Pricelist 2020-2021
VRV

**VRV 5
R-32
coming soon**

Prices and technical information for VRV products

This is not a showroom.

This is the augmented reality powered, never before experienced, experts-driven Your Daikin World.

Discover Daikin's full range of industry-leading innovative climate solutions like nowhere else. Experience product demonstrations powered by augmented reality, co-create state-of-the-art climate solutions and connect with experts for professional customized consultation.

This is Your Daikin World. Let's get in touch.

Your Daikin World
Get in touch with unique climate.

This is not a workshop.

This is the expert driven, state-of-the-art co-creation session at Your Daikin World.

Progress happens where passion meets expertise. Join Daikin experts in custom-tailored, full-lifecycle training sessions, co-create unique solutions for your business and elevate it – like nowhere else.

This is Your Daikin World. Let's get in touch.

Daikin Central Europe
Lemböckgasse 59/1/1, 1230 Vienna, Austria

www.yourdaikinworld.com

Table of contents

Due to their high performance Daikin VRV products have been awarded with the Eurovent Certification. For more information on which products are Eurovent certified please refer to the databooks or contact your local Daikin representative.

All Daikin VRV units have the inverter technology. The principle is simple: inverters adjust the power used to suit the actual requirement – no more, no less! This technology provides you with perfect comfort and efficiency.

NOTE:
The pricelist in valid from 1. April 2020 till 31. March 2021. All prices are list prices in LEI and excl. VAT.
All prior pricelists are not valid anymore.
We reserve the right for printing errors and model changes.

Highlights

NEW VRV 5 R-32 - RXYSA-A
Lower CO_2 equivalents and
market-leading efficiencies

› Reduces CO_2 equivalents thanks to the use of lower
  GWP refrigerant R-32
› Top sustainability over the entire lifecycle, thanks to
  market leading real-life seasonal efficiency
› Low-height single fan range
› Offering like-for-like R-410A flexibility
› Specially designed indoor units for R-32

ErP 2021 COMPLIANT

Already fully compliant
to LOT 21 – Tier 2

FXFA-A   FXZA-A   FXDA-A   FXSA-A

VRV IV⁺

NEW Certified Reclaimed Refrigerant Allocation
REYQ-U
Reuse refrigerant to avoid
more than 150.000 kg of virgin gas
being produced each year

› Reduces CO_2 equivalents thanks to the use of lower
  GWP refrigerant R-32
› Top sustainability over the entire lifecycle, thanks to
  market leading real-life seasonal efficiency
› Low-height single fan range
› Offering like-for-like R-410A flexibility
› Specially designed indoor units for R-32

ErP 2021 COMPLIANT

CERTIFIED   RECLAIMED   REFRIGERANT   ALLOCATION

NEW VRV IV S-series compact RXYSCQ6TV1
The most compact VRV,
now available up to 15,5 kW

› New 6 HP model
› Compact & lightweight single fan design, makes the
  unit almost unnoticeable
› Connects to either VRV or stylish indoor units

Variable
Refrigerant
Temperature

ErP 2021 COMPLIANT

Already fully compliant
to LOT 21 – Tier 2

Turnkey Delivery
by Daikin: "All in ONE"

Next to its comprehensive product range, Daikin now offers turnkey project delivery, which we call **'All in ONE',** where various type of applications are carried out directly by Daikin, including installation.

The offering contains following main steps and is shaped according to customer needs:

DESIGN
Creation of the concept / solution that will meet customer's wishes in the best way

OFFER
Preparation of the offer in which complete HVAC-R product and service needs are covered

INSTALL
Along with the certified partner, execution of site works for complete HVAC-R project scope

COMMISSION
Commissioning of whole HVAC-R system (incl. non-Daikin equipment)

MONITOR
Remote Monitoring of the site for optimization and remote control

SUPPORT
Troubleshooting and maintenance of the site via certified HVAC-R partner

You can enjoy the benefits of this service for any kind of HVAC-R applications, regardless if it is a new build or a replacement.

Let Daikin handle all for you

Generate win-win solutions with "All in ONE"

All in ONE approach aims to generate win-win solutions by offering for both its service partners and key accounts significant benefits. While our Key Accounts enjoy the advantages of the direct approach, our partners grow with us via projects granted by Daikin.

What does this mean for our partners?

Steady business

Daikin executes turn key projects with its certified partners therefore, guarantees a steady business to them.

Growth

Daikin makes regional agreements with new Investors and Key Accounts which returns as pure growth to its partners.

Reduced liability & effort

Daikin owns technical and financial liability which limits the partner's risk exposure.

Reputation

Major winning chance in reference projects therefore, helps to build the reputation you need.

What does this mean for our Key Accounts?

Single point of contact

Your Daikin contact will serve for all project needs within same approach for all Central Europe (CE). Daikin also holds liability for the complete HVAC-R.

Saving

Daikin can serve more efficiently with a larger scale contract therefore, offers great saving potential.

One stop shop

Daikin offers product and solutions for complete project scope and also can create 'concepts' per customer wishes.

Quality

Daikin extends its product quality principles to the execution of your project by fully dedicated central and local project teams.

Daikin "All in ONE" References

VMD Business Centre Tower B, Zagreb, Croatia

Client: VMD Grupa
Solution: VRV Heat pump & control
57 VRV IV heat pumps, 685 ceiling cassettes, 2 intelligent Touch Manager units
Year of installation: 2014/2015
Total capacity: 2.400 kW

Key benefits:
› Design supported by Daikin
› Daikin site supervision
› One service contract
› Single point of contact
› High reliability

Start of Energy-Saving Control:
January 2019
Expected reducing of power consumption 15-20%
Control overview: Reducing of power consumption with no effect
on the indoor temperature and comfort.
Control results: Predictive and proactive maintenance, remote support

Einsteinova Business Center, Bratislava, Slovakia

Client: International Property Development, s.r.o
Solution: VRV Heat pump

Key benefits:
› Design supported by Daikin
› Guarantee of completion
› Lower overall risk due to the size of the project
› Project management by Daikin
› Rapid reaction to design changes

Start of Energy-Saving Control: January 2019
Control overview: Besides the proven and reliable VRV systems, the cloud service especially its predictive error notification feature is an integral part of the solution.
This feature ensures, that the service organisation is immediately notified not only about the occurred error, but also about the potential problems that may occur in the near future.

This allows the service organisation to react quickly and shorten the time needed to solve potential problems. As this building is not only cooled by VRV, but also heated, this feature is particularly important.

FXFQ-B Round-flow Cassette

VRV ceiling mounted cassette unit (800 x 800 mm)

Provides superior 360° air distribution - now with individual flap control and optionally presence and floor temperature sensors
› Widest choice ever in decoration panels: Designer, standard and autocleaning panels in white and black
› Bigger flaps improve equal air distribution

Standard white panel (BYCQ140E, BYCQ140EGF)

Full white panel (BYCQ140EW)

White designer panel (BYCQ140EP)

Black panel (BYCQ140EB, BYCQ140EGFB)

Black designer panel (BYCQ140EPB)

Type		SB.FXFQ20B-1	SB.FXFQ25B-1	SB.FXFQ32B-1	SB.FXFQ40B-1	SB.FXFQ50B-1	SB.FXFQ63B-1	SB.FXFQ80B-1	SB.FXFQ100B-1	SB.FXFQ125B-1
Main unit		FXFQ20B	FXFQ25B	FXFQ32B	FXFQ40B	FXFQ50B	FXFQ63B	FXFQ80B	FXFQ100B	FXFQ125B
Decoration panel		BYCQ140E	BYCQ140E	BYCQ140E	BYCQ140E	BYCQ140E	BYCQ140E	BYCQ140E	BYCQ140E	BYCQ140E
Cooling capacity	kW	2,2	2,8	3,6	4,5	5,6	7,1	9,0	11,2	14,0
Heating capacity	kW	2,5	3,2	4,0	5,0	6,3	8,0	10,0	12,5	16,0
Price – Main unit	Lei	5.026,-	5.192,-	5.510,-	6.047,-	6.372,-	6.594,-	8.311,-	8.718,-	9.143,-
Price – Decoration panel	Lei	1.439,-	1.439,-	1.439,-	1.439,-	1.439,-	1.439,-	1.439,-	1.439,-	1.439,-
Set Price	**Lei**	**6.465,-**	**6.631,-**	**6.949,-**	**7.486,-**	**7.811,-**	**8.033,-**	**9.750,-**	**10.157,-**	**10.582,-**

Note: Standard panel BYCQ140E must be removed from the order when ordering a different panel.

Standard Accessories

Drain pump (850mm delivery height from level of false ceiling)
Suction air filter

Optional Accessories

Control		Price Lei
BRC7FA532F	Infra-red wireless remote controller for non-designer panel combinations - Note: not compatible with Presence & Floor sensors and no individual flap control	983,-
BRC7FA532FB	Infra-red wireless remote controller in black for non-designer panel combinations - Note: not compatible with Presence & Floor sensors and no individual flap control	983,-
BRC7FB532F	Infra-red wireless remote controller for the white designer panel combination - Note: not compatible with Presence & Floor sensors and no individual flap control	996,-
BRC7FB532FB	Infra-red wireless remote controller for the black designer panel combination - Note: not compatible with Presence & Floor sensors and no individual flap control	996,-
BRC1D52	Basic wired remote controller with weekly timer - Note: not compatible with Presence & Floor sensors and no individual flap control	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	956,-
BRC1E53*	**BRC1E53*** Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	831,-
BRYQ140B	Presence & Floor sensors for **BYCQ140E, BYCQ140EGF, BYCQ140EW**	759,-
BRYQ140BB	Presence & Floor sensors for **BYCQ140EB, BYCQ140EGFB**	759,-
BRYQ140C8	Presence & Floor sensors for **BYCQ140EP**	759,-
BRYQ140C8B	Presence & Floor sensors for **BYCQ140EPB**	759,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

Other		Price Lei
BYCQ140EB	Standard decoration panel in black (RAL 9005)	1.548,-
BYCQ140EGF	Auto cleaning decoration panel in white (RAL 9010) with finer mesh filter - Must be combined with the **BRC1E*** or **BRC1H***. NOTE: The following options cannot be used together with the Self-cleaning Decoration Panel: - BRC7FA532F Infra-red wireless remote controller - BRC1D52 Basic wired remote controller - EKRP1C11 Wiring adaptor (use KRP1C12 instead) - KRP1H98 Installation box for adaptors (use KRP1J98 instead) - Fresh Air Intake Kit - KRP4A53 Wiring adaptor for external monitoring/control - KDBHQ55B140 Sealing kit for 3-directional or 2-directional air discharge	2.781,-
BYCQ140EGFB	Black Auto cleaning decoration panel (RAL 9005) with finer mesh filter. Not suitable for high humid or greasy environments.	2.891,-
BYCQ140EW	Full-white (RAL9010) Decoration panel (including white louvers).	1.623,-
BYCQ140EP	New Designer panel in white (RAL 9010)	1.585,-
BYCQ140EPB	New Designer panel in black (RAL 9005)	1.805,-
CE.KDDQ55B140	Fresh air intake kit for max 20% fresh air (consisting of two parts)	2.736,-
KDBHQ56B140	Sealing kit for 3-directional or 2-directional air discharge	670,-
KAFP551K160	Replacement long life filter	537,-

FXZQ-A Fully flat Cassette

VRV ceiling mounted cassette (600 x 600 mm)

The new Fully Flat Cassette - it protrudes only 8 mm from the ceiling and fits exactly into one Euro-raster tile, without overlaping neighbouring slides
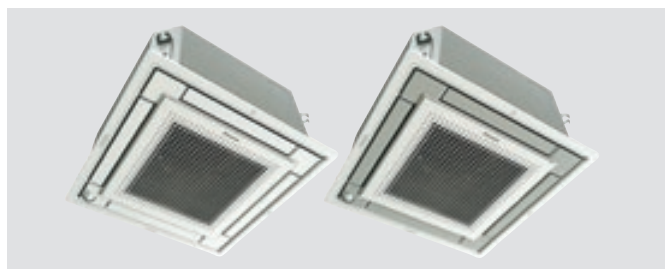
Type		SB.FXZQ15A-2	SB.FXZQ20A-2	SB.FXZQ25A-2	SB.FXZQ32A-2	SB.FXZQ40A-2	SB.FXZQ50A-2
Main unit		FXZQ15A	FXZQ20A	FXZQ25A	FXZQ32A	FXZQ40A	FXZQ50A
Decoration panel (full white design)		BYFQ60C2W1W	BYFQ60C2W1W	BYFQ60C2W1W	BYFQ60C2W1W	BYFQ60C2W1W	BYFQ60C2W1W
Cooling capacity	kW	1,7	2,2	2,8	3,6	4,5	5,6
Heating capacity	kW	1,9	2,5	3,2	4,0	5,0	6,3
Price – Main unit	Lei	5.041,-	5.174,-	5.248,-	5.568,-	6.175,-	6.287,-
Price – Decoration panel	Lei	1.383,-	1.383,-	1.383,-	1.383,-	1.383,-	1.383,-
Set Price	**Lei**	**6.424,-**	**6.557,-**	**6.631,-**	**6.951,-**	**7.558,-**	**7.670,-**

Note: Standard panel **BYFQ60C2W1W** must be removed from the order when ordering a different panel.

Standard Accessories

Drain pump (750 mm delivery height from level of false ceiling)
Suction air filter

Optional Accessories

Control		Lei
BRC7F530W	Infra-red wireless remote controller for **BYFQ60C2W1W** - Note: no individual flap control possible	988,-
BRC7F530S	Infra-red wireless remote controller for **BYFQ60C2W1S** - Note: no individual flap control possible	988,-
BRC7EB530W	Infra-red wireless remote controller for **BYFQ60B3W1**	1.125,-
BRC1D52	Basic wired remote controller with weekly timer - Note: not compatible with Presence & Floor sensors and no individual flap control	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	956,-
BRC1E53*	**BRC1E53*** Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	831,-
BRYQ60AW	Presence & Floor sensors for **BYFQ60C2W1W** - Note: must be combined with the **BRC1E53A** for Austria, **BRC1E53B** for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian, **BRC1E53C** for Slovakian and Albanian Standard wired remote controller	759,-
BRYQ60AS	Presence & Floor sensors for **BYFQ60C2W1S** - Note: must be combined with the **BRC1E53A** for Austria, **BRC1E53B** for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian, **BRC1E53C** for Slovakian and Albanian Standard wired remote controller	759,-

BRC1E53* & **BRC1H51*** duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

| Other		Price Lei
BYFQ60C2W1W	Fully Flat Decoration panel - full white design - Included in above calculated Set price	1.383,-
BYFQ60C2W1S	Fully Flat Decoration panel - silver/white design	1.475,-
BYFQ60B3W1	Legacy design Euro-raster decoration panel (outlook as previous generation unit) - Note: does not have individual flap control	1.369,-
BDBHQ44C60	Sealing kit for 3-directional or 2-direction air discharge for **BYFQ*** panels	567,-
KDBQ44B60	Panel spacer for reduced installation space - Only possible for use with Legacy design panel **BYFQ60B3W1**	2.599,-
KDDQ44XA60	Fresh air intake kit (connecting flange for ait duct)	856,-

Indoor units

FXCQ-A

VRV ceiling mounted cassette (2-way blow)

With a new fresh-white decoration panel with individual flap control
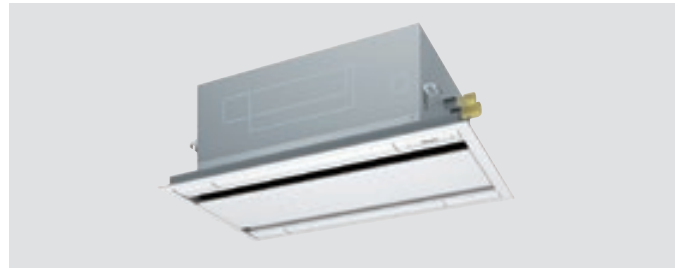
Type		SB. FXCQ20A.WP	SB. FXCQ25A.WP	SB. FXCQ32A.WP	SB.FXCQ40A.WP	SB. FXCQ50A.WP	SB. FXCQ63A.WP	SB. FXCQ80A.WP	SB. FXCQ125A.WP
Main unit		FXCQ20A	FXCQ25A	FXCQ32A	FXCQ40A	FXCQ50A	FXCQ63A	FXCQ80A	FXCQ125A
Decoration panel		BYBCQ40H	BYBCQ40H	BYBCQ40H	BYBCQ40H	BYBCQ63H	BYBCQ63H	BYBCQ125H	BYBCQ125H
Cooling capacity	kW	2,2	2,8	3,6	4,5	5,6	7,0	9,0	14,0
Heating capacity	kW	2,5	3,2	4,0	5,0	6,3	8,0	10,0	16,0
Price – Main unit	Lei	4.918,-	4.970,-	5.127,-	5.551,-	5.744,-	5.819,-	7.777,-	9.486,-
Price – Decoration panel	Lei	3.394,-	3.394,-	3.394,-	3.394,-	3.896,-	3.896,-	4.433,-	4.433,-
Set Price	**Lei**	**8.312,-**	**8.364,-**	**8.521,-**	**8.945,-**	**9.640,-**	**9.715,-**	**12.210,-**	**13.919,-**

Standard Accessories

Drain pump (600 mm delivery height from level of false ceiling)	
Suction air filter	

Optional Accessories

Control		Price Lei
BRC7C52	Infra-red wireless remote controller - Note: no individual flap control	**1.291,-**
BRC1D52	Basic wired remote controller with weekly timer - Note: no individual flap control	**588,-**
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	**956,-**
BRC1E53*	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	**831,-**

BRC1E53* & **BRC1H51*** duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please the Accessories overview and combination table on pages 50-51.

FXKQ-MA

VRV ceiling mounted cassette (1-way blow)

Uniquely slim design means this unit needs very little false ceiling space

Type		SB.FXKQ25MA.WP	SB.FXKQ32MA.WP	SB.FXKQ40MA.WP	SB.FXKQ63MA.WP
Main unit		FXKQ25MA	FXKQ32MA	FXKQ40MA	FXKQ63MA
Decoration panel		BYK45FJW1	BYK45FJW1	BYK45FJW1	BYK71FJW1
Cooling capacity	kW	2,8	3,6	4,5	7,1
Heating capacity	kW	3,2	4,0	5,0	8,0
Price – Main unit	Lei	5.695,-	5.727,-	5.786,-	6.488,-
Price – Decoration panel	Lei	2.447,-	2.447,-	2.447,-	2.661,-
Set Price	**Lei**	**8.142,-**	**8.174,-**	**8.233,-**	**9.149,-**

Standard Accessories

Drain pump (500 mm delivery height from of false ceiling)	
Suction air filter	

Optional Accessories

Control		Price Lei
BRC4C61	Infra-red wireless remote controller	**1.966,-**
BRC1D52	Basic wired remote controller with weekly timer	**588,-**
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	**956,-**
BRC1E53*	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	**831,-**

BRC1E53* & **BRC1H51*** duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

Indoor units

FXUQ-A

VRV 4-way blow ceiling suspended unit

Provides the air distrubtion of a 4-way blow cassette without requiring a false ceiling. Now with individual flap control and a fresh new design.

