

# Split-System COMPACT DUCTED UNITS CD

## CENTRIFUGAL CONDENSER



Cooling only



Heat pump



Electric heating



R22



Infra red remote control

The Compact Ducted range offers a large variety of solutions of air distribution. The freedom of design of these units allows to build truly "measure-made" installations, perfectly adapted to the shape of the room to be equipped. This range, available in "Cooling only" and "Heatpump" version, is an answer to any requirement of air conditioning in the tertiary field.



# Airwell

## Air Conditioning

# TECHNICAL SPECIFICATIONS

## CD/CH SERIES

Cooling only models		CD/CH 35	CD/CH 43	CD/CH 50	CD/CH 60
<b>Cooling capacity (1)</b>	<b>kW</b>	<b>10,1</b>	<b>12,5</b>	<b>14,5</b>	<b>18,2</b>
Power input	kW	5	5,1	5,7	6,5
<b>Air flow (normal speed)</b>					
- Indoor CD	m³/h	2200	2600	2800	3500
- Outdoor CH	m³/h	4150	4150	5000	5700
<b>Available static pressure</b>					
- Indoor CD	daPa	6	7	8	15
- Outdoor CH	daPa	5	5	9	9
<b>Noise level (4m) (normal speed) (3)</b>					
- Indoor CD	dB(A)	46	52	52	60
- Outdoor CH	dB(A)	58	58	59	59
<b>Power supply</b>					
- 1~230V - 50 Hz		•	-	-	-
- 3N~400V - 50Hz		•	•	•	•
Fuse (1~230V)	A	40	-	-	-
Fuse (3N~400V)	A	20	20	20	25
Compressor type		Reciprocating	Reciprocating	Reciprocating	Reciprocating

### Linking specifications between indoor and outdoor units

#### Linking pipes (not supplied)

Max. length	m	30	30	30	30
Max. height difference	m	30	30	30	30
Suction pipe	Inches	3/4"	3/4"	7/8"	7/8"
Liquid pipe	Inches	3/8"	3/8"	1/2"	5/8"

#### Electrical connections (not supplied)

1~230V version	mm²	5x1,5	-	-	-
3N~400V version	mm²	5x1,5	5x1,5	5x1,5	5x1,5

## CD/CH SERIES

Heat pump		CD/CH 35 RC	CD/CH 43 RC	CD/CH 50 RC	CD/CH 60 RC
<b>Heating capacity (2)</b>	<b>kW</b>	<b>9,5</b>	<b>12,2</b>	<b>14,3</b>	<b>18,3</b>
Power input	kW	4,1	5,42	5,9	6,4
<b>Cooling capacity (1)</b>	<b>kW</b>	<b>10,1</b>	<b>12,5</b>	<b>14,5</b>	<b>18,2</b>
Power input	kW	5	5,1	5,7	6,5
<b>Power supply</b>					
- 1~230V - 50 Hz		•	-	-	-
- 3N~400V - 50Hz		•	•	•	•
Fuse (1~230V)	A	40	-	-	-
Fuse (3N~400V)	A	20	20	20	25
Compressor type		Reciprocating	Reciprocating	Reciprocating	Reciprocating

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#### Electrical connections (not supplied)

1~230V version	mm²	6x1,5	-	-	-
3N~400V version	mm²	6x1,5	6x1,5	6x1,5	6x1,5

#### DIMENSIONS AND WEIGHT

##### Indoor CD

Weight	kg	50	58	65	68
Dimensions		900x740x340	1150x740x340	1350x740x340	1350x745x400

##### Outdoor CH

Weight	kg	110	110	196	196
Dimensions (WxDxH)	mm	1400x800x575	1400x800x575	1600x900x651	1600x900x651

Note: values are expressed under a 230V/50Hz voltage.

(1) Nominal cooling capacity: International nominal conditions (NF EN 255.2 / 814.2) - Type A: 27°C/19°C wetbulb - Outdoor air: 35°C/24°C wetbulb. (2) Nominal heating capacity: International conditions (NF EN 255.2 / 814.2): Indoor:19°C/12°C wetbulb - Outdoor air: 7°C/6°C wetbulb. (3) Global acoustic pressure in dB(A) (4m) under nominal conditions: Outdoor unit in open field on open area against a reflecting background - Installation in an average sized room (LS-0,5s reverberation).



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