.50 kW	Heating 4.10 kW
Indoor temperature: 27.0C	20.0C
Outdoor temp.: 35.0C	7.0C
Required capacity: TC 2.00 kW	SC 2.00 kW
Actual capacity: 4.40 kW	HC 5.70 kW
Additional refrigerant: 0.0 lbs	
Fan air flow rate: 410 - 600 m3/h	
Sound pressure level: 27 - 37 dB(A)	
Input power: 1050 W	
Piping: Total pipe length 5.0m	
Height difference between outdoor and indoor units: 0.0m	

Indoor unit image

Outdoor unit image

Informacja o modelu (1/2)

Input new indoor unit

Name

Indr1

1F_Office 1

Name

Otdr1

Refrigerant

☒ R410A
 ☐ R32

Model Selection

☒ Manual selection

Type

CompactCassette

Indoor Model

AUYG12LVLB

Outdoor Model

AOYG12LALL

Conditions of selection

Required capacity

Cooling

TC

2.00

kW

SC

Indoor temperature

Cooling

DBT

27.0

C

Heating

20.0

C

Piping

5.0

m

Additional refrigerant

0.0

lbs

Room setting

Capacity

TC

2.00

kW

Required capacity

4.40

kW

Actual capacity

Remote controller

Wireless RC(Accesso

Outdoor

Operation type

☒ Heat pump

Kliknij ikonę „Informacji o modelu”



Ekran informacji o modelu

Model-information

CompactCassette

Outdoor unit

Image	Name	Capa C (kW)	Capa H (kW)	Airflow (m3/h)	ESP (Pa)	Sound (dB)	HxWxD (mm)	Weight (lbs)	Image	Name	Sound (dB)
	AUYG12LVLB	3.50	4.10	410/600		27/37	245x570x570	33.1		AOYG12LALL	47/48
	AUYG14LVLB	4.30	5.00	410/680		27/38	245x570x570	33.1		AOYG14LALL	49/49
	AUYG18LVLB	5.20	6.00	410/680		26/38	245x570x570	33.1		AOYG18LALL	50/50
	AUYG24LVLA	6.80	8.00	450/930		30/49	245x570x570	35.3		AOYG24LALA	52/53

Click Select button to select a model as Manual selection.

Close

Select

Informacja o modelu (2/2)

Model-information											
CompactCassette											
Outdoor											
Image	Name	Capa C (kW)	Capa H (kW)	Airflow (m3/h)	ESP (Pa)	Sound (dB)	HxWxD (mm)	Weight (lbs)	Image	Name	Sound (dB)
	AUYG12LVLB	3.50	4.10	410/600		27/37	245x570x570	33.1		AOYG12LALL	47/48
	AUYG14LVLB	4.30	5.00	410/680		27/38	245x570x570	33.1		AOYG14LALL	49/49
	AUYG18LVLB	5.20	6.00	410/680		26/38	245x570x570	33.1		AOYG18LALL	50/50
	AUYG24LVLA	6.80	8.00	450/930		30/49	245x570x570	35.3		AOYG24LALA	52/53

Click Select button to select a model as Manual selection.

Close Select

Możliwość wybrania jednostki wewnętrznej

Input new single unit

Indoor		Comments		Outdoor		Comments	
Indr1	1F_Office 1			Oldr1			

Refrigerant ☒ R410A ☐ R32

Operation type ☒ Heat pump

Model Selection

☒ Manual selection

Type **CompactCassette**

Indoor Model **AUYG14LVLB** Outdoor Model **AOYG14LALL**

Conditions of selection

Required capacity

Cooling TC kW SC kW Heating HC kW

Indoor temperature

Cooling DBT C WBT

Heating C

Outdoor temp.

Cooling DBT C

Heating C

Piping

m

Additional refrigerant lbs Height difference m

Room setting

Capacity

	TC	SC	HC
Required capacity	2.00 kW	2.00 kW	0.50 kW
Actual capacity	5.40 kW	3.65 kW	6.50 kW

Remote controller **Wireless RC(Accessory)**

Cancel OK

Konfiguracja pomieszczenia

Input new single unit

Indoor		Comments		Outdoor		Comments	
Name	Intr1	1F_Office 1		Name	Otdr1		

Refrigerant
☒ R410A ☐ R32

 Operation type
☒ Heat pump

Model Selection
☒ Manual selection

Type
 CompactCassette

Indoor Model
 AUYG14LVLB

Outdoor Model

Conditions of selection

Required capacity

Cooling TC 2.00 kW SC 2.00 kW Heating HC 0.50 kW

Indoor temperature
 Cooling DBT 27.0 C 19.0 WBT

 Heating 20.0 C

Outdoor temp.
 Cooling DBT

 Heating

Piping
 5.0 m 6.35x12.70

Additional refrigerant 0.0 lbs Height difference 0 m

Capacity
 Required capacity TC 2.00 kW SC 2.00 kW HC 0.50 kW

 Actual capacity 5.40 kW 3.65 kW 6.50 kW

Remote controller
 Wireless RC(Accessory)

Room setting

Cancel

Naciśnij przycisk „Konfiguracja pomieszczenia”