Type		FXUQ71A	FXUQ100A
Main unit		FXUQ71A	FXUQ100A
Cooling capacity	kW	8,0	11,2
Heating capacity	kW	9,0	12,5
Price	Lei	10.486,-	11.817,-

Standard Accessories

Drain pump (350 mm delivery height from top of unit)
Suction air filter

Optional Accessories

Control		Price Lei
BRC7C58	Infra-red wireless remote controller	1.291,-
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace BRC1E53* after stock out	956,-
BRC1E53A	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	831,-
BRC1E53B	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	831,-
BRC1E53C	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	831,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

Other		Price Lei
KDBHP49B140	Sealing kit for an air outlet	1.150,-
KDBTP49B140	Decoration panel for a sealed air outlet	1.793,-

FXHQ-A

VRV Ceiling suspended unit

In a new fresh-white design with a flap that fully closes when the unit is off

Type		FXHQ32A	FXHQ63A	FXHQ100A
Main unit		FXHQ32A	FXHQ63A	FXHQ100A
Cooling capacity	kW	3,6	7,1	11,2
Heating capacity	kW	4,0	8,0	12,5
Price	Lei	7.026,-	7.660,-	8.819,-

Standard Accessories

Suction air filter

Optional Accessories

Control		Price Lei
BRC7GA53-9	Infra-red wireless remote controller	1.362,-
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	956,-
BRC1E53A	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	831,-
BRC1E53B	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	831,-
BRC1E53C	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	831,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.
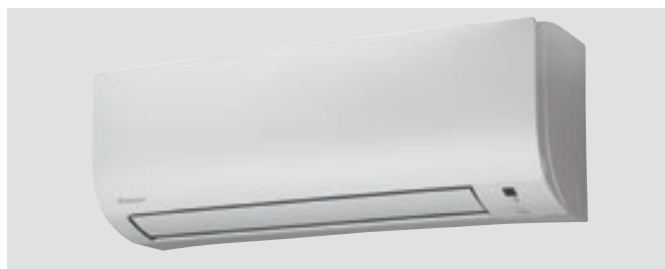
Other		Price Lei
KDDQ50A140	Fresh air intake kit	1.262,-
KDU50P60	Drain pump kit for FXHQ32A	4.661,-
KDU50P140	Drain pump kit for FXHQ63~100A	6.423,-

FXAQ-A

VRV Wall mounted unit

Ideal for refurbishment projects with no false ceilings

Type		FXAQ15A	FXAQ20A	FXAQ25A	FXAQ32A	FXAQ40A	FXAQ50A	FXAQ63A
Main unit		FXAQ15A	FXAQ20A	FXAQ25A	FXAQ32A	FXAQ40A	FXAQ50A	FXAQ63A
Cooling capacity	kW	1,7	2,2	2,8	3,6	4,5	5,6	7,1
Heating capacity	kW	1,9	2,5	3,2	4,0	5,0	6,3	8,0
Price	Lei	3.914,-	4.036,-	4.134,-	4.199,-	4.330,-	4.512,-	4.627,-

Standard Accessories

Suction air filter

Optional Accessories

Control		Price Lei
BRC7EA628	Infra-red wireless remote controller	1.104,-
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace BRC1E53* after stock out	956,-
BRC1E53*	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. BRC1E53A for AT; BRC1E53B for CZ, HR, HU, RO, SI, BG; BRC1E53C for SK and AL.	831,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

Other		Price Lei
K-KDU572EVE	External drain pump kit (1000 mm delivery height)	4.068,-

Multi zoning kit for concealed ceiling units

The multi-zoning system is a room-by-room controller. It is fitted with motorised dampers, which immediately adapt using Daikin ducted solutions. This system supports control of up to 8 zones via a centralised thermostat located in the main room and individual thermostats for each of the zones.
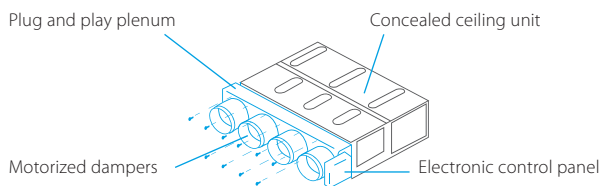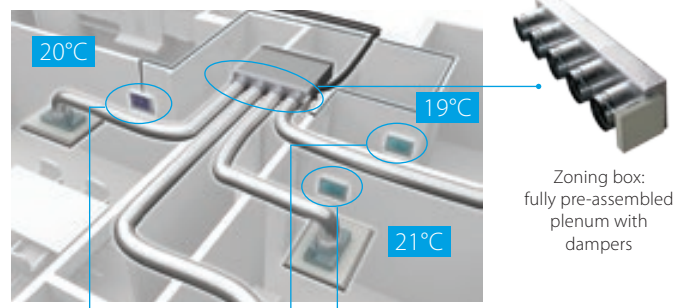
Benefits

Increased comfort

› Increases comfort levels by allowing more individual zone control
  - Up to 8 individual zones can be served thanks to separate modulating dampers
  - Individual thermostat for room-by-room or zone-by-zone control

Easy to install

› Automatic air flow adjustment according to the demand
› Easy to install, integrates with the Daikin indoor units and system controls
› Time saving as plenum comes fully pre-assembled with dampers, and control boards
› Reduces the amount of refrigerant required in the installation

Plug and play plenum — Concealed ceiling unit
Motorized dampers — Electronic control panel

How does it work?

20°C   19°C   21°C

Zoning box: fully pre-assembled plenum with dampers

Individual zone thermostats

Blueface - Airzone Main Thermostat
› Color graphic interface for controlling zones
› Wired communication

AZCE6BLUEFACECB

Price Lei
1.332,-

Airzone Zone Thermostat
› Graphic interface with low-energy e-ink screen for controlling zones
› Radio communication

AZCE6THINKRB

Price Lei
1.525,-

Airzone Zone Thermostat
› Thermostat with buttons for controlling the temperature
› Radio communication

AZCE6LITERB

| Price Lei |
|---|
| 1.195,- |

Compatibility

Number of motorised dampers	Reference	Dimensions H x W x D (mm)	FDXM-F9 25	35	50	60	FBA-A9 35	50	60	71	100	125	140	ADEA-A 71	100	125	FXDQ-A3 15	20	25	32	40	50	63	FXSQ-A 15	20	25	32	40	50	63	71	80	100	125	140	Price Lei
Standard Ceiling Void 2	AZEZ6DAIST07XS2	300 x 930 x 454															•	•	•	•																	7.133,-
	AZEZ6DAIST07S2	300 x 930 x 454					•	•																					•	•							7.133,-
3	AZEZ6DAIST07XS3	300 x 930 x 454															•	•	•	•																	7.680,-
	AZEZ6DAIST07S3	300 x 930 x 454					•	•																					•	•							7.680,-
4	AZEZ6DAIST07S4	300 x 930 x 454					•	•																					•	•							8.191,-
	AZEZ6DAIST07M4	300 x 1.140 x 454							•	•				•																		•	•				8.191,-
5	AZEZ6DAIST07M5	300 x 1.425 x 454							•	•				•																		•	•				9.158,-
	AZEZ6DAIST07L5	300 x 1.425 x 454									•	•	•		•	•																		•	•		9.158,-
6	AZEZ6DAIST07M6	300 x 1.638 x 454							•	•				•																		•	•				10.476,-
	AZEZ6DAIST07L6	300 x 1.638 x 454									•	•	•		•	•																		•	•		10.476,-
7	AZEZ6DAIST07L7	515 x 1.425 x 454									•	•	•		•	•																		•	•		11.068,-
	AZEZ6DAIST07XL7	515 x 1.425 x 454																																		•	11.068,-
8	AZEZ6DAIST07L8	515 x 1.425 x 454									•	•	•		•	•																		•	•		11.666,-
	AZEZ6DAIST07XL8	515 x 1.425 x 454																																		•	11.666,-
Compact Ceiling Void 2	AZEZ6DAISL01S2	210 x 720 x 444	•	•													•	•	•	•																	7.406,-
3	AZEZ6DAISL01S3	210 x 720 x 444	•	•													•	•	•	•																	7.963,-
4	AZEZ6DAISL01M4	210 x 930 x 444																			•	•															8.500,-
5	AZEZ6DAISL01L5	210 x 1.140 x 444			•	•																												•			9.073,-

Indoor units

FXDQ-A3

VRV Concealed ceiling unit (Slim)

With it's 20 cm, this unit is one of the slimmest in the market, requiring just very little false ceiling space. And now it boasts an energy saving inverter fan motor!

Now with the option of self cleaning filter; saving energy up to 20%!
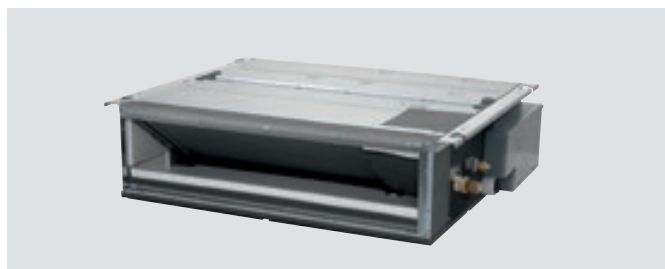
Type		FXDQ15A3	FXDQ20A3	FXDQ25A3	FXDQ32A3	FXDQ40A3	FXDQ50A3	FXDQ63A3
Main unit		FXDQ15A3	FXDQ20A3	FXDQ25A3	FXDQ32A3	FXDQ40A3	FXDQ50A3	FXDQ63A3
Cooling capacity	kW	1,7	2,2	2,8	3,6	4,5	5,6	7,1
Heating capacity	kW	1,9	2,5	3,2	4,0	5,0	6,3	8,0
External static pressure (Nom./High)	Pa	10/30				15/44		
Price	Lei	3.917,-	4.041,-	4.286,-	4.562,-	4.839,-	5.137,-	5.455,-

Standard Accessories

Drain pump (750 mm delivery height from top of unit)
Suction air filter

Optional Accessories

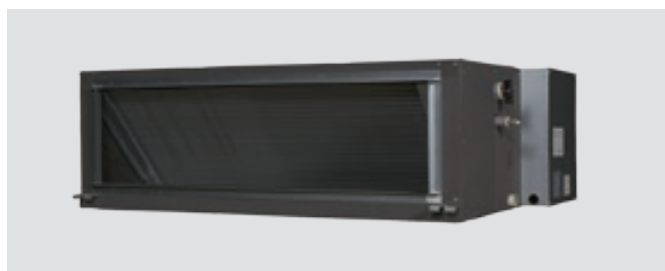| Control		Price Lei
BRC4C65	Infra-red wireless remote controller with external receiver	502,-
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	956,-
BRC1E53*	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	831,-
BRC2E52C	Simplified wired remote control with operation mode button	735,-
BRC3E52C	Simplified wired remote control without operation mode button.	735,-
BAE20A62	Auto cleaning filter for **FXDQ15-32A3**	2.300,-
BAE20A82	Auto cleaning filter for **FXDQ40-50A3**	2.435,-
BAE20A102	Auto cleaning filter for **FXDQ63A3**	2.571,-
BAEVACEP	Reducer to allow the usage of variable vacuum cleaners. Compatible with all three auto cleaning option kits.	107,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

FXMQ-MB

VRV Concealed ceiling unit (Large)

Powerful units for central air processing and distribution via extensive duct systems.

Type		FXMQ200MB	FXMQ250MB
Main unit		FXMQ200MB	FXMQ250MB
Cooling capacity	kW	22,4	28,0
Heating capacity	kW	25,0	31,5
External static pressure (Nom./High)	Pa	160/270	170/270
Price	Lei	15.051,-	15.435,-

Optional Accessories

Control		Price Lei
BRC4C65	Infra-red wireless remote controller with external receiver	502,-
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	956,-
BRC1E53*	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	831,-
BRC2E52C	Simplified wired remote control with operation mode button	735,-
BRC3E52C	Simplified wired remote control without operation mode button.	735,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

Indoor units

FXSQ-A

VRV Concealed ceiling unit (Standard)

With inverter fan motors, these units offer more than 9 different ESP settings or an automatic air-flow adjustment function for precise tuning to the real installation. Improved height, sound, ESP and efficiency values! Lowest built-in height in the market!
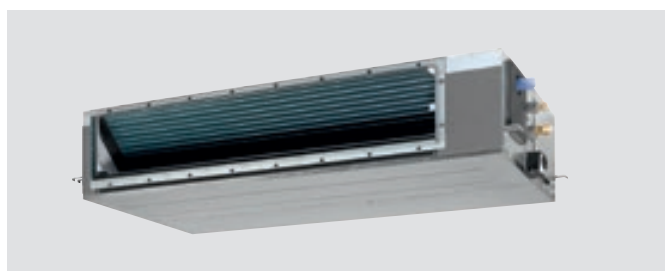
Type		FXSQ15A	FXSQ20A	FXSQ25A	FXSQ32A	FXSQ40A	FXSQ50A
Main unit		FXSQ15A	FXSQ20A	FXSQ25A	FXSQ32A	FXSQ40A	FXSQ50A
Cooling capacity	kW	1,7	2,2	2,8	3,6	4,5	5,6
Heating capacity	kW	1,9	2,5	3,2	4,0	5,0	6,3
External static pressure (Nom./High)	Pa			30/150			
Price	Lei	4.620,-	4.865,-	5.078,-	5.127,-	5.460,-	5.684,-

Type		FXSQ63A	FXSQ80A	FXSQ100A	FXSQ125A	FXSQ140A
Main unit		FXSQ63A	FXSQ80A	FXSQ100A	FXSQ125A	FXSQ140A
Cooling capacity	kW	7,1	9,0	11,2	14,0	15,7
Heating capacity	kW	8,0	10,0	12,5	16,0	17,9
External static pressure (Nom./High)	Pa	30/150	40/150		50/150	50/150
Price	Lei	5.807,-	7.362,-	7.623,-	7.777,-	8.554,-

FXMQ-P7

VRV Concealed ceiling unit (High ESP)

Providing up to 200 Pa of ESP, these are powerful units for installations with long ducts. Inverter fan motors provide up to 15 ESP settings or an automatic air-flow adjustment function.
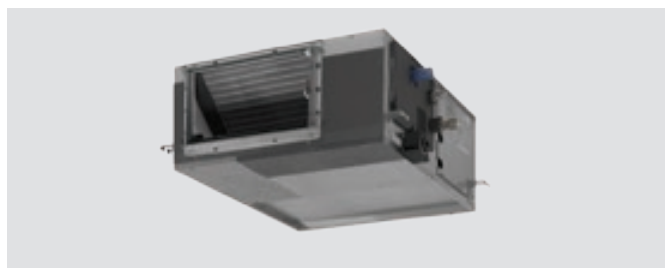
Type		FXMQ50P7	FXMQ63P7	FXMQ80P7	FXMQ100P7	FXMQ125P7
Main unit		FXMQ50P7	FXMQ63P7	FXMQ80P7	FXMQ100P7	FXMQ125P7
Cooling capacity	kW	5,6	7,1	9,0	11,2	14,0
Heating capacity	kW	6,3	8,0	10,0	12,5	16,0
External static pressure (Nom./High)	Pa			100/200		
Price	Lei	5.978,-	6.105,-	7.728,-	8.001,-	8.170,-

Standard Accessories for FXSQ-A & FXMQ-P7

Drain pump (625mm delivery height from drain outlet
Suction air filter for bottom or rear suction

Optional Accessories for FXSQ-A & FXMQ-P7

Control		Price Lei
BRC4C65	Infra-red wireless remote controller with external receiver	502,-
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	956,-
BRC1E53*	**BRC1E53*** Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	831,-
BRC2E52C	Simplified wired remote control with operation mode button	735,-
BRC3E52C	Simplified wired remote control without operation mode button.	735,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

Other for FXSQ-A		Price Lei
KDAP25A36	Air discharge adaptor for round duct - for units 15-32	639,-
KDAP25A56	Air discharge adaptor for round duct - for FXSQ40~50A	750,-
KDAP25A71	Air discharge adaptor for round duct - for FXSQ63~80A	1.556,-
KDAP25A140	Air discharge adaptor for round duct - for FXSQ100~125A	2.401,-

Other for FXMQ-P7		Price Lei
KDAJ25K71	Air discharge adaptor for round duct 2x ø200mm - for FXMQ50~80P7	1.545,-
KDAJ25K140	Air discharge adaptor for round duct 4x ø200mm - for FXMQ100~125P7	2.381,-

FXLQ-P

VRV floor standing unit

Thanks to the optional rear decoration panel, this floor standing unit can now be used also along full-height windows or in the middle of the room, as a space separator.

Type		FXLQ20P	FXLQ25P	FXLQ32P	FXLQ40P	FXLQ50P	FXLQ63P
Main unit		FXLQ20P	FXLQ25P	FXLQ32P	FXLQ40P	FXLQ50P	FXLQ63P
Cooling capacity	kW	2,2	2,8	3,6	4,5	5,6	7,1
Heating capacity	kW	2,5	3,2	4,0	5,0	6,3	8,0
Price	Lei	6.026,-	6.218,-	6.414,-	6.595,-	6.983,-	7.409,-

Standard Accessories

Suction air filter

Optional Accessories

Control		Price Lei
BRC4C65	Infra-red wireless remote controller with external receiver	502,-
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	956,-
BRC1E53*	**BRC1E53*** Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	831,-
BRC2E52C	Simplified wired remote control with operation mode button	735,-
BRC3E52C	Simplified wired remote control without operation mode button.	735,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

Other		Price Lei
EKRDP25	Rear decoration panel - for units FXLQ20~25P	639,-
EKRDP40	Rear decoration panel - for units FXLQ32~40P	776,-
EKRDP63	Rear decoration panel - for units FXLQ50~63P	917,-

FXNQ-A

VRV concealed floor standing unit

Ideal for building into window-sils or furniture. Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible. Requires very little installation space (200mm of depth) and high ESP allows flexible installation.

Type		FXNQ20A	FXNQ25A	FXNQ32A	FXNQ40A	FXNQ50A	FXNQ63A
Main unit		FXNQ20A	FXNQ25A	FXNQ32A	FXNQ40A	FXNQ50A	FXNQ63A
Cooling capacity	kW	2,2	2,8	3,6	4,5	5,6	7,1
Heating capacity	kW	2,5	3,2	4,0	5,0	6,3	8,0
External static pressure (Nom./High)	Pa	10/41		10/42	15/52	15/59	15/55
Price	Lei	5.131,-	5.329,-	5.499,-	5.670,-	6.015,-	6.383,-

Standard Accessories

Suction air filter

Optional Accessories

Control		Price Lei
BRC4C65	Infra-red wireless remote controller with external receiver	502,-
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	956,-
BRC1E53*	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	831,-
BRC2E52C	Simplified wired remote control with operation mode button	735,-
BRC3E52C	Simplified wired remote control without operation mode button.	735,-

**BRC1E53* & BRC1H51*** duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

HXY-A8

VRV IV low temperature reversible hydrobox

Heat or cool down water with the same VRV IV system that you use for DX heating or cooling - ideal for floor-heating of high rooms or rooms, where DX units are unsuitable (small restrooms, etc.)

IMPORTANT: Combinable only with RYYQ-U, RXYQ-U, REYQ-U systems

Type		HXY080A8	HXY125A8
Main unit		HXY080A8	HXY125A8
Nominal cooling capacity	kW	8,0	12,5
Nominal heating capacity	kW	9,0	14,0
Price	Lei	10.794,-	15.116,-

Standard Accessories

Remote controller with leaving water temperature contol
Hydraulic components (circulation pump, expansions vessel, safety valve, etc.)
Expansion valve for connection to the VRV system

Optional Accessories

Control		Price Lei
EKHBDPCA2	Optional drain pan (required for cooling operation)	688,-
EKRP1AHTA	Demand PCB - Required to be able to connect Room thermostat	638,-
EKRUAHTB	Remote user interface - Same controller as supplied with hydrobox unit can be mounted parallel or in another location.	937,-
EKRTWA	Wired Room thermostat - Requires Demand PCB EKRP1AHT	596,-
EKRTR1	Wireless Room thermostat - Requires Demand PCB EKRP1AHT	1.177,-
EKRTETS	Remote sensor for Room thermostat - Requires Demand PCB EKRP1AHT	77,-
EKBUHA6V3	6kW external back-up heater, 1-phase (230V) power supply	2.753,-
EKBUHA6W1	6kW external back-up heater, 3-phase (400V) power supply	2.753,-

HXHD-A8

VRV IV heat recovery High temperature heating only hydrobox

80°C hot water from energy recovered during cooling operation with pure heat pump technology - no direct electrical heaters - thanks to a unique R-410A-R-134a cascade refrigerant system.

IMPORTANT: Only combinable with REYQ-U systems

Type		HXHD125A8	HXHD200A8
Main unit		HXHD125A8	HXHD200A8
Nominal heating capacity	kW	14,0	22,4
Price	Lei	20.913,-	31.369,-

Standard Accessories

Remote controller for external installation
Hydraulic components (circulation pump, expansions vessel, safety valve, etc.)
R-134a factory charge – no field charge of R-134a is neccessary

Optional Accessories

Control		Price Lei
EKRP1HBA	Digital I/O PCB	624,-
EKRP1AHT	Demand PCB - Required to be able to connect Room thermostat	638,-
EKRUAHTB	Remote user interface - Same controller as supplied with Cascade unit can be mounted parallel or in another location.	937,-
EKRTWA	Wired Room thermostat - Requires Demand PCB EKRP1AHT	596,-
EKRTR1	Wireless Room thermostat - Requires Demand PCB EKRP1AHT	1.177,-
EKRTETS	Remote sensor for Room thermostat - Requires Demand PCB EKRP1AHT	77,-
RTD-W	Modbus and advanced control adaptor for HT Hydrobox	1.962,-

Others
Sanitary water tanks of various sizes and configurations *
Solar connections and pump stations *

* for details and prices, refer to the Heating catalogue and price list, Altherma high temperatures sections. Heating discount policies apply for these accessories
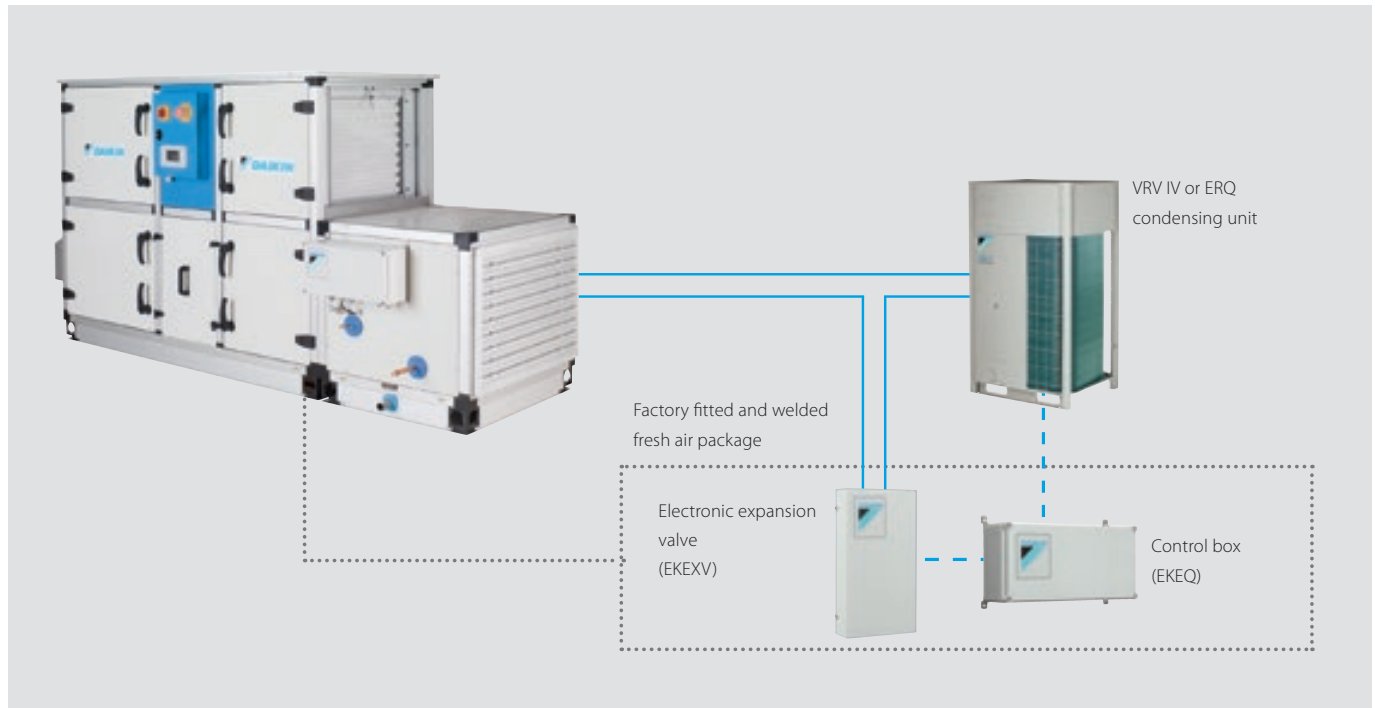
EKEQ*CBA & EKEXV-

VRV air handling unit Connection Kit

Allows a VRV system to also serve a DX heat exchanger installed in a separate air handling unit, for example to pre-cool or pre-heat fresh air.

Control Unit		EKEQMCBA	EKEQFCBA
Control type		Daikin control	Free (External) control
Control options		• Room temperature control [via Remote Controller (accessory) or via External room temperature sensor (accessory)] • Return air temperature control (via a supplied thermistor)	• (X-Control): 0~10V direct capacity control (5V = maintain capacity, >5V colder air wanted, <5V warmer air wanted) • (Y-Control): Fixed evaporation / condensation temperature control • (W-Control): 0~10V linear capacity control (0V = 0% capacity, 10V = 100% capacity
Combination limitations		For system design limitations, please refer to selection information on pages 54-56.	Only allowed under the following conditions: • Maximum 3 EKEQFCBA boxes on one system • For one AHU (single interleaved DX heat exchanger) • No other indoor units connected to system • Connection ratio 90 ~ 110% (VRV) • Connection ratio 50 ~ 110% (ERQ)
Price EKEQ*CBA	Lei	5.329,-	4.027,-

Expansion Valve Unit		EKEXV50	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250	EKEXV400	EKEXV500
Nominal cooling capacity	kW	5,6	7,1	9,0	11,2	14,0	16,0	22,4	28,0	44,8	56,0
Nominal heating capacity	kW	6,3	8,0	10,0	12,5	16,0	18,0	25,0	31,5	50,0	63,0
Allowed heat exchanger capacity	kW	5,0~6,2	6,3~7,8	7,9~9,9	10,0~12,3	12,4~15,4	15,5~17,6	17,7~24,6	24,7~30,8	35,4~49,5	49,6~61,6
Price	Lei	856,-	888,-	933,-	973,-	1.029,-	1.059,-	1.154,-	1.226,-	1.348,-	1.485,-

Optional Accessories

Control		Price Lei
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace BRC1E53* after stock out	956,-
BRC1E53*	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. BRC1E53A for AT; BRC1E53B for CZ, HR, HU, RO, SI, BG; BRC1E53C for SK and AL.	831,-
KRCS01-1	Remote air temperature sensor	461,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

For other control accessories and adaptor cards, please see the Accessories overview and combination table on pages 50-51.

Ventilation units

CYV-DK-F

Air curtain for VRV connection – Free hanging

Air curtains for under-ceiling installation, hung on suspension bolts. Decoration panels to hide suspension bolts are available as an accessory.
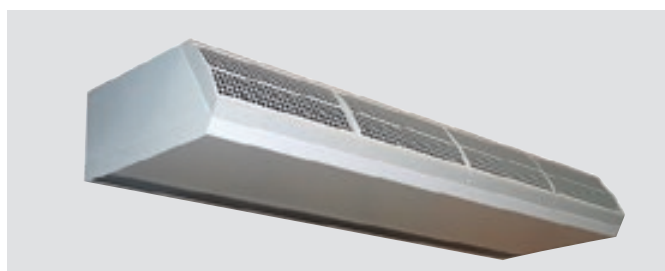
Free-hanging for door height 200-230cm		100cm wide	150cm wide	200cm wide	250cm wide
Main unit in white color (RAL9016)		CYVS100DK80FBC	CYVS150DK80FBC	CYVS200DK100FBC	CYVS250DK140FBC
Main unit in grey color (RAL9006)		CYVS100DK80FSC	CYVS150DK80FSC	CYVS200DK100FSC	CYVS250DK140FSC
VRV capacity index		80	80	100	140
Price	Lei	24.722,-	31.491,-	38.063,-	42.473,-

Free-hanging for door height 230-250cm		100cm wide	150cm wide	200cm wide	250cm wide
Main unit in white color (RAL9016)		CYVM100DK80FBC	CYVM150DK80FBC	CYVM200DK100FBC	CYVM250DK140FBC
Main unit in grey color (RAL9006)		CYVM100DK80FSC	CYVM150DK80FSC	CYVM200DK100FSC	CYVM250DK140FSC
VRV capacity index		80	80	100	140
Price	Lei	28.281,-	36.235,-	44.898,-	51.096,-

Free-hanging for door height 250-300cm		100cm wide	150cm wide	200cm wide	250cm wide
Main unit in white color (RAL9016)		CYVL100DK125FBC	CYVL150DK200FBC	CYVL200DK250FBC	CYVL250DK250FBC
Main unit in grey color (RAL9006)		CYVL100DK125FSC	CYVL150DK200FSC	CYVL200DK250FSC	CYVL250DK250FSC
VRV capacity index		125	200	250	250
Price	Lei	36.031,-	47.937,-	59.025,-	68.560,-

CYV-DK-C

Air curtain for VRV connection – Cassette

Air curtains for in-ceiling installation - only the units decoration panel is visible. Require false ceiling space, decoration panel provided together with main unit.
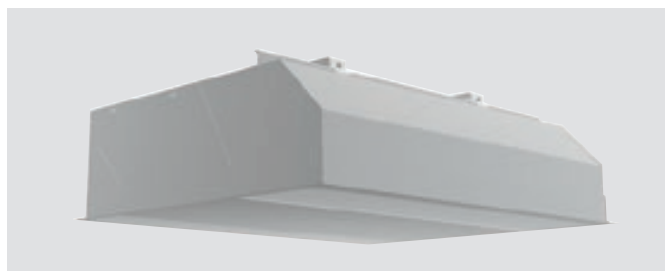
Recessed for door height 200-230cm		100cm wide	150cm wide	200cm wide	250cm wide
Main unit in white color (RAL9016)		CYVS100DK80CBC	CYVS150DK80CBC	CYVS200DK100CBC	CYVS250DK140CBC
Main unit in grey color (RAL9006)		CYVS100DK80CSC	CYVS150DK80CSC	CYVS200DK100CSC	CYVS250DK140CSC
VRV capacity index		80	80	100	140
Price	Lei	24.421,-	31.191,-	37.763,-	42.172,-

Recessed for door height 230-250cm		100cm wide	150cm wide	200cm wide	250cm wide
Main unit in white color (RAL9016)		CYVM100DK80CBC	CYVM150DK80CBC	CYVM200DK100CBC	CYVM250DK140CBC
Main unit in grey color (RAL9006)		CYVM100DK80CSC	CYVM150DK80CSC	CYVM200DK100CSC	CYVM250DK140CSC
VRV capacity index		80	80	100	140
Price	Lei	27.975,-	35.929,-	44.597,-	50.798,-

Recessed for door height 250-300cm		100cm wide	150cm wide	200cm wide	250cm wide
Main unit in white color (RAL9016)		CYVL100DK125CBC	CYVL150DK200CBC	CYVL200DK250CBC	CYVL250DK250CBC
Main unit in grey color (RAL9006)		CYVL100DK125CSC	CYVL150DK200CSC	CYVL200DK250CSC	CYVL250DK250CSC
VRV capacity index		125	200	250	250
Price	Lei	35.657,-	47.560,-	58.651,-	68.187,-

CYV-DK-R

Air curtain for VRV connection – Recessed

Air curtains for concealed installation - only the discharge and suction openings are visible. Require false ceiling space, ducts connecting suction chamber with main unit are to be supplied locally.
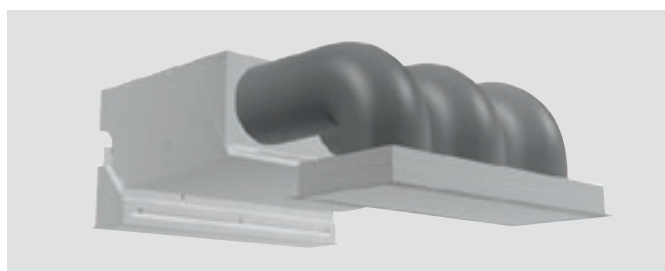
Recessed for door height 200-230cm		100cm wide	150cm wide	200cm wide	250cm wide
Main unit in white color (RAL9016)		CYVS100DK80RBC	CYVS150DK80RBC	CYVS200DK100RBC	CYVS250DK140RBC
Main unit in grey color (RAL9006)		CYVS100DK80RSC	CYVS150DK80RSC	CYVS200DK100RSC	CYVS250DK140RSC
VRV capacity index		80	80	100	140
Price	Lei	25.468,-	32.918,-	40.803,-	45.493,-

Recessed for door height 230-250cm		100cm wide	150cm wide	200cm wide	250cm wide
Main unit in white color (RAL9016)		CYVM100DK80RBC	CYVM150DK80RBC	CYVM200DK100RBC	CYVM250DK140RBC
Main unit in grey color (RAL9006)		CYVM100DK80RSC	CYVM150DK80RSC	CYVM200DK100RSC	CYVM250DK140RSC
VRV capacity index		80	80	100	140
Price	Lei	29.022,-	37.526,-	47.618,-	54.064,-

Recessed for door height 250-300cm		100cm wide	150cm wide	200cm wide	250cm wide
Main unit in white color (RAL9016)		CYVL100DK125RBC	CYVL150DK200RBC	CYVL200DK250RBC	CYVL250DK250RBC
Main unit in grey color (RAL9006)		CYVL100DK125RSC	CYVL150DK200RSC	CYVL200DK250RSC	CYVL250DK250RSC
VRV capacity index		125	200	250	250
Price	Lei	36.744,-	49.048,-	61.600,-	71.799,-

Air Curtains for VRV connection - Accessories
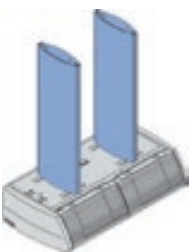
Standard accessories

Suction air filter
Biddle air curtain controller

Optional Accessories

Control		Price Lei
BRC1D52	Basic wired remote controller with weekly timer	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace BRC1E53* after stock out	956,-
BRC1E53A	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	831,-
BRC1E53B	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	831,-
BRC1E53C	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	831,-
RTD-NET	Modbus adaptor for basic integration into Modbus	1.422,-
RTD-20	Advanced control adaptor for external fan speed control, outdoor air control, and Modbus integration	2.268,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

Outlook		Price Lei
	CE.B_2-COVERS-H50 Optional covers for suspension racks; maximum suspension height of 50cm; for 100, 150, 200cm units	1.752,-
	CE.B_3-COVERS-H50 Optional covers for suspension racks; maximum suspension height of 50cm; for 250cm units	2.390,-
	CE.B_2-COVERS-H100 Optional covers for suspension racks; maximum suspension height of 100cm; for 100, 150, 200cm units	2.037,-
	CE.B_3-COVERS-H100 Optional covers for suspension racks; maximum suspension height of 100cm; for 250cm units	2.853,-
	CE.B_2-COVERS-H150 Optional covers for suspension racks; maximum suspension height of 150cm; for 100, 150, 200cm units	2.475,-
	CE.B_3-COVERS-H150 Optional covers for suspension racks; maximum suspension height of 150cm; for 250cm units	3.493,-

Ventilation units

CYQ-DK-F

Air curtain for ERQ pair connection – Free hanging

Air curtains for under-ceiling installation, hung on suspension bolts. Decoration panels to hide suspension bolts are available as an accessory.
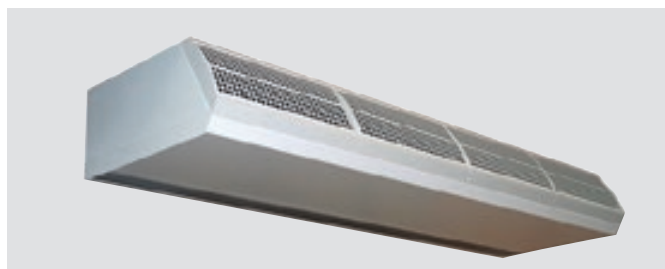
Free-hanging for door height 200-230 cm		150 cm wide	200 cm wide	250cm wide
Main Unit in white color (RAL9016)		CYQS150DK80FBN	CYQS200DK100FBN	CYQS250DK140FBN
Main Unit in grey color (RAL9006)		CYQS150DK80FSN	CYQS200DK100FSN	CYQS250DK140FSN
Capacity Index		80	100	140
Price	Lei	29.682,-	36.114,-	40.527,-

Free-hanging for door height 230-250 cm		100 cm wide	150 cm wide	200 cm wide	250 cm wide
Main Unit in white color (RAL9016)		CYQM100DK80FBN	CYQM150DK80FBN	CYQM200DK100FBN	CYQM250DK140FBN
Main Unit in grey color (RAL9006)		CYQM100DK80FSN	CYQM150DK80FSN	CYQM200DK100FSN	CYQM250DK140FSN
Capacity Index		80	80	100	140
Price	Lei	28.770,-	34.290,-	42.937,-	49.156,-

Free-hanging for door height 250-300 cm		100 cm wide	150 cm wide	200 cm wide	250 cm wide
Main Unit in white color (RAL9016)		CYQL100DK125FBN	CYQL150DK200FBN	CYQL200DK250FBN	CYQL250DK250FBN
Main Unit in grey color (RAL9006)		CYQL100DK125FSN	CYQL150DK200FSN	CYQL200DK250FSN	CYQL250DK250FSN
Capacity Index		125	200	250	250
Price	Lei	32.840,-	46.847,-	58.157,-	67.866,-

CYQ-DK-C

Air curtain for ERQ pair connection – Cassette

Air curtains for in-ceiling installation - only the units decoration panel is visible. Require false ceiling space, decoration panel provided together with main unit.
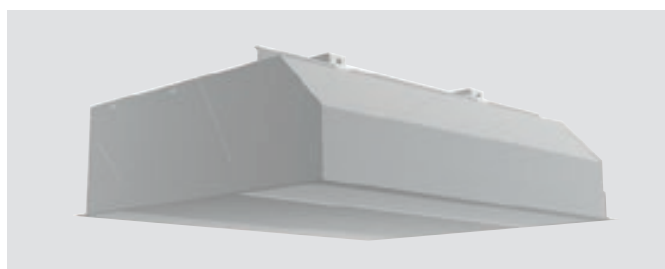
Cassette type for door height 200-230 cm		150 cm wide	200 cm wide	250cm wide
Main Unit in white color (RAL9016)		CYQS150DK80CBN	CYQS200DK100CBN	CYQS250DK140CBN
Main Unit in grey color (RAL9006)		CYQS150DK80CSN	CYQS200DK100CSN	CYQS250DK140CSN
Capacity Index		80	100	140
Price	Lei	29.682,-	36.114,-	40.527,-

Cassette type for door height 230-250 cm		100 cm wide	150 cm wide	200 cm wide	250 cm wide
Main Unit in white color (RAL9016)		CYQM100DK80CBN	CYQM150DK80CBN	CYQM200DK100CBN	CYQM250DK140CBN
Main Unit in grey color (RAL9006)		CYQM100DK80CSN	CYQM150DK80CSN	CYQM200DK100CSN	CYQM250DK140CSN
Capacity Index		80	80	100	140
Price	Lei	28.770,-	34.290,-	42.937,-	49.156,-

Cassette type for door height 250-300 cm		100 cm wide	150 cm wide	200 cm wide	250 cm wide
Main Unit in white color (RAL9016)		CYQL100DK125CBN	CYQL150DK200CBN	CYQL200DK250CBN	CYQL250DK250CBN
Main Unit in grey color (RAL9006)		CYQL100DK125CSN	CYQL150DK200CSN	CYQL200DK250CSN	CYQL250DK250CSN
Capacity Index		125	200	250	250
Price	Lei	32.040,-	46.847,-	58.157,-	67.866,-

CYQ-DK-R

Air curtain for ERQ pair connection – Recessed

Air curtains for concealed installation - only the discharge and suction openings are visible. Require false ceiling space, ducts connecting suction chamber with main unit are to be supplied locally.
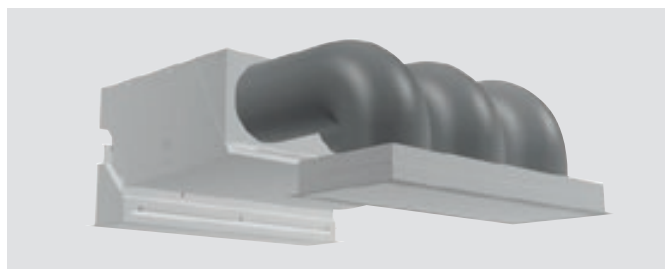
Recessed type for door height 200-230 cm		150 cm wide	200 cm wide	250 cm wide
Main Unit in white color (RAL9016)		CYQS150DK80RBN	CYQS200DK100RBN	CYQS250DK140RBN
Main Unit in grey color (RAL9006)		CYQS150DK80RSN	CYQS200DK100RSN	CYQS250DK140RSN
Capacity Index		80	100	140
Price	Lei	31.288,-	39.158,-	43.874,-

Recessed type for door height 230-250 cm		100 cm wide	150 cm wide	200 cm wide	250 cm wide
Main Unit in white color (RAL9016)		CYQM100DK80RBN	CYQM150DK80RBN	CYQM200DK100RBN	CYQM250DK140RBN
Main Unit in grey color (RAL9006)		CYQM100DK80RSN	CYQM150DK80RSN	CYQM200DK100RSN	CYQM250DK140RSN
Capacity Index		80	80	100	140
Price	Lei	29.701,-	35.881,-	45.969,-	52.419,-

Recessed type for door height 250-300 cm		100 cm wide	150 cm wide	200 cm wide	250 cm wide
Main Unit in white color (RAL9016)		CYQL100DK125RBN	CYQL150DK200RBN	CYQL200DK250RBN	CYQL250DK250RBN
Main Unit in grey color (RAL9006)		CYQL100DK125RSN	CYQL150DK200RSN	CYQL200DK250RSN	CYQL250DK250RSN
Capacity Index		125	200	250	250
Price	Lei	32.913,-	48.350,-	61.164,-	71.616,-

Note: these units are only for pair combination with ERQ outdoor units - see p. 39.

Air Curtains for ERQ pair connection - Accessories

Standard accessories
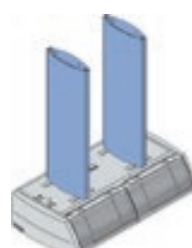
Suction air filter

Optional Accessories

Control		Price Lei
BRC1D52 *1	Basic wired remote controller with weekly timer	**588,-**
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace BRC1E53* after stock out	**956,-**
BRC1E53A *1	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria	**831,-**
BRC1E53B *1	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian	**831,-**
BRC1E53C *1	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian	**831,-**
RTD-NET *1	Modbus adaptor for basic integration into Modbus	**1.422,-**
RTD-20 *1	Advanced control adaptor for external fan speed control, outdoor air control, and Modbus integration	**2.268,-**

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

*1) At least one and maximum two control devices must be used for operation of the system - the system will not operate without a controller.

Outlook		Price Lei
	CE.B_2-COVERS-H50 Optional covers for suspension racks; maximum suspension height of 50cm; for 100, 150, 200cm units	**1.752,-**
	CE.B_3-COVERS-H50 Optional covers for suspension racks; maximum suspension height of 50cm; for 250cm units	**2.390,-**
	CE.B_2-COVERS-H100 Optional covers for suspension racks; maximum suspension height of 100cm; for 100, 150, 200cm units	**2.037,-**
	CE.B_3-COVERS-H100 Optional covers for suspension racks; maximum suspension height of 100cm; for 250cm units	**2.853,-**
	CE.B_2-COVERS-H150 Optional covers for suspension racks; maximum suspension height of 150cm; for 100, 150, 200cm units	**2.475,-**
	CE.B_3-COVERS-H150 Optional covers for suspension racks; maximum suspension height of 150cm; for 250cm units	**3.493,-**

VAM-FC & VAM-J

Heat Reclaim Ventilation (HRV) Units

Heat Reclaim Ventilation can save over 20% of energy compared to natural ventilation.

HRV unit		VAM150FC9	VAM250FC9	VAM350J	VAM500J	VAM650J	VAM800J	VAM1000J	VAM1500J*	VAM2000J*
Air flow rate	m³/h	150	250	350	500	650	800	1.000	1.500	2.000
External static pressure (max.)	Pa	90	80	150	120	120	200	170	200	170
SEC class		B	B	-	-	-	-	-	-	-
Electric power input at max fan speed	W	129	160	97	164	222	303	416	548	833
Sound level	dB	40,0	43,0	51,0	54,0	58,0	58,0	61,0	62,0	65,0
Price	Lei	6.582,-	7.157,-	9.150,-	9.851,-	12.811,-	14.296,-	17.294,-	25.843,-	32.562,-

All VAM models are LOT6 compliant, please check the databook for detailed technical specs.

* Plenums have to be ordered separately for these models (see accessories).

Standard Accessories

Air filter (class G3)

Optional Accessories

Control		Price Lei
BRC301B61	Wired remote controller for HRV	973,-
BRC1D52	Basic wired remote controller (for combined control together with standard VRV indoor units)	588,-
BRC1E53*	BRC1E53* Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. BRC1E53A for AT; BRC1E53B for CZ, HR, HU, RO, SI, BG; BRC1E53C for SK and AL.	831,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace BRC1E53* after stock out.	956,-
RTD-10	Universal control adaptor	1.891,-
RTD-NET	Modbus adaptor	1.422,-
RTD-20	Advanced control adaptor for VAM control based on CO_2 or presence sensor input	2.268,-

BRC1E53* & BRC1H51* duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

Other		Price Lei
BRP4A50 *1	Control kit for auxiliary 3rd party heater	933,-
KRP1C4 *1 / *2	Control kit for auxiliary 3rd party humidifier - not for VAM150/250FC9 units	on request
KRP50-2	Adaptor PCB for 3rd party humidifier control / for operation signal output - only for VAM150/250FC9 units	1.104,-
KRP2A51 *3	Wiring adaptor for electrical appendices	1.804,-
EKAFVJ50F6	M6-class high efficiency filter - for VAM350~500J units	750,-
EKAFVJ65F6	M6-class high efficiency filter - for VAM650 units	834,-
EKAFVJ100F6	M6-class high efficiency filter - for VAM800J & VAM1000J units; two kits are necessary for VAM1500~2000J units	1.003,-
EKAFVJ50F7	F7-class high efficiency filter - for VAM350~500J units	825,-
EKAFVJ65F7	F7-class high efficiency filter - for VAM650 units	918,-
EKAFVJ100F7	F7-class high efficiency filter - for VAM800J & VAM1000J units; two kits are necessary for VAM1500~2000J units	1.102,-
EKAFVJ50F8	F8-class high efficiency filter - for VAM350~500J units	918,-
EKAFVJ65F8	F8-class high efficiency filter - for VAM650 units	1.017,-
EKAFVJ100F8	F8-class high efficiency filter - for VAM800J & VAM1000J units; two kits are necessary for VAM1500~2000J units	1.222,-
BRYMA65	CO_2 sensor for demand-controlled ventilation - for VAM350~650J units	2.801,-
BRYMA100	CO_2 sensor for demand-controlled ventilation - for VAM800~1000J units	2.801,-
BRYMA200	CO_2 sensor for demand-controlled ventilation - for VAM1500~2000J units	2.801,-
*1) EKMPVAM	Mounting plate for control kit - only necessary for VAM1500~2000J units	269,-
*1) EKMP65VAM	Mounting plate for control kit only necessary for VAM650J unit	269,-
*2) KRP50-2A90	Installation box - only necessary for VAM650~1500~2000J units	on request
*3) KRP1BB101	Installation box - only necessary for VAM350-2000J units	364,-
KDDM24B100	Silencer for 250 mm round duct - for VAM650~1000J units; two kits are necessary for VAM1500~2000J units	3.688,-
KDDM24B50	Silencer for 200 mm round duct for VAM500J unit	3.724,-
EKPLEN200	plenum for VAM1500~2000J units - contains 1 plenum for half side (up to 4 plenums can be used on a single unit)	597,-

Ventilation units

NEW **GSIEKA**

Electrical heater for VAM

› Total solution for fresh air with Daikin supply of both VAM
  and electrical heaters
› Increased comfort in low outdoor temperature thanks
  to the heated outdoor air
› Integrated electrical heater concept
  (no additional accessories required)
› Standard dual flow and temperature sensor
› Flexible setting with adjustable setpoint
› Increased safety with 2 cut-outs: manual & automatic

Type	GSIEKA	10009	15018	20024	25030	35530
Capacity	kW	0,9	1,8	2,4	3,0	3,0
Diameter	mm	100	150	200	250	355
Connectable VAM		VAM150FC9	VAM250FC9	VAM350J, VAM500J	VAM650J, VAM800J, VAM1000J	VAM1500J, VAM2000J
Price	Lei	3.981,-	4.022,-	4.048,-	4.341,-	4.382,-

VKM-GB & VKM-GBM

VRV Heat Reclaim Ventilation (HRV) Units with DX coil

An HRV unit and a DX coild for pre-cooling or pre-heating in one.

HRV unit + DX coil		VKM50GB	VKM80GB	VKM100GB
Air flow rate	m/h	500	750	950
External static pressure (max.)	Pa	180	170	150
Cooling capacity (load on VRV system)	kW	3,5	5,6	7,0
Heating capacity (load on VRV system)	kW	3,5	5,6	7,0
Price	Lei	15.560,-	21.514,-	24.534,-

HRV unit + DX coil + humidifier		VKM50GBM	VKM80GBM	VKM100GBM
Air flow rate	m/h	500	750	950
External static pressure (max.)	Pa	160	140	110
Cooling capacity (load on VRV system)	kW	3,5	5,6	7,0
Heating capacity (load on VRV system)	kW	3,5	5,6	7,0
Humidification capacity	l/h	2,7	4,0	5,4
Price	Lei	18.863,-	25.786,-	28.984,-

Standard Accessories

Air filter (class G3)

Optional Accessories

Control		Price Lei
BRC1D52	Basic wired remote controller (for combined control together with standard VRV indoor units)	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace **BRC1E53*** after stock out	956,-
BRC1E53*	**BRC1E53*** Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions. **BRC1E53A** for AT; **BRC1E53B** for CZ, HR, HU, RO, SI, BG; **BRC1E53C** for SK and AL.	831,-
RTD-10	Universal control adaptor	1.891,-
RTD-NET	Modbus adaptor	1.422,-

BRC1E53* & **BRC1H51*** duty rotation and backup functions only work with Seasonal Smart or Alpha Sky Air outdoor units.

Other		Price Lei
BRP4A50A	Control kit for auxiliary 3rd party heater or humidifier	933,-
BRYMA65	CO_2 sensor for demand-controlled ventilation - for VKM50GB(M) units	2.801,-
BRYMA100	CO_2 sensor for demand-controlled ventilation - for VKM80~100GB(M) units	2.801,-
KDDM24B50	Silencer for 200 mm round duct - for VKM50GB(M) units	3.724,-
KDDM24B100	Silencer for 250 mm round duct - for VKM80~100GB(M) units	3.688,-

ALB-R/LB(S)

Premium efficiency heat recovery ventilation unit

› Available in 6 sizes with an air flow up to 3.600 m3/h
› Compliant with VDI 6022
› Exceeding ERP 2018 requirement
› Reduced energy consumption thanks to EC fans with IE4 motor efficiency
› From 150 Pa up to 500 Pa of external static pressure, depending on the model sizes
› Premium quality counter flow plate heat exchanger with efficiency up to 93%› Smallest size is 280 mm of height, while the biggest size is 500 mm of height
› Energy saving solution thanks to the 100% automatic bypass
› Free-cooling operation and energy efficient defrost logic
› Double filter on supply and return, up to F7+F9 filtration level
› Possibility to have pre – filter (G4, M5, F7)
› CO_2 level management thanks to optional CO_2 sensor
› 50 mm double skin panels, mineral wool insulated
› Modbus and BACnet compatible (accessory)
› Available also with integrated heating coil (water)
› VAM PCB (Smart)
› F1/F2 and P1/P2 protocol (Smart)
› Fully compatible with SkyAir and VRV systems (Smart)

› Direct integration into DIII-net (Smart)
› Controlled through any Daikin local, centralized controllers iTAB, iTM, iTC (Smart)

VDI 6022 CERTIFIED

ALB-R/LB(S)[1]			02	03	04	05	06	07
ALB-R/LB		Lei	45.276,-	53.385,-	69.898,-	78.260,-	100.192,-	106.626,-
ALB-R/LBS (Smart)		Lei	39.982,-	48.181,-	64.733,-	73.110,-	95.061,-	101.656,-
Airflow/Airflow Smart		m³/h	300	600	1.200	1.500	2.500/2.300	3.000
Thermal efficiency[2]/Thermal efficiency[2] Smart		%	93/90	93/91	93/90	92/90	94/92	93/91
External static pressure	Nom.	Pa	100	100	100	100	100	100
Current/Current Smart	Nom.	A	0,52	1,17	1,91	2,48	4,39/3,76	5,39
Power input/Power input Smart	Nom.	kW	0,12	0,27	0,44	0,57	1,01/0,87	1,24
SFPv (3) /SFPv Smart		kW/m³/s	1,24	1,49	1,25/1,28	1,31/1,32	1,42/1,32	1,46
Electrical supply	Phase	ph	1	1	1	1	1	1
	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60
	Voltage	V	220/240 Vac	220/240 Vac	220/240 Vac	220/240 Vac	220/240 Vac	220/240 Vac
Dimensions unit	Width	mm	920	1.100	1.600	1.600	2.000	2.000
	Height	mm	280	350	415	415	500	500
	Length	mm	1.660	1.800	2.000	2.000	2.000	2.000
Weight unit		kg	125	180	270	280	355	360
Rectangular duct flange	Width	mm	250	400	500	500	700	700
	Height	mm	150	200	300	300	400	400
Unit sound power level/Unit sound power level Smart		dBA	48	54	57	53	62/60	57
Unit sound pressure level(4)/Unit sound pressure level Smart		dBA	34	39	41	37	46	41

NEW ALD-HEFB

Electrical heater for Modular L Smart

› Total solution for fresh air with Daikin supply of both Modular L Smart and electrical heaters
› Increase comfort in low outdoor temperature thanks to the heated outdoor air
› Integrated electrical heater concept Standard dual flow and temperature sensor

Electrical heater for Modular L Smart (ALD)		02HEFB	03HEFB	05HEFB	07HEFB
Price	Lei	11.368,-	11.960,-	16.118,-	21.421,-
Capacity	kW	1,5	3	7,5	15
Connectable Modular L Smart size		02	03	04, 05	06, 07
Supply voltage		230V,1ph		400V,3ph	

Modular light / Smart

Accessories for ALB-R/LB			02	03	04	05	06	07
Compact filter	G4		ALF02G4A	ALF03G4A	ALF05G4A		ALF07G4A	
		Lei	213,-	253,-	313,-		352,-	
	M5		ALF02M5A	ALF03M5A	ALF05M5A		ALF07M5A	
		Lei	641,-	874,-	1.207,-		1.460,-	
	F7		ALF02F7A	ALF03F7A	ALF05F7A		ALF07F7A	
		Lei	660,-	934,-	1.227,-		1.481,-	
	F9		ALF02F9A	ALF03F9A	ALF05F9A		ALF07F9A	
		Lei	719,-	993,-	1.306,-		1.520,-	
Silencer	900 mm depth		ALS0290A	ALS0390A	ALS0590A		ALS0790A	
		Lei	2.453,-	3.585,-	4.847,-		6.913,-	
Probes	CO₂				ALP00COA			
		Lei			5.414,-			
	Humidity (%RH)				ALP00HUA			
		Lei			3.115,-			
	Temperature				ALP00TEA			
		Lei			641,-			
Coil module	Electric pre-heating		ALD02HEFA	ALD03HEFA	ALD05HEFA		ALD07HEFA	
		Lei	14.412,-	15.034,-	20.040,-		26.253,-	
	Electric post-heating		ALD02HESA	ALD03HESA	ALD05HESA		ALD07HESA	
		Lei	14.625,-	15.405,-	23.819,-		26.253,-	
	Water cooling (post-heating)		ALD02CWSA	ALD03CWSA	ALD05CWSA		ALD07CWSA	
		Lei	9.599,-	11.101,-	13.400,-		18.345,-	
	Water heating (pre/post-heating)		ALD02HWUA	ALD03HWUA	ALD05HWUA		ALD07HWUA	
		Lei	4.346,-	4.560,-	6.487,-		8.940,-	
Mechanical accessories	Rail		ALA02RLA	ALA03RLA	ALA05RLA		ALA07RLA	
		Lei	1.520,-	1.634,-	1.852,-		2.006,-	
	Rectangular - Circular duct transition		ALA02RCA	ALA03RCA	ALA05RCA		ALA07RCA	
		Lei	972,-	1.469,-	1.698,-		2.251,-	
Valves	2-way valve water heating		ALV02HW2A	ALV03HW2A	ALV05HW2A		ALV07HW2A	
		Lei	587,-	641,-	858,-		934,-	
	3-way valve water heating		ALV02HW3A	ALV03HW3A	ALV05HW3A		ALV07HW3A	
		Lei	719,-	858,-	934,-		993,-	
	2-way valve water cooling		ALV02CW2A	ALV03CW2A	ALV05CW2A		ALV07CW2A	
		Lei	587,-	641,-	858,-		934,-	
	3-way valve water cooling		ALV02CW3A	ALV03CW3A	ALV05CW3A		ALV07CW3A	
		Lei	719,-	858,-	934,-		993,-	
Electrical Accessories	Modulating actuator				ALE00AMVA			
		Lei			1.932,-			
Controls	Module bacnet Interface				ALC00908A			
		Lei			2.071,-			
	Module modbus Interface				ALC00902A			
		Lei			1.341,-			
	Room thermostat (included in the main unit)				ALC00822A			
		Lei			889,-			
	Commissioning module				ALC00895A			
		Lei			2.339,-			