Pojawi się ekran konfiguracji pomieszczenia

Room setting

Floor type Single Floor

Floor Floor1

Floor setting Item setting

Select	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (WBT)	Tmp H (C)
1	<input type="checkbox"/>	Floor1	Room1	10					27	19	20
2	<input type="checkbox"/>	Floor1	Room2	20					27	19	20
3	<input type="checkbox"/>	Floor1	Room3	20					27	19	20
4	<input type="checkbox"/>	Floor1	Room4	10					27	19	20
5	<input type="checkbox"/>	Floor1	Room5	10					27	19	20
6	<input type="checkbox"/>	Floor1	Room6	10					27	19	20
7	<input type="checkbox"/>	Floor1	Room7	10					27	19	20
8	<input type="checkbox"/>	Floor1	Room8	10					27	19	20
9	<input type="checkbox"/>	Floor1	Room9	10					27	19	20
10	<input type="checkbox"/>	Floor1	Room10	10					27	19	20

☐ Set the temperature of the room to the indoor unit

Add room Remove

Cancel OK

Konfiguracja piętra

Room setting

Floor type: Single Floor

Floor: Floor1

Floor setting

Select	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (WBT)	Tmp H (C)
1	Floor1	Room1	10								
2	Floor1	Room2	20								
3	Floor1	Room3	20								
4	Floor1	Room4	10								
5	Floor1	Room5	10								
6	Floor1	Room6	10								
7	Floor1	Room7	10								
8	Floor1	Room8	10								
9	Floor1	Room9	10								
10	Floor1	Room10	10								

☐ Set the temperature of the room to the indoor unit

Naciśnij „Ustawienia piętra”

Pojawi się ekran ustawień piętra

Możliwość dodania lub usunięcia piętra

Możliwość dodania piętra2

Dodaj piętro

Usuń piętro

Room setting

Floor type: Multi Floor

Floor: Floor2

Floor setting

Select	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (WBT)	Tmp H (C)
1	Floor1										
2	Floor2										

Add floor Remove

Cancel OK

Konfiguracja pomieszczenia dla każdego piętra

Room setting

Floor type: Multi Floor

Floor: Floor2

Floor setting

Item setting

Select	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (WBT)	Tmp H (C)	Air P

Set the temperature of the room to the indoor unit

Add room Remove Cancel OK

Naciśnij „Dodaj pomieszczenie”

Dodaj lub usuń pomieszczenie

Możliwość dodania pomieszczenia do piętra2

Floor type: Multi Floor

Floor: Floor2

Floor setting

Item setting

Select	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (WBT)	Tmp H (C)	Air P
1	<input type="checkbox"/>	Floor2	2F_Conference1	20	20	8	20	10	30	27	19	20
2	<input type="checkbox"/>	Floor2	2F_Conference2	20	20	8	20	10	30	27	19	20

Konfiguracja elementów podglądu

Wybierz „Konfiguracja elementów”

Pojawi się okno konfiguracji

Możliwość ustawienia widoczności elementów

Zaznacz elementy, które mają być widoczne

Zaznaczone elementy są widoczne

Jednostka prezentacji widocznych elementów

Wyświetlany element

Jednostkę można zmienić wyłącznie dla powierzchni / osoby

Pozycje 11-18 mogą być dowolnie definiowane przez użytkownika

Select	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC	Rq SC	Rq HC	Tmp C	Tmp H	Air
<input type="checkbox"/>	Floor1	Room1	10								
<input type="checkbox"/>	Floor1	Room2	20								
<input type="checkbox"/>	Floor1	Room3	20								
<input type="checkbox"/>	Floor1	Room4	10								
<input type="checkbox"/>	Floor1	Room5	10								
<input type="checkbox"/>	Floor1	Room6	10								
<input type="checkbox"/>											
<input type="checkbox"/>											
<input type="checkbox"/>											
<input type="checkbox"/>											

	Item	Unit	Use
1	Length	m	<input checked="" type="checkbox"/>
2	Width	m	<input checked="" type="checkbox"/>
3	Height	m	<input checked="" type="checkbox"/>
4	Rq TC	kW	<input checked="" type="checkbox"/>
5	Rq SC	kW	<input checked="" type="checkbox"/>
6	Rq HC	kW	<input checked="" type="checkbox"/>
7	Tmp C	DBT/WBT	<input checked="" type="checkbox"/>
8	Tmp C	DBT/WBT	<input checked="" type="checkbox"/>
9	Tmp H	C	<input checked="" type="checkbox"/>
10	Air space / person	m3	<input checked="" type="checkbox"/>
11	Remarks1		<input checked="" type="checkbox"/>
12	Remarks2		<input checked="" type="checkbox"/>
13	Remarks3		<input type="checkbox"/>
14	Remarks4		<input type="checkbox"/>
15	Remarks5		<input type="checkbox"/>
16	Remarks6		<input type="checkbox"/>
17	Remarks7		<input type="checkbox"/>
18	Remarks8		<input type="checkbox"/>

Select	Floor	Room	Length (m)	Width (m)	Height (m)	Rq TC (kW)	Rq SC (kW)	Rq HC (kW)	Tmp C (DBT)	Tmp C (WBT)	Tmp H (C)	Air
<input type="checkbox"/>	Floor2	2F_Conference1	20	20	8	20	10	30	27	19	20	
<input type="checkbox"/>	Floor2	2F_Conference2	20	20	8	20	10	30	27	19	20	