Accessories for ALB-R/LBS			02	03	04	05	06	07
Compact filter	G4		ALF02G4A	ALF03G4A	ALF05G4A		ALF07G4A	
		Lei	213,-	253,-	313,-		352,-	
	M5		ALF02M5A	ALF03M5A	ALF05M5A		ALF07M5A	
		Lei	641,-	874,-	1.207,-		1.460,-	
	F7		ALF02F7A	ALF03F7A	ALF05F7A		ALF07F7A	
		Lei	660,-	934,-	1.227,-		1.481,-	
	F9		ALF02F9A	ALF03F9A	ALF05F9A		ALF07F9A	
		Lei	719,-	993,-	1.306,-		1.520,-	
Silencer	900 mm depth		ALS0290A	ALS0390A	ALS0590A		ALS0790A	
		Lei	2.453,-	3.585,-	4.847,-		6.913,-	
Probes	CO₂				BRYMA200			
		Lei			on request			
Coil module	Electric pre-heating		ALD02HEFB	ALD03HEFB	ALD05HEFB		ALD07HEFB	
		Lei	11.368,-	11.960,-	16.118,-		21.421,-	
Mechanical accessories	Rail		ALA02RLA	ALA03RLA	ALA05RLA		ALA07RLA	
		Lei	1.520,-	1.634,-	1.852,-		2.006,-	
	Rectangular - Circular duct transition		ALA02RCA	ALA03RCA	ALA05RCA		ALA07RCA	
		Lei	972,-	1.469,-	1.698,-		2.251,-	
Control	Room Thermostat (Not included in the main unit)				BRC1H519W7/S7/K7			
		Lei			956,-			

Notes: (1) R= right connection and L= left connection; S = Smart Solution (Daikin PCB)

(2) Nominal condition: Outdoor: -10°C (-5°C for Modular Light Smart), 90% Indoor: 22°C, 50%

(3) SFPv is a parameter that quantifies the fan efficiency (the lower it is the better will be). This reduces if airflow decreases.

(4) EN 3744. Surrounding, Directivity (Q) = 2, @1,5m distance

Modular Light unique features

Outer Panel
Pre-painted metal sheet

Heat exchanger
Premium efficiency counter flow HE

Filtration step
Low pressure compact filter G4, M5, F7 &F9

Inner Panel
Aluzinc AZ185

Fans
EC centrifugal plug fan

Panel Insulation
50 mm panel insulated with mineral wool

Bypass element
For antifreeze and Free-cooling operation

Accessories

Bottom view
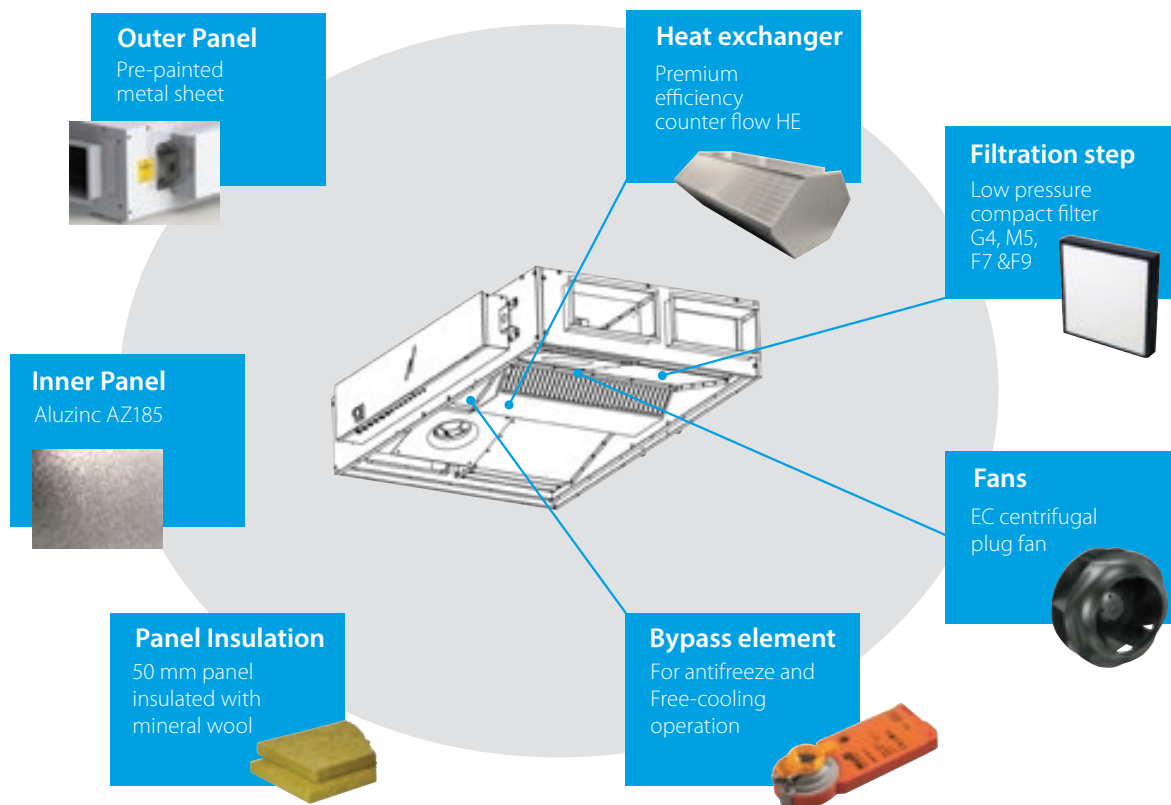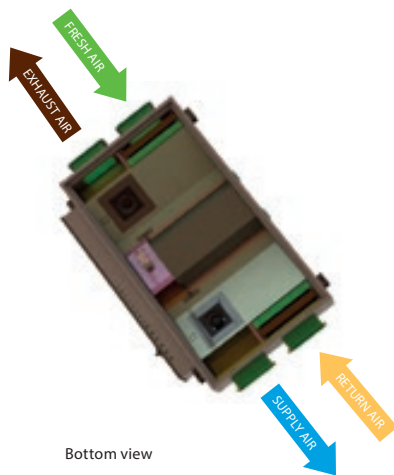
Modular Smart
Possible position of the element

	FRESH AIR	SUPPLY AIR	EXHAUST AIR	RETURN AIR
Compact filter	✓			✓
Silencer	✓	✓	✓	✓
CO$_2$ sensor			✓	
Electric coil	✓			

Modular Light
Possible position of the element

	FRESH AIR	SUPPLY AIR	EXHAUST AIR	RETURN AIR
Compact filter	✓			✓
Silencer	✓	✓	✓	✓
CO$_2$ sensor				✓
Humidity sensor		✓		✓
Electric coil	✓	✓		
Water coil (2&3 way valve)	✓ *	✓		

* Heating only

VRV IV⁺

VRV IV+ Heat Pump with continuous heating

RYYQ-U & RYMQ-U

The new standard in the market, with Variable Refrigerant Temperature control & Continuous Heating During Defrost
The VRV IV+ heat pump is the successor to the VRV IV heat pump and enhanced with the Daikin's new compressor technology to further boost the efficiency at partial loads

Units for single-module systems

Type for 3N~ 400V power supply		RYYQ8U	RYYQ10U	RYYQ12U	RYYQ14U	RYYQ16U	RYYQ18U	RYYQ20U
Nominal cooling capacity	kW	22,4	28,0	33,5	40,0	45,0	50,0	56,0
Nominal heating capacity	kW	25,0	31,5	37,5	45,0	50,0	56,0	63,0
Price	Lei	50.198,-	54.902,-	65.890,-	76.883,-	88.094,-	105.107,-	115.612,-

Standard multi-module combinations

Type for 3N~ 400V power supply		RYYQ22U.OU	RYYQ24U.OU	RYYQ26U.OU	RYYQ28U.OU	RYYQ30U.OU
Modules and kits required		RYMQ10U RYMQ12U BHFQ22P1007	RYMQ8U RYMQ16U BHFQ22P1007	RYMQ12U RYMQ14U BHFQ22P1007	RYMQ12U RYMQ16U BHFQ22P1007	RYMQ12U RYMQ18U BHFQ22P1007
Nominal cooling capacity	kW	61,5	67,4	73,5	78,5	83,5
Nominal heating capacity	kW	69,0	75,0	82,5	87,5	93,5
Set Price	Lei	116.039,-	132.739,-	137.014,-	147.716,-	163.956,-

Type for 3N~ 400V power supply		RYYQ32U.OU	RYYQ34U.OU	RYYQ36U.OU	RYYQ38U.OU	RYYQ40U.OU	RYYQ42U.OU
Modules and kits required		RYMQ16U RYMQ16U BHFQ22P1007	RYMQ16U RYMQ18U BHFQ22P1007	RYMQ16U RYMQ20U BHFQ22P1007	RYMQ8U RYMQ10U RYMQ20U BHFQ22P1517	RYMQ10U RYMQ12U RYMQ18U BHFQ22P1517	RYMQ10U RYMQ16U RYMQ16U BHFQ22P1517
Nominal cooling capacity	kW	90,0	95,0	101,0	106,4	111,5	118,0
Nominal heating capacity	kW	100,0	106,0	113,0	119,5	125,0	131,5
Set Price	Lei	168.909,-	185.149,-	195.181,-	212.206,-	217.151,-	222.104,-

Type for 3N~ 400V power supply		RYYQ44U.OU	RYYQ46U.OU	RYYQ48U.OU	RYYQ50U.OU	RYYQ52U.OU	RYYQ54U.OU
Modules and kits required		RYMQ12U RYMQ16U RYMQ16U BHFQ22P1517	RYMQ14U RYMQ16U RYMQ16U BHFQ22P1517	RYMQ16U RYMQ16U RYMQ16U BHFQ22P1517	RYMQ16U RYMQ16U RYMQ18U BHFQ22P1517	RYMQ16U RYMQ18U RYMQ18U BHFQ22P1517	RYMQ18U RYMQ18U RYMQ18U BHFQ22P1517
Nominal cooling capacity	kW	123,5	130,0	135,0	140,0	145,0	150,0
Nominal heating capacity	kW	137,5	145,0	150,0	156,0	162,0	168,0
Set Price	Lei	232.588,-	243.079,-	253.781,-	270.021,-	286.261,-	302.501,-

Units for multi-module combinations

IMPORTANT: The units below can not be used stand-alone (i.e. for single-module systems)

Type for 3N~ 400V power supply		RYMQ8U	RYMQ10U	RYMQ12U	RYMQ14U	RYMQ16U	RYMQ18U	RYMQ20U
Nominal cooling capacity	kW	22,4	28,0	33,5	40,0	45,0	50,0	56,0
Nominal heating capacity	kW	25,0	31,5	37,5	45,0	50,0	56,0	63,0
Price	Lei	47.917,-	52.410,-	62.894,-	73.385,-	84.087,-	100.327,-	110.359,-

Other combinations than the listed „Standard combinations" above are allowed, including 16~20HP systems, but system piping limitations are shorter (see Table 8 on page 57). Systems over 54HP or with more than 3 modules are not allowed.

Optional Accessories

		Price Lei
BHFQ22P1007	Multi-module connection kit for 2-module systems (obligatory for 2-module systems - included in above set prices)	735,-
BHFQ22P1517	Multi-module connection kit for 3-module systems (obligatory for 3-module systems - included in above set prices)	1.520,-
EKPCCAB4	VRV Configurator	1.246,-
BRP2A81 *1	A-B-C contact PCB for switching between cooling and heating from the outdoor unit	841,-
DTA104A53/61/62 *2	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc.)	2.271,-
EKBPH012T7A *3	Optional bottom-plate heater - for 8~12 HP units (Caution: EKBPHPCBT (*3) option is neccessary)	2.964,-
EKBPH020T7A *3	Optional bottom-plate heater - for 14~20 HP units (Caution: EKBPHPCBT (*3) option is neccessary)	3.090,-
KRC19-26 *4	Mechanical cool/heat selector (Caution: BRP2A81 option is neccessary)	325,-
*1) KKSA26A560	Mounting plate for BRP2A81 - only neccessary when also utilizing EKBPHPCBT on 14~20 HP units	420,-
*2) KKSB26B1	Mounting plate for DTA104A61 for installation inside 14~20 HP outdoor units. See page 51 for DTA104* adaptor details and possibilities to install in indoor units.	345,-
*3) EKBPHPCBT	Control PCB for optional bottom-plate heater	735,-
*4) KJB111A	Fixing box for mechanical cool/heat selector	158,-

VRV IV+ Heat Pump
(without continuous heating)

RXYQ-U

The new standard in the market, with Variable Refrigerant
Temperature control
The VRV IV+ heat pump is the successor to the VRV IV heat pump
and enhanced with the Daikin's new compressor technology to
further boost the efficiency at partial loads

Single-module systems

Type for 3N~ 400V power supply		RXYQ8U	RXYQ10U	RXYQ12U	RXYQ14U	RXYQ16U	RXYQ18U	RXYQ20U
Nominal cooling capacity	kW	22,4	28,0	33,5	40,0	45,0	50,0	56,0
Nominal heating capacity	kW	25,0	31,5	37,5	45,0	50,0	56,0	63,0
Price	Lei	45.630,-	49.913,-	59.898,-	69.891,-	80.085,-	95.549,-	105.107,-

Standard multi-module combinations

Type for 3N~ 400V power supply		RXYQ22U.OU	RXYQ24U.OU	RXYQ26U.OU	RXYQ28U.OU	RXYQ30U.OU
Modules and kits required		RXYQ10U RXYQ12U BHFQ22P1007	RXYQ8U RXYQ16U BHFQ22P1007	RXYQ12U RXYQ14U BHFQ22P1007	RXYQ12U RXYQ16U BHFQ22P1007	RXYQ12U RXYQ18U BHFQ22P1007
Nominal cooling capacity	kW	61,5	67,4	73,5	78,5	83,5
Nominal heating capacity	kW	69,0	75,0	82,5	87,5	93,5
Set Price	Lei	110.546,-	126.450,-	130.524,-	140.718,-	156.182,-

Type for 3N~ 400V power supply		RXYQ32U.OU	RXYQ34U.OU	RXYQ36U.OU	RXYQ38U.OU	RXYQ40U.OU	RXYQ42U.OU
Modules and kits required		RXYQ16U RXYQ16U BHFQ22P1007	RXYQ16U RXYQ18U BHFQ22P1007	RXYQ16U RXYQ20U BHFQ22P1007	RXYQ8U RXYQ10U RXYQ20U BHFQ22P1517	RXYQ10U RXYQ12U RXYQ18U BHFQ22P1517	RXYQ10U RXYQ16U RXYQ16U BHFQ22P1517
Nominal cooling capacity	kW	90,0	95,0	101,0	106,4	111,5	118,0
Nominal heating capacity	kW	100,0	106,0	113,0	119,5	125,0	131,5
Set Price	Lei	160.905,-	176.369,-	185.927,-	202.170,-	206.880,-	211.603,-

Type for 3N~ 400V power supply		RXYQ44U.OU	RXYQ46U.OU	RXYQ48U.OU	RXYQ50U.OU	RXYQ52U.OU	RXYQ54U.OU
Modules and kits required		RXYQ12U RXYQ16U RXYQ16U BHFQ22P1517	RXYQ14U RXYQ16U RXYQ16U BHFQ22P1517	RXYQ16U RXYQ16U RXYQ16U BHFQ22P1517	RXYQ16U RXYQ16U RXYQ18U BHFQ22P1517	RXYQ16U RXYQ18U RXYQ18U BHFQ22P1517	RXYQ18U RXYQ18U RXYQ18U BHFQ22P1517
Nominal cooling capacity	kW	123,5	130,0	135,0	140,0	145,0	150,0
Nominal heating capacity	kW	137,5	145,0	150,0	156,0	162,0	168,0
Set Price	Lei	221.588,-	231.581,-	241.775,-	257.239,-	272.703,-	288.167,-

Other combinations than the listed „Standard combinations" above are allowed, including 16~20HP systems, but system piping limitations are shorter (see Table 8 on page 57). Systems over 54HP or with more than 3 modules are not allowed.

Optional Accessories

			Price Lei
BHFQ22P1007		Multi-module connection kit for 2-module systems (obligatory for 2-module systems - included in above set prices)	735,-
BHFQ22P1517		Multi-module connection kit for 3-module systems (obligatory for 3-module systems - included in above set prices)	1.520,-
EKPCCAB4		VRV Configurator	1.246,-
BRP2A81	*1	A-B-C contact PCB for switching between cooling and heating from the outdoor unit	841,-
DTA104A53/61/62	*2	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc.)	2.271,-
EKBPH012T7A	*3	Optional bottom-plate heater - for 8~12 HP units (Caution: EKBPHPCBT (*3) option is neccessary)	2.964,-
EKBPH020T7A	*3	Optional bottom-plate heater - for 14~20 HP units (Caution: EKBPHPCBT (*3) option is neccessary)	3.090,-
KRC19-26	*4	Mechanical cool/heat selector (Caution: BRP2A81 option is neccessary)	325,-
*1) KKSA26A560		Mounting plate for BRP2A81 - only neccessary when also utilizing EKBPHPCBT on 14~20 HP units	420,-
*2) KKSB26B1		Mounting plate for DTA104A61 for installation inside 14~20 HP outdoor units. See page 51 for DTA104* adaptor details and possibilities to install in indoor units.	345,-
*3) EKBPHPCBT		Control PCB for optional bottom-plate heater	735,-
*4) KJB111A		Fixing box for mechanical cool/heat selector	158,-
DE.WINPROVRV6		Wind protection left & right sides for 8,10,12,14,16,18,20 HP models	8.876,-
DE.WINPROVRV7		Wind protection back side for 8,10,12 HP model	2.893,-
DE.WINPROVRV8		Wind protection back side for 14,16,18,20 HP model	3.130,-
DE.WINPROVRV9		Wind protection front side for 8,10,12 HP model	1.986,-
DE.WINPROVRV10		Wind protection front side for 14,16,18,20 HP model	1.955,-

VRV IV C$^+$ series

VRV IV+ Heat Pump optimized for Heating

RXYLQ-T

Specifically developed for heating operation in low ambient conditions, making it suitable for single source heating.
Stable heating capacity down to -15°C, thanks to vapour injection compressor
Extended operation range down to -25°C in heating

Single-module systems

Type for 3N~ 400V power supply		RXYLQ10T	RXYLQ12T	RXYLQ14T
Nominal cooling capacity	kW	28,0	33,5	40,0
Nominal heating capacity	kW	31,5	37,5	45,0
Price	Lei	57.652,-	69.183,-	80.726,-

Standard multi-module combinations

Type for 3N~ 400V power supply		RXYLQ16T.OU	RXYLQ18T.OU	RXYLQ20T.OU	RXYLQ22T.OU	RXYLQ24T.OU
Modules and kits required		RXMLQ8T RXMLQ8T BHFQ22P1007	RXYLQ10T RXMLQ8T BHFQ22P1007	RXYLQ10T RXYLQ10T BHFQ22P1007	RXYLQ10T RXYLQ12T BHFQ22P1007	RXYLQ12T RXYLQ12T BHFQ22P1007
Nominal cooling capacity	kW	45,0	50,0	56,0	61,5	67,0
Nominal heating capacity	kW	50,0	56,5	63,0	69,0	75,0
Set Price	Lei	96.113,-	106.076,-	116.039,-	127.570,-	139.101,-

Type for 3N~ 400V power supply		RXYLQ26T.OU	RXYLQ28T.OU	RXYLQ30T.OU	RXYLQ32T.OU	RXYLQ34T.OU
Modules and kits required		RXYLQ12T RXYLQ14T BHFQ22P1007	RXYLQ14T RXYLQ14T BHFQ22P1007	RXYLQ10T RXYLQ10T RXYLQ10T BHFQ22P1517	RXYLQ10T RXYLQ10T RXYLQ12T BHFQ22P1517	RXYLQ10T RXYLQ12T RXYLQ12T BHFQ22P1517
Nominal cooling capacity	kW	73,5	80,0	84,0	89,5	95,0
Nominal heating capacity	kW	82,5	90,0	94,5	101,0	107,0
Set Price	Lei	150.644,-	162.187,-	174.476,-	186.007,-	197.538,-

Type for 3N~ 400V power supply		RXYLQ36T.OU	RXYLQ38T.OU	RXYLQ40T.OU	RXYLQ42T.OU
Modules and kits required		RXYLQ12T RXYLQ12T RXYLQ12T BHFQ22P1517	RXYLQ12T RXYLQ12T RXYLQ14T BHFQ22P1517	RXYLQ12T RXYLQ14T RXYLQ14T BHFQ22P1517	RXYLQ14T RXYLQ14T RXYLQ14T BHFQ22P1517
Nominal cooling capacity	kW	101,5	107,0	113,5	120,0
Nominal heating capacity	kW	113,0	120,0	127,5	135,0
Set Price	Lei	209.069,-	220.612,-	232.155,-	243.698,-

Other combinations than the listed „Standard combinations" above are allowed, including 20HP systems, but system piping limitations are shorter (see Table 8 on page 57). Systems over 54HP or with more than 3 modules are not allowed.

Optional Accessories

		Price Lei
BHFQ22P1007	Multi-module connection kit for 2-module systems (obligatory for 2-module systems - included in above set prices)	735,-
BHFQ22P1517	Multi-module connection kit for 3-module systems (obligatory for 3-module systems - included in above set prices)	1.520,-
EKPCCAB4	VRV Configurator	1.246,-
BRP2A81	A-B-C contact PCB for switching between cooling and heating from the outdoor unit	841,-
KRC19-26 *1	Mechanical cool/heat selector (Caution: BRP2A81 option is neccessary)	325,-
DTA104A53/61/62 *2	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc.)	2.271,-
*1) KJB111A	Fixing box for mechanical cool/heat selector	158,-
*2) KKSB26B1	Mounting plate for DTA104A61 for installation inside 10~20 HP outdoor units. See page 51 for DTA104* adaptor details and possibilities to install in indoor units.	345,-
DE.WINPROVRV6	Wind protection left & right sides for 8,10,12,14 HP models	8.876,-
DE.WINPROVRV8	Wind protection back side for 8,10,12,14 HP model	3.130,-
DE.WINPROVRV10	Wind protection front side for 8,10,12,14 HP model	1.955,-

VRV IV S-series

VRV IV S-series
Mini VRV Compact

RXYSCQ-T

The most compact VRV and lightweight single fan design saves space and is easy to install. Incorporates VRV IV standards & technologies such as Variable Refrigerant Temperature. Available in single phase only.

Type for 1~ 230V power supply		RXYSCQ4TV1	RXYSCQ5TV1	NEW RXYSCQ6TV1
Cooling capacity	kW	12,1	14,0	15,5
Heating capacity	kW	14,2	16,0	18,0
Price	Lei	18.339,-	20.761,-	22.838,-

Optional Accessories

		Price Lei
DTA104A53/61/62 *1	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc.)	2.271,-
BPMKS967A2	Branch Provider box for connecting up to 2 Split or SkyAir indoor units (VRV indoor units can not be used on entire system)	3.577,-
BPMKS967A3	Branch Provider box for connecting up to 3 Split or SkyAir indoor units (VRV indoor units can not be used on entire system)	3.819,-

*1) See page 51 for details and exact adaptor type selection (for indoor unit installation, depend on indoor unit)

Mini VRV

RXYSQ-T

System for large residential / light commercial applications, providing individual climate control for up to 64 indoor units. VRV IV S-series (RXYSQ-T) enhanced with VRV IV technologies such as Variable Refrigerant Temperature is available up to 12 HP.

VRV IV S-series
RXYSQ-T

VRV IV S-series

Type for 1~230V power supply		RXYSQ4TV9	RXYSQ5TV9	RXYSQ6TV9
Cooling capacity	kW	12,1	14,0	15,5
Heating capacity	kW	14,2	16,0	18,0
Price	Lei	18.339,-	20.761,-	22.212,-

Type for 3N~400V power supply		RXYSQ4TY9	RXYSQ5TY9	RXYSQ6TY9	RXYSQ8TY1	RXYSQ10TY1	RXYSQ12TY1
Cooling capacity	kW	12,1	14,0	15,5	22,4	28,0	33,5
Heating capacity	kW	14,2	16,0	18,0	25,0	31,5	37,5
Price	Lei	18.339,-	20.761,-	22.212,-	30.275,-	35.480,-	43.047,-

Optional Accessories

		Price Lei
EBRP2B	Cool/heat selector PCB only for RXYSQ-TV9 models	517,-
KRC19-26 *1	Mechanical cool/heat selector only for RXYSQ4-5-6T models	325,-
DTA104A53/61/62 *2	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc.)	2.271,-
BRP2A81	A-B-C contact PCB for switching between cooling and heating from the outdoor unit for RXYSQ8-12TY	841,-
BPMKS967A2	Branch Provider box for connecting up to 2 Split or SkyAir indoor units (VRV indoor units can not be used on entire system)	3.577,-
BPMKS967A3	Branch Provider box for connecting up to 3 Split or SkyAir indoor units (VRV indoor units can not be used on entire system)	3.819,-
*1) KJB111A	Fixing box for mechanical cool/heat selector only for RXYSQ4-5-6T models	158,-

*2) See page 51 for details and exact adaptor type selection (for indoor unit installation, depend on indoor unit)

VRV IV heat pump for indoor installation

SB.RKXYQ-T(8)

Unique VRV heat pump for indoor installation Highly suited to densely populated areas thanks to the low operation sound and seamless integration into surrounding architecture as only the grille is visible.

Heat exchanger unit

Max. 70 m

Max. 30 m

VRV Indoor units
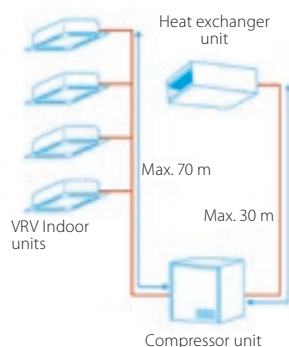
Compressor unit

Sytem			SB.RKXYQ5T8		SB.RKXYQ8T	
			RKXYQ5T8 (compressor unit)	RDXYQ5T8 (heat exchanger unit)	RKXYQ8T (compressor unit)	RDXYQ8T (heat exchanger unit)
Nominal cooling capacity		kW	14,0		21,4	
Nominal heating capacity		kW	14,0		21,4	
Power supply		Hz/V	3N~/50/380-415	1N~/50/220-240	3N~/50/380-415	1N~/50/220-240
Sound pressure level		dBA	47	47	47	46
Dimensions	H x W x D	(mm)	701/600/554	397/1.456/1.044	701/600/554	397/1.456/1.044
Weight		kg	77	97	77	97
External static pressure	Nom/Max	Pa	60/150			
Operation range	Cooling Min.~Max.	°CDB	-5~46		-5~46	
	Heating Min.~Max.	°CDB	-20~15,5		-20~15,5	
Price per part		Lei	24.771,-	18.688,-	27.098,-	20.438,-
Price total system		Lei	43.459,-		47.536,-	

Optional Accessories

		Price Lei
EKPCCAB4	VRV Configurator	1.246,-
KRC19-26 *1	Mechanical cool/heat selector (Caution: BRP2A81 option is neccessary)	325,-
DTA104A53/61/62 *2	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc.)	2.271,-
*1) KJB111A	Fixing box for mechanical cool/heat selector	158,-
EKDPH1RDX	Drain pan heater	557,-

*2) See page 51 for details and exact adaptor type selection (for indoor unit installation, depend on indoor unit)

New Multi-port BS-Boxes with up to 16 ports

VRV indoor units

New BS-Box

New BS-Box

New BS-Box

Reversible LT hydrobox for VRV

Heating only HT hydrobox for VRV

Domestic hot water tank

25°C - 35°C

Under floor heating

45°C - 75°C

Domestic hot water

25°C - 75°C

Air handling unit

— Liquid pipe
— Suction pipe
— Discharge gas pipe
— Hot water
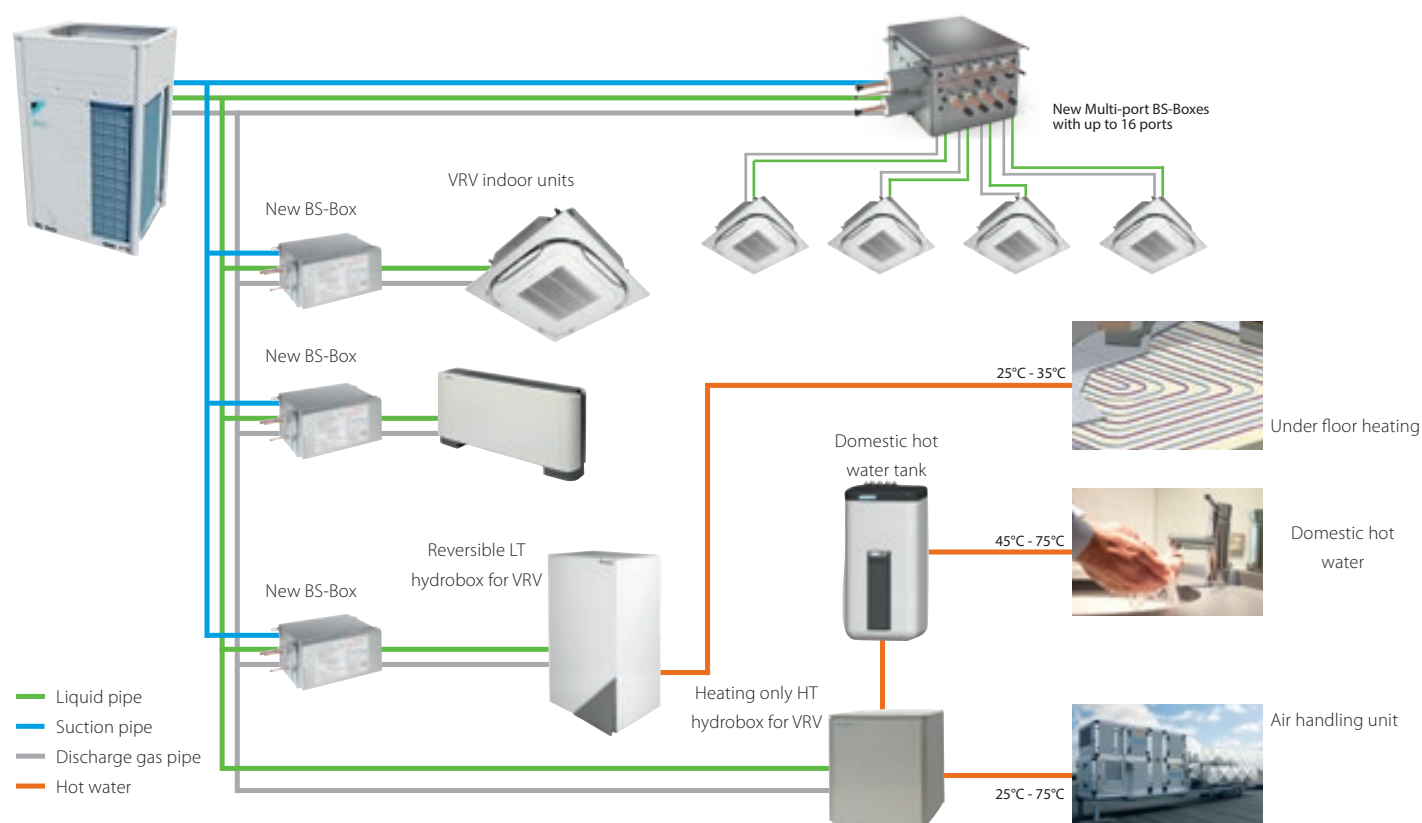
VRV IV⁺

NEW VRV IV+ Heat Recovery

REYQ-U

Efficiency redefined - The VRV IV Heat Recovery brings unrivaled efficiency under all operation regimes, unbeatable installation flexibility, and top-level indoor comfort.
The VRV IV+ Heat Recovery is the successor to the VRV IV H/R and enhanced with the Daikin's new compressor technology to further boost the efficiency at partial loads

Single-module systems

Type for 3N~ 400V power supply		REYQ8U	REYQ10U	REYQ12U	REYQ14U	REYQ16U	REYQ18U	REYQ20U
Nominal cooling capacity	kW	22,4	28,0	33,5	40,0	45,0	50,0	56,0
Nominal heating capacity	kW	25,0	31,5	37,5	45,0	50,0	56,0	63,0
Price	Lei	49.370,-	53.523,-	64.213,-	74.919,-	85.595,-	102.371,-	115.028,-

Single-module systems are not capable of continuous heating during defrost.

Low-capacity standard multi-module combinations

Type for 3N~ 400V power supply		M-REYQ10U.OU	M-REYQ13T.OU	M-REYQ16U.OU	M-REYQ18U.OU	M-REYQ20U.OU
Modules and kits required		REMQ5U REMQ5U BHFQ23P907	REMQ5U REYQ8U BHFQ23P907	REYQ8U REYQ8U BHFQ23P907	REYQ8U REYQ10U BHFQ23P907	REYQ8U REYQ12U BHFQ23P907
Nominal cooling capacity	kW	28,0	36,4	44,8	50,4	55,9
Nominal heating capacity	kW	32,0	41,0	50,0	56,5	62,5
Set Price	Lei	71.049,-	85.629,-	100.209,-	104.362,-	115.052,-

High-capacity standard multi-module combinations

Type for 3N~ 400V power supply		REYQ22U.OU	REYQ24U.OU	REYQ26U.OU	REYQ28U.OU	REYQ30U.OU
Modules and kits required		REYQ10U REYQ12U BHFQ23P907	REYQ8U REYQ16U BHFQ23P907	REYQ12U REYQ14U BHFQ23P907	REYQ12U REYQ16U BHFQ23P907	REYQ12U REYQ18U BHFQ23P907
Nominal cooling capacity	kW	61,5	67,4	73,5	78,5	83,5
Nominal heating capacity	kW	69,0	75,0	82,5	87,5	93,5
Set Price	Lei	119.205,-	136.434,-	140.601,-	151.277,-	168.053,-

Type for 3N~ 400V power supply		REYQ32U.OU	REYQ34U.OU	REYQ36U.OU	REYQ38U.OU	REYQ40U.OU	REYQ42U.OU
Modules and kits required		REYQ16U REYQ16U BHFQ23P907	REYQ16U REYQ18U BHFQ23P907	REYQ16U REYQ20U BHFQ23P907	REYQ8U REYQ12U REYQ18U BHFQ23P1357	REYQ10U REYQ12U REYQ18U BHFQ23P1357	REYQ10U REYQ16U REYQ16U BHFQ23P1357
Nominal cooling capacity	kW	90,0	95,0	101,0	106,4	111,5	118,0
Nominal heating capacity	kW	100,0	106,0	113,0	119,5	125,0	131,5
Set Price	Lei	172.659,-	189.435,-	202.092,-	218.892,-	223.045,-	227.651,-

Type for 3N~ 400V power supply		REYQ44U.OU	REYQ46U.OU	REYQ48U.OU	REYQ50U.OU	REYQ52U.OU	REYQ54U.OU
Modules and kits required		REYQ12U REYQ16U REYQ16U BHFQ23P1357	REYQ14U REYQ16U REYQ16U BHFQ23P1357	REYQ16U REYQ16U REYQ16U BHFQ23P1357	REYQ16U REYQ16U REYQ18U BHFQ23P1357	REYQ16U REYQ18U REYQ18U BHFQ23P1357	REYQ18U REYQ18U REYQ18U BHFQ23P1357
Nominal cooling capacity	kW	123,5	130,0	135,0	140,0	145,0	150,0
Nominal heating capacity	kW	137,5	145,0	150,0	156,0	162,0	168,0
Set Price	Lei	238.341,-	249.047,-	259.723,-	276.499,-	293.275,-	310.051,-

Other combinations than the listed „standard combinations" above are allowed, but system piping limitations are shorter (see Table 8 on page 57)
Systems over 54HP or with more than 3 modules are not allowed.

Optional Accessories

		Price Lei
BHFQ23P907	Multi-module connection kit for 2-module systems (obligatory for 2-module systems - included in above set prices)	1.469,-
BHFQ23P1357	Multi-module connection kit for 3-module systems (obligatory for 3-module systems - included in above set prices)	2.938,-
EKPCCAB4	VRV Configurator	1.246,-
DTA104A53/61/62 *1	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc.)	2.271,-
EKBPH012T7A	Optional bottom-plate heater - for 8~12 HP units	2.964,-
EKBPH020T7A	Optional bottom-plate heater - for 14~20 HP units	3.090,-
*1) KKSB26B1	Mounting plate for DTA104A61 for installation inside 14~20 HP outdoor units. See page 51 for DTA104* adaptor details and possibilities to install in indoor units.	345,-
DE.WINPROVRV6	Wind protection left & right sides for 8,10,12,14,16,18,20 HP models	8.876,-
DE.WINPROVRV7	Wind protection back side for 8,10,12 HP model	2.893,-
DE.WINPROVRV8	Wind protection back side for 14,16,18,20 HP model	3.130,-
DE.WINPROVRV9	Wind protection front side for 8,10,12 HP model	1.986,-
DE.WINPROVRV10	Wind protection front side for 14,16,18,20 HP model	1.955,-

VRV IV⁺ Q-series

NEW VRV IV+-Q Replacement VRV Heat Pump

RXYQQ-U

The Replacement VRV is an economic, quick and comfortable way to convert from an R22 VRF system to one using the latest technology available.

Units for single-module systems

Type for 3N~ 400V power supply		RXYQQ8U	RXYQQ10U	RXYQQ12U	RXYQQ14U	RXYQQ16U	RXYQQ18U	RXYQQ20U
Nominal cooling capacity	kW	22,4	28,0	33,5	40,0	45,0	50,0	56,0
Nominal heating capacity	kW	25,0	31,5	37,5	45,0	50,0	56,0	63,0
Price	Lei	53.388,-	58.401,-	70.082,-	81.772,-	93.698,-	114.310,-	120.027,-

Standard multi-module combinations

Type for 3N~ 400V power supply		RXYQQ22U.OU	RXYQQ24U.OU	RXYQQ26U.OU	RXYQQ28U.OU	RXYQQ30U.OU
Modules and kits required		RXYQQ10U RXYQQ12U BHFQ22P1007	RXYQQ8U RXYQQ16U BHFQ22P1007	RXYQQ12U RXYQQ14U BHFQ22P1007	RXYQQ12U RXYQQ16U BHFQ22P1007	RXYQQ12U RXYQQ18U BHFQ22P1007
Nominal cooling capacity	kW	61,5	67,4	73,5	78,5	83,5
Nominal heating capacity	kW	69,0	75,0	82,5	87,5	93,5
Set Price	Lei	129.218,-	147.821,-	152.589,-	164.515,-	185.127,-

Type for 3N~ 400V power supply		RXYQQ32U.OU	RXYQQ34U.OU	RXYQQ36U.OU	RXYQQ38U.OU	RXYQQ40U.OU	RXYQQ42U.OU
Modules and kits required		RXYQQ16U RXYQQ16U BHFQ22P1007	RXYQQ16U RXYQQ18U BHFQ22P1007	RXYQQ16U RXYQQ20U BHFQ22P1007	RXYQQ8U RXYQQ10U RXYQQ20U BHFQ22P1517	RXYQQ10U RXYQQ12U RXYQQ18U BHFQ22P1517	RXYQQ10U RXYQQ16U RXYQQ16U BHFQ22P1517
Nominal cooling capacity	kW	90,0	95,0	101,0	106,4	111,5	118,0
Nominal heating capacity	kW	100,0	106,0	113,0	119,5	125,0	131,5
Set Price	Lei	188.131,-	208.743,-	214.460,-	233.336,-	244.313,-	247.317,-

Other combinations than the listed „Standard combination" above are NOT allowed.

Optional Accessories

		Price Lei
BHFQ22P1007	Multi-module connection kit for 2-module systems (obligatory for 2-module systems - included in above set prices)	735,-
BHFQ22P1517	Multi-module connection kit for 3-module systems (obligatory for 3-module systems - included in above set prices)	1.520,-
EKPCCAB4	VRV Configurator	1.246,-
BRP2A81	A-B-C contact PCB for switching between cooling and heating from the outdoor unit	841,-
KRC19-26 *1	Mechanical cool/heat selector (Caution: BRP2A81 option is neccessary)	325,-
DTA104A53/61/62 *2	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc.)	2.271,-
*1) KJB111A	Fixing box for mechanical cool/heat selector	158,-

*2) See page 51 for details and exact adaptor type selection (for indoor unit installation, depend on indoor unit)

VRV III-Q Replacement
VRV Heat Recovery

RQCEQ-P3

The Replacement VRV is an economic, quick and comfortable way to convert from an R22 VRF system to one using the latest technology available.

Multi-module systems

Type for 3N~ 400V power supply		RQCEQ280P3.OU	RQCEQ360P3.OU	RQCEQ460P3.OU	RQCEQ500P3.OU	RQCEQ540P3.OU
Capacity class	HP	10	13	16	18	20
Modules and kits required		RQEQ140P3 RQEQ140P3 BHFP26P36C	RQEQ180P3 RQEQ180P3 BHFP26P36C	RQEQ140P3 RQEQ140P3 RQEQ180P3 BHFP26P63C	RQEQ140P3 RQEQ180P3 RQEQ180P3 BHFP26P63C	RQEQ180P3 RQEQ180P3 RQEQ180P3 BHFP26P63C
Nominal cooling capacity	kW	28,0	36,0	46,0	50,0	54,0
Nominal heating capacity	kW	32,0	40,0	52,0	56,0	60,0
Set Price	Lei	103.604,-	144.418,-	176.650,-	197.057,-	217.464,-

Type for 3N~ 400V power supply		RQCEQ636P3.OU	RQCEQ712P3.OU	RQCEQ744P3.OU	RQCEQ816P3.OU	RQCEQ848P3.OU
Capacity class	HP	22	24	26	28	30
Modules and kits required		RQEQ212P3 RQEQ212P3 RQEQ212P3 BHFP26P63C	RQEQ140P3 RQEQ180P3 RQEQ180P3 RQEQ212P3 BHFP26P84C	RQEQ140P3 RQEQ180P3 RQEQ212P3 RQEQ212P3 BHFP26P84C	RQEQ180P3 RQEQ212P3 RQEQ212P3 RQEQ212P3 BHFP26P84C	RQEQ212P3 RQEQ212P3 RQEQ212P3 RQEQ212P3 BHFP26P84C
Nominal cooling capacity	kW	63,6	71,2	74,4	81,6	84,8
Nominal heating capacity	kW	67,2	78,4	80,8	87,2	89,6
Set Price	Lei	258.291,-	283.148,-	296.757,-	330.773,-	344.382,-

Optional Accessories

		Price Lei
BHFP26P36C	Multi-module connection kit for 2-module systems (obligatory for 2-module systems - included in above set prices)	1.550,-
BHFP26P63C	Multi-module connection kit for 3-module systems (obligatory for 3-module systems - included in above set prices)	3.162,-
BHFP26P84C	Multi-module connection kit for 4-module systems (obligatory for 4-module systems - included in above set prices)	4.210,-
BHGP26A1	Digital pressure gauge kit (only one kit per system necessary)	2.740,-
DTA104A53/61/62 *1	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc.)	2.271,-

*1) See page 51 for details and exact adaptor type selection (for indoor unit installation, depend on indoor unit)

VRV IV W⁺ series

VRV IV-W⁺ Water-cooled VRV

RWEYQ-T9

A unique system for unique applications with the most compact footprint in the market, allowing to make for example very low-noise solutions, solutions recovering heat from cooling operation into water, or solutions utilizing geothermal energy. Now can be used for hot water production (LT/HT) and with its unique zero dissipation technology; no need for ventilation at the installation place.

For standard and geothermal applications

Type for 3N~ 400V power supply		RWEYQ8T9	RWEYQ10T9	RWEYQ12T9	RWEYQ14T9
Nominal cooling capacity	kW	22,4	26,7	33,5	40,0
Nominal heating capacity	kW	25,0	31,5	37,5	45,0
Price	Lei	42.160,-	47.060,-	53.179,-	60.091,-

Type for 3N~ 400V power supply		RWEYQ16T9.OU	RWEYQ18T9.OU	RWEYQ20T9.OU	RWEYQ22T9.OU	RWEYQ24T9.OU	RWEYQ26T9.OU	RWEYQ28T9.OU
Modules and kits required		RWEYQ8T9 RWEYQ8T9 Multi-kit *	RWEYQ8T9 RWEYQ10T9 Multi-kit *	RWEYQ8T9 RWEYQ12T9 Multi-kit *	RWEYQ10T9 RWEYQ12T9 Multi-kit *	RWEYQ8T9 RWEYQ8T9 RWEYQ8T9 Multi-kit *	RWEYQ12T9 RWEYQ14T9 Multi-kit *	RWEYQ14T9 RWEYQ14T9 Multi-kit *
Nominal cooling capacity	kW	44,8	50,4	55,9	61,5	67,0	73,5	80,0
Nominal heating capacity	kW	50,0	56,5	62,5	69,0	75,0	82,5	90,0
Set Price	Lei	84.320,-	89.220,-	95.339,-	100.239,-	126.480,-	113.270,-	120.182,-

Type for 3N~ 400V power supply		RWEYQ30T9.OU	RWEYQ32T9.OU	RWEYQ34T9.OU	RWEYQ36T9.OU	RWEYQ38T9.OU	RWEYQ40T9.OU	RWEYQ42T9.OU
Modules and kits required		RWEYQ8T9 RWEYQ10T9 RWEYQ12T9 Multi-kit*	RWEYQ8T9 RWEYQ12T9 RWEYQ12T9 Multi-kit*	RWEYQ8T9 RWEYQ12T9 RWEYQ14T9 Multi-kit*	RWEYQ12T9 RWEYQ12T9 RWEYQ12T9 Multi-kit*	RWEYQ12T9 RWEYQ12T9 RWEYQ14T9 Multi-kit*	RWEYQ12T9 RWEYQ14T9 RWEYQ14T9 Multi-kit*	RWEYQ14T9 RWEYQ14T9 RWEYQ14T9 Multi-kit*
Nominal cooling capacity	kW	83,9	89,4	95,9	100,5	107,0	113,5	120,0
Nominal heating capacity	kW	94,0	100,0	107,5	112,5	120,0	127,5	135,0
Set Price	Lei	142.399,-	148.518,-	155.430,-	159.537,-	166.449,-	173.361,-	180.273,-

Note: Please refer to the databook for the most up-to-date data.

Multi-kits (*) - prices not included in above set prices

		2-module systems	3-module systems
Multi-module connection kit for Heat Pump use		BHFQ22P1007	BHFQ22P1517
Price	Lei	735,-	1.520,-
Multi-module connection kit for Heat Recovery use		BHFQ23P907	BHFQ23P1357
Price	Lei	1.469,-	2.938,-

Optional Accessories

Control			Price Lei
-	Water strainer kit included as standard with unit		1.246,-
EKPCCAB4	VRV Configurator		325,-
KRC19-26 *1	Mechanical cool/heat selector		2.271,-
DTA104A53/61/62 *2	External control adaptor for outdoor unit (Low Noise, Demand Limit, etc,)		158,-
*1) KJB111A	Fixing box for mechanical cool/heat selector		156,-

*2) See page 51 for details and exact adaptor type selection (for indoor unit installation, depend on indoor unit)

ERQ Inverter heat pump condensing units

ERQ-A

High efficiency inverter heat pump outdoor units for connection to DX heat exchangers in Air Handling Units (AHU) or to CYQ Air Curtains

Type for 1~ 230V power supply		ERQ100AV1	ERQ125AV1	ERQ140AV1
Capacity index		100	125	140
Nominal cooling capacity	kW	11,2	14,0	15,5
Nominal heating capacity	kW	12,5	16,0	18,0
Price	Lei	15.873,-	17.283,-	22.219,-

Type for 3N~ 400V power supply		ERQ125AW1	ERQ200AW1	ERQ250AW1
Capacity index		125	200	250
Nominal cooling capacity	kW	14,0	22,4	28,0
Nominal heating capacity	kW	16,0	25,0	31,5
Price	Lei	19.842,-	27.559,-	32.138,-

Notes:
- When using for connection to CYQ Air Curtains, select an ERQ outdoor unit with an equal or higher capacity index than the capacity index of the Air Curtain
- Specified capacity values are for evaporation temperature = 6 °C (cooling) / condensing temperature = 46 °C (heating), evaporator superheat = 5K, condenser sub-cool = 3K, on-coil temperature = 27 °CDB / 19 °CWB (cooling) / = 20 °CDB (heating)

Control box		EKEQDCB	EKEQFCBA
Control type		Daikin control	Free (External) control
Control options		Room temperature control [via Remote Controller (accessory) or via External room temperature sensor (accessory)] Return air temperature control (via a supplied thermistor)	• (X-Control): 0~10V direct capacity control (5V = maintain capacity, >5V colder air wanted, <5V warmer air wanted) • (Y-Control): Fixed evaporation / condensation temperature control • (W-Control): 0~10V linear capacity control (0V = 0% capacity, 10V = 100% capacity • Connection ratio 50 ~ 110% (ERQ)
Price	Lei	3.880,-	4.027,-

Notes:
- A control box is a necessary component of the system for AHU applications; it is not necessary for connection to CYQ Air Curtains
- A wired remote controller (Standard or Basic) is required for the EKEQDCB control box; for the EKEQFCBA box, it is optional (required for commissioning and servicing only)
- Switching between cooling/heating operation with the EKEQFCBA box must be done from the external control system, or via the optional KRC19-26 Cool/Heat selector

Expansion valve kit	Allowed heat exchanger capacity [kW]		Combinable units					Price Lei
	Minimum	Maximum	ERQ100-	ERQ125-	ERQ140-	ERQ200-	ERQ250-	
EKEXV63	6,3	7,8	•	•				888,-
EKEXV80	7,9	9,9	•	•	•			933,-
EKEXV100	10,0	12,3	•	•	•	•		973,-
EKEXV125	12,4	15,4	•	•	•	•	•	1.029,-
EKEXV140	15,5	17,6	•	•	•	•	•	1.059,-
EKEXV200	17,7	24,6				•	•	1.154,-
EKEXV250	24,7	30,8				•	•	1.226,-

Notes:
- An expansion valve kit is a necessary component of the system for AHU applications; it is not necessary for connection to CYQ Air Curtains,
- The expansion valve kit needs to be selected based on the nominal design of the AHU heat exchanger,
- The AHU heat exchanger needs to be designed for 40bar pressures, with an internal (refrigerant) volume between 0,3 and 8,3 l (not counting headers and distributors)
- Specified capacity values are for evaporation temperature = 6 °C (cooling) / condensing temperature = 46 °C (heating), evaporator superheat = 5K, condenser sub-cool = 3K, on-coil temperature = 27 °CDB / 19 °CWB (cooling) / = 20 °CDB (heating)

Unit-specific Accessories

		EKEQDCB	EKEQFCBA	Price Lei
BRC1D52	Basic wired remote controller with weekly timer	•	•	588,-
BRC1H519W7/S7/K7	New premium wired remote controller with white/sliver/black color - will fully replace BRC1E53* after stock out.		•	956,-
BRC1E53A	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Austria		•	831,-
BRC1E53B	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian		•	831,-
BRC1E53C	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Slovakian and Albanian		•	831,-
KRP4A51	Adaptor for external monitoring/control	•		958,-
RTD-20	Adaptor for external monitoring/control with 0-10VDC linear capacity control	•		2.268,-
KRCS01-1	External room temperature sensor	•		461,-
KRC19-26	Mechanical cool/heat selector	•	•	325,-
KJB111A	Fixing box for cool/heat selector	•	•	158,-

Notes:
- A wired remote controller (Standard or Basic) is required for the EKEQDCB control box; for the EKEQFCBA box, it is optional (required for commissioning and servicing only)
- Switching between cooling/heating operation with the EKEQFCBA box must be done from the external control system, or via the optional KRC19-26 Cool/Heat selector

Welcome the next generation of VRV

Lower CO_2 equivalent and market-leading flexibility

Available from September 2020

BLUEVOLUTION

Variable **R**efrigerant **T**emperature

Top sustainability

☑ Reduced CO_2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge
☑ Top sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency

CO_2

ErP 2021 COMPLIANT
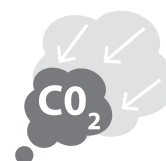
Already fully compliant to LOT 21 - Tier 2

Market-leading serviceability and handling

☑ Low-height single fan range
☑ Easy to transport thanks to lightweight and compact design
☑ Wide access area to easily reach all key components

Market-leading flexibility

☑ Offering like-for-like R-410A flexibility
☑ Specially designed indoor units for R-32, ensuring low sound and maximum efficiency
☑ New 10 class indoor unit

VRV

VRV BLUEVOLUTiON

VRV 5 outdoor unit overview

**Available from
September 2020**

Capacity class (kW)

	Model	Product name		4	5	6
Air – cooled heat pump	**UNIQUE** VRV 5 S-series — Lower CO$_2$ equivalent and market-leading flexibility › Compact single fan design saves space and is easy to install › Market-leading serviceability and handling › Reduced CO$_2$ equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge › Offering like-for-like R-410A flexibility	RXYSA-AV1 / AY1	1~	●	●	●
			3~	●	●	●

With new
Madoka
BRC1H52W/S/K !

VRV 5 indoor unit overview

Capacity class (kW)

Type	Model		Product name	10	15	20	25	32	40	50	63	71	80	100	125	140	200	250
Ceiling mounted cassette	**UNIQUE** Round flow cassette	360° air discharge for optimum efficiency and comfort › Auto cleaning function ensures high efficiency › Intelligent sensors save energy and maximize comfort › Flexibility to suit every room layout › Lowest installation height in the market! › Widest choice ever in decoration panel designs and colors — ROUND FLOW	FXFA-A			●	●	●	●	●	●		●	●	●			Black and designer panels
	UNIQUE Fully flat cassette	Unique design that integrates fully flat into the ceiling › Perfect integration in standard architectural ceiling tiles › Blend of iconic design and engineering excellence › Intelligent sensors save energy and maximize comfort › Small capacity unit developed for small or well-insulated rooms › Flexibility to suit every room layout	FXZA-A		●	●	●	●	●	●							
Concealed ceiling	Slim concealed ceiling unit	Slim design for flexible installation › Compact dimensions enable installation in narrow ceiling voids › Medium external static pressure up to 44Pa › Only grilles are visible › Small capacity unit developted for small of well-insulated rooms › Reduced energy consumption thanks to DC fan motor	FXDA-A	UNIQUE ●	●	●	●	●	●	●	●							Auto cleaning filter option
	Concealed ceiling unit with medium ESP	Slimmest yet most powerfull medium static pressure unit on the market! › Slimmest unit in class, only 245mm › Low operating sound level › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths › Automatic air flow adjustment function measures the air volume and static pressure and adjusts it towards the nominal air flow, guaranteeing comfort	FXSA-A		●	●	●	●	●	●	●		●	●	●	●		
Cooling capacity (kW)[1]					1,7	2,2	2,8	3,6	4,5	5,6	7,1	8,0	9,0	11,2	14,0	16,0	22,4	28,0
Heating capacity (kW)[2]					1,9	2,5	3,2	4,0	5,0	6,3	8,0	9,0	10,0	12,5	16,0	18,0	25,0	31,5

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m

(2) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m

Daikin offers the widest range in DX ventilation in the market.

With a variety of ventilation solutions from small heat recovery ventilation to large scale air handling units we help provide a fresh, healthy and comfortable environment in offices, hotels, stores and other commercial environments.

VRV refrigerant distribution for heat pump systems (2-pipe)

Daikin VRV Refnet Joints for 2-pipe systems

Refnet Joint for 2-pipe systems - imperial		KHRQ22M20T	KHRQ22M29T9	KHRQ22M64T	KHRQ22M75T
Capacity index		up to 200	201–290	291–640	> 640
Price	**Lei**	**634,-**	**856,-**	**1.027,-**	**1.272,-**

Refnet Joint for 2-pipe systems - metric		KHRQM22M20T	KHRQM22M29T	KHRQM22M64T	KHRQM22M75T
Capacity index		up to 200	201–290	291–640	> 640
Price	**Lei**	**634,-**	**856,-**	**1.024,-**	**1.272,-**

Daikin VRV Refnet Headers for 2-pipe systems

Refnet Header for 2-pipe systems - imperial		KHRQ22M29H	KHRQ22M64H	KHRQ22M75H
Capacity index		up to 290	291–640	> 640
Price	**Lei**	**1.200,-**	**1.479,-**	**1.945,-**

Refnet Header for 2-pipe systems - metric		KHRQM22M29H	KHRQM22M64H	KHRQM22M75H
Capacity index		up to 290	291–640	> 640
Price	**Lei**	**1.200,-**	**1.479,-**	**1.945,-**

VRV refrigerant distribution for heat recovery systems (3-pipe)

Daikin VRV Refnet Joints for 3-pipe systems

Refnet Joint for 3-pipe systems - imperial		KHRQ23M20T	KHRQ23M29T9	KHRQ23M64T	KHRQ23M75T
Capacity index		up to 200	201–290	291–640	> 640
Price	**Lei**	**827,-**	**948,-**	**1.535,-**	**2.074,-**

Refnet Joint for 3-pipe systems - metric		KHRQM23M20T	KHRQM23M29T	KHRQM23M64T	KHRQM23M75T
Capacity index		up to 200	201–290	291–640	> 640
Price	**Lei**	**827,-**	**948,-**	**1.535,-**	**2.074,-**

Daikin VRV Refnet Headers for 3-pipe systems

Refnet Header for 3-pipe systems - imperial		KHRQ23M29H	KHRQ23M64H	KHRQ23M75H
Capacity index		up to 290	291–640	> 640
Price	**Lei**	**1.682,-**	**2.046,-**	**2.780,-**

Refnet Header for 3-pipe systems - metric		KHRQM23M29H	KHRQM23M64H	KHRQM23M75H
Capacity index		up to 290	291–640	> 640
Price	**Lei**	**1.682,-**	**2.046,-**	**2.719,-**

Compact Single-port Branch Selector Box

VRV IV Heat Recovery

Note: these BS-Boxes can be used on VRV IV H/R (REYQ-U), Water-Cooled VRV IV (RWEYQ-T9) and Replacement VRV H/R (RQCEQ-P3) systems.

Type for 1~ 230V power supply		BS1Q10A	BS1Q16A	BS1Q25A
No. of connectable indoor units		1 ~ 6	1 ~ 8	1 ~ 8
Connectable capacity index		15 ~ 100	101 ~ 160	161 ~ 250
Allowed sizes of indoor units		15 ~ 100	15 ~ 140	15 ~ 250
Price	Lei	2.968,-	4.686,-	5.391,-

Optional Accessories

		Price Lei
KRC19-26 *1	Mechanical cool/heat selector	325,-
DTA114A61	Adaptor for multi-tenant applications	912,-
EKBSVQLNP	Sound reduction kit (sound insulation)	860,-
*1) KJB111A	Fixing box for mechanical cool/heat selector	158,-

Compact Multi-port Branch Selector Box

VRV IV Heat Recovery

Note: these BS-Boxes can be used on VRV IV H/R (REYQ-U), Water-Cooled VRV IV (RWEYQ-T9) and Replacement VRV H/R (RQCEQ-P3) systems.

Type for 1~ 230V power supply		BS4Q14AV1B	BS6Q14AV1B	BS8Q14AV1B	BS10Q14AV1B	BS12Q14AV1B	BS16Q14AV1B
Number of ports (independent C/H selection)		4	6	8	10	12	16
Max. number of indoor units per port		5					
Connectable capacity index per port		15 ~ 140 *					
Max. total capacity index on BS Box		400	600	750			
Price	Lei	10.436,-	14.301,-	18.810,-	22.609,-	26.641,-	33.733,-

* Connection of higher capacity index is possible by joining two adjacent ports together using optional joint (KHRP26A250T, Price = 2.153,- Lei).

Optional Accessories

		Price Lei
KDDN26A4	Sound reduction kit for BS4Q14AV1B	7.067,-
KDDN26A8	Sound reduction kit for BS6Q14AV1B and BS8Q14AV1B	8.354,-
KDDN26A12	Sound reduction kit for BS10Q14AV1B and BS12Q14AV1B	10.450,-
KDDN26A16	Sound reduction kit for BS16Q14AV1B	11.855,-
KHFP26A100C	Closed pipe kit	354,-

Branch Provider Boxes

VRV IV-S & VRV IV
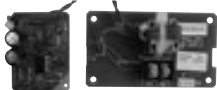
Branch Provider Boxes - only necessary for connecting Split or SkyAir indoor units		BPMKS967A2	BPMKS967A3
No. of connectable indoor units		1~2	1~3
Max. connectable capacity	kW	14,2 (7,1 + 7,1)	20,8 (6,0 + 7,1 + 7,1)
Price	Lei	3.577,-	3.819,-

Split and/or SkyAir indoor units can only be connected to the VRV IV Heat Pump (RYYQ-U, RXYQ-U) or to the or VRV IV S-series Mini VRV & Mini VRV Compact (RXYSQ-T & RXYSCQ-T) outdoor units.
In case of the VRV IV-S Mini VRV & Mini VRV Compact units, mixing with VRV indoor units is not allowed. Please see pages 54-57 for selection information.

Centralized Control Systems

Centralized Control Interface Adaptors		Price Lei
	DTA109A51 DIII-net expander and filter adaptor - connects to F1/F2 OUT line. This adaptor can help in resolving communication interference problems on large systems with centralized control, or to extend the standard F1/F2 wiring limits.	**5.062,-**
	DTA112B51 Adaptor for centralized control of R-410A SkyAir units – connection to the F1/F2 line	**1.070,-**
	KRP928A2S Adaptor for centralized control of Split units – connection to the F1/F2 line Note: "KRP928A2S" is the Material name for ordering; the newer version KRP928BA2S is actually delivered.	**1.536,-**
	DTA103A51 Wiring adaptor for centralized control of other devices – connection to the F1/F2 line giving operation/error monitoring and on/off control of 1 external device (pump / lights / fans / other HVAC) through the centralized control system	**3.171,-**
	DEC101A51 D3 Digital Input Adaptor – connection to the F1/F2 line giving operation/error monitoring of up to 8 external devices (pumps / lights / fans / etc.) through the centralized control system	**5.340,-**
	DEC102A51 D3 Digital Input/Output Adaptor – connection to the F1/F2 line giving operation/error monitoring and on/off control of up to 4 external devices (pumps / lights / fans / etc.) through the centralized control system	**5.886,-**

Simple Centralized Control		Price Lei
	KRP2A* series Wiring Adaptor for Electrical Appendices – for operation/error monitoring, on/off control and setpoint control (0-140 Ω) of entire F1/F2 line by dry contacts. An instalation box or mounting plate may be necessary – refer to page 52 for details. **KRP2A51** (0,5m cable) – for FXCQ, FXKQ, FXSQ, FXLQ, FXNQ, FXMQ, FXDQ-M9, FXAQ and BSVQ units **KRP2A52** (1,3m cable) – for FXFQ, FXZQ and FXHQ **KRP2A61** (2m cable) – for FXDQ-P7 units	**1.804,-**
	DCS302A52-9 Adaptor for central monitoring board for Centralized Remote Controller (DCS302C51), intelligent Touch Controller (DCS601C51) or intelligent Touch Manager (DCM601A5*) – provides potential-free contacts for operation/error monitoring and on/off control of units connected to Controller	**1.043,-**

intelligent Touch Manager		Price Lei
	DCM601A51 Main unit for advanced control of up to 64 addresses (groups/units)	**27.522,-**
	DCM601A52 iTM Plus Adaptor - expansion adaptor for control of an additional 64 addresses. Up to 7 of these adaptors can be connected to one main unit for control of up to 512 addresses from a single iTM main unit.	**5.360,-**
DCS302A52-9	Adaptor for central monitoring board – provides potential-free contacts for operation/error monitoring and on/off control of units connected to Controller. One adaptor required for each iTM main and each iTM Plus Adaptor.	**1.043,-**
DCM002A51	Proportional Power Distribution (PPD) Option – calculates contribution of each indoor unit to the total power consumption of the VRV System	**10.795,-**
DCM008A51	Energy Navigator Software Option - provides advanced energy consumption analyses and provides means to limit the energy consumption of the VRV system	**22.786,-**
DCM009A51	BACnet Server Option - allows to use the iTM to monitor and/or control external devices connected using the BACnet/IP protocol.	**9.479,-**
DCM007A51	HTTP option defines interface to monitor/operate Daikin units from an external application via iTM.	**7.708,-**

Centralized Control Systems

WAGO interfaces for connection to intelligent Touch Manager			Price Lei
WGDCMCPLR	REQUIRED for each Wago node Modbus Coupler - interface between the iTM and Wago modules, obligatory when Wago interface modules should be used		**2.951,-**
787-712	REQUIRED for each Wago node Main Power Supply for node		**1.125,-**
750-960	REQUIRED for each Wago node PROFIBUS fieldbus connector for node		**233,-**
750-600	REQUIRED for each Wago node End module for node		**121,-**
750-613	Internal booster power supply module. Required after each 32 contacts or after every group of digital output / analogue input modules if it is followed by any digital input modules.		**1.165,-**
750-400	2-channel digital input module (24VDC supplied to circuit)		**208,-**
750-432	4-channel digital input module (24VDC supplied to circuit)		**294,-**
750-430	8-channel digital input module (24VDC supplied to circuit)		**415,-**
750-513/000-001	2-channel relay output module (max. 2A, 230VAC or 30VDC load)		**456,-**
750-504	4-channel relay output module (max. 2A, 230VAC or 30VDC load)		**284,-**
750-454	2-channel analog input module for 4~20 mA signal		**1.871,-**
750-455	4-channel analog input module for 4~20 mA signal		**1.489,-**
750-479	2-channel analog input module for -10~+10 VDC signal		**2.022,-**
750-459	4-channel analog input module for -10~+10 VDC signal		**1.287,-**
750-461/020-000	2-channel analog input module for 20 kOhm NTC temperature sensors		**2.022,-**
750-461	2-channel analog input module for Pt100 temperature sensors		**1.738,-**
750-460	4-channel analog input module for Pt100 temperature sensors		**2.011,-**
750-461/000-003	2-channel analog input module for Pt1000 temperature sensors		**1.738,-**
750-460/000-003	4-channel analog input module for Pt1000 temperature sensors		**2.011,-**
750-461/000-004	2-channel analog input module for Ni100 temperature sensors		**1.738,-**
750-461/000-005	2-channel analog input module for Ni1000 temperature sensors		**1.738,-**
750-460/000-005	4-channel analog input module for Ni1000 temperature sensors		**2.011,-**
750-554	2-channel analog output module: 4~20 mA		**1.606,-**
750-555	4-channel analog output module: 4~20 mA		**1.451,-**
750-560	2-channel analog output module: 0~10 VDC		**1.439,-**
750-559	4-channel analog output module: 0~10 VDC		**1.285,-**
750-638	2 channel: Up/Down Counter 24 V DC, 500 Hz (pulse input module – not for PPD!)		**643,-**

Note: REQUIRED COMPONENTS / INPUT/OUTPUT COMPONENTS column labels.

intelligent Touch Controller		Price Lei
DCS601C51 Main unit for advanced control of up to 64 addresses (groups/units)		**10.902,-**
DCS302A52-9	Adaptor for central monitoring board for Centralized Remote Controller (DCS302C51) or intelligent Touch Controller (DCS601C51) – provides potential-free contacts for operation/error monitoring and on/off control of units connected to Controller	**1.043,-**
DCS007A51	HTTP Protocol Open Interface Option for Home Automation – provides HTTP protocol communication for connection to 3rd party control systems.	**8.420,-**

Intelligent Tablet Controller with local & cloud control		Price Lei
WAGO power supply / CPU module / I/O module	**DCC601A51** Centralised touch controller with cloud connection for Split, Sky Air, VRV, ventilation, air curtains and hot water (up to 32 indoors)	**4.265,-**
	AL-CCD07-VESA-1 Optional screen for local control (wired option which can be mounted on the wall)	**4.732,-**
	Cloud package (includes router with pre-paid sim card + energy optimization report generated by Daikin engineers)	**Net Price Lei**
	1 year	**on request**
	2 years	**on request**
	5 years	**on request**

Centralized Control Systems

Gateway for centralized control via BACnet® based Bulilding Management Systems (BMS)		Price Lei
	DMS502A51 * Main unit for BACnet® interface for up to 128 addresses (2 F1/F2 ports; 2x max 64)	**40.232,-**
DAM411B51	Optional D3 Board – expansion card for control of additional 128 addresses (giving in total 4 F1/F2 ports; 4x max 64 = 256 addresses)	9.341,-
DAM412B51	Proportional Power Distribution (PPD) Option – calculates contribution of each indoor unit to the total power consumption of the VRV System	4.651,-
Software	Commissioning software provided on demand – BACnet® / BMS software NOT provided by Daikin	–

* Connection via 100Base-TX Ethernet line; Commissioning via service PC required

Note: "DMS502A51" is the Material name for ordering; the newer version DMS502B51 is actually delivered.

Gateway for centralized control via LonWorks® based Building Management Systems (BMS)		Price Lei
	DMS504B51 Main unit for LonWorks® interface for up to 64 addresses (1 F1/F2 port)	**12.218,-**
Software	LON / BMS software NOT provided by Daikin	–

Gateway for centralized control via ModBus based Bulilding Management Systems (BMS)		Price Lei
	EKMBDXA Main unit for DIII-net Modbus interface for up to 64 addresses (1 F1/F2 port)	**14.214,-**
Software	ModBus / BMS software NOT provided by Daikin	–

Communication interface to KNX protocol		Price Lei
	KLIC-DI KNX Adaptor – provides a communication interface to the KNX protocol for 1 indoor unit. Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	**1.387,-**
	KLIC-DD KNX Adaptor for Split indoor units (for -T, RXYSCQ-T and RYYQ-U systems) – provides a communication interface to the KNX protocol for 1 indoor unit. Connects to S21 terminal of the indoor unit. For installation outside of the indoor unit. Note: not all Split indoor units are compatible – consult the Split catalogue or price list for details.	**1.229,-**

Communication interface to Modbus protocol		Price Lei
	RTD-NET Modbus adaptor – provides a communication interface to the Modbus protocol for 1 P1/P2 group of VRV or SkyAir indoor units (up to 16 indoors – control is simultaneous for entire group, monitoring is individual for every unit of the group). Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	**1.422,-**

Kilowatt-hour meter (3-phase) for use with PPD options		Price Lei
	K.ELECMETW Note: Use of this kWh meter is not a requirement; other kWh meters may be used, as long as they provide 1 pulse per 1 kWh with a pulse length of 40 – 400 ms	**1.534,-**

Rotation & Backup adaptor		Price Lei
	DTA113B51 Rotation & Backup adaptor – provides autonomous backup and unit rotation for up to 4 VRV or SkyAir units. Connects to P1/P2 terminals and requires a BRC1* controller to be connected as well. Not combinable with any other P1/P2 device.	**3.329,-**

Online Controller

WiFi adaptors for Split & Sky Air indoor units		Price Lei
BRP069B41	WiFi Internet interfaces for Split indoor units. Provide the ability to control Daikin Split indoor units via an Apple or	142,-
BRP069B42	Android app (needs a WiFi connection to a local area network with internet access). Connects to the S21 port. Can not be	142,-
BRP069B43	combined with any other device using the S21 port. Provided standard with selected Split indoor units - refer to the Split	142,-
BRP069B45	price list for details.	188,-
BRP069A81 & BRP069A82	Sky Air WLAN adaptor for WiFi App control - (-A82 is for roundflow cassette only)	653,-

VRV Service Tools

IMPORTANT: Service Tool prices may follow spare part discount policies.

Service Checker Type IV		Price Lei
	999176T Service checker	5.751,-
999107T	SENSOR KIT for VRV CHECKER Optional external sensors – for measuring external temperatures / pressures beside those measured by the units	6.000,-
Software (obligatory)	requires Windows7 SP1 or later, Windows 8.0 /8.1 /10	Free on demand

Other Service Tools		Price Lei
	RS-SE Service tool for checking connection of K.RSS external wireless air temperature sensor	596,-
	99S0038 Magnet for manual operation of expansion valves, 17,5 mm ID	1.306,-
	999133T Magnet for manual operation of expansion valves, 22,0 mm ID	950,-
	999134T Magnet for manual operation of expansion valves, 24,0 mm ID	1.187,-
	999132T Magnet for manual operation of expansion valves, 24,5 mm ID	713,-

Control and Adaptor accessories for indoor units

		Price Lei
	See pages 52-53 for combination table with indoor units	
CONTROL	**BRC1H519W7/S7/K7** New wired remote controller with premium design (white,silver,black) comes with intuitive touch button control. Includes, setpoint & fan adjustment, mode change, louver control, filter sign&reset & error indication. Other advanced settings such as scheduling, setback & setpoint limitations can be easily done via smartphone.	956,-
	BRC1E53A for Austria **BRC1E53B** for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian **BRC1E53C** for Slovakian and Albanian Standard wired remote controller – includes multi-language full-text interface, back-light, weekly timer, integrated temperature sensor, VAM unit control, limit operation and room temperature display. Connects to P1/P2 terminals. Includes new functions for energy saving, infrastructure cooling & sound minimization.	831,-
	BRC1D52 Basic wired remote controller – includes weekly timer, integrated temperature sensor, VAM unit control, limit operation. Connects to P1/P2 terminals.	588,-
	BRC2E52C Simplified wired remote controller with operation mode button. Includes simple, symbol-driven interface for end-users, with all advanced functionalities of the BRC1E accessible via a lockable menu. Connects to P1/P2 terminals.	735,-
	BRC3E52C Simplified wired remote controller without operation mode button (Caution: operation mode (e.g. cooling / heating) can not be changed from this controller). Other features like on BRC2E52C. Connects to P1/P2 terminals.	735,-
	BRC4* / BRC7* Infra-red wireless remote controller – compared to BRC1D52 does not have timer, temperature sensor, VAM unit control and limit operation. Receiver depends on particular model / indoor unit and connects to indoor unit PCB or to P1/P2 terminals.	Type and price depends on indoor unit type
	K.RSS External wireless air temperature sensor – allows temperature measurement exactly in the location of room occupants without the need of running extra wiring. Connects instead of the standard suction temperature sensor to the indoor unit's PCB.	684,-
	KRCS01-* External wired air temperature sensor – allows temperature measurement exactly in the location of room occupants. Connects instead of the standard suction temperature sensor to the indoor unit's PCB.	Type depends on indoor unit type 471,-
INDOOR UNIT CONTROL AND INTERFACE ADAPTIONS	**KLIC-DI** KNX Adaptor for SkyAir and VRV indoor units – provides a communication interface to the KNX protocol for 1 indoor unit. Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	1.387,-
	KLIC-DD KNX Adaptor for Split indoor units – provides a communication interface to the KNX protocol for 1 indoor unit. Connects to S21 terminal of the indoor unit. For installation outside of the indoor unit.	1.229,-
	RTD-10 Universal control adaptor – provides for external monitoring/control via 0-10kΩ resistance or 0-10VDC input signals and dry contact output signals (operation or defrost signal, error status signal), and provides a communication interface to the Modbus protocol. For 1 P1/P2 group of indoor units (up to 16 indoor units). Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	1.891,-
	RTD-HO Intelligent hotel room adaptor – provides intelligent unit control based on inputs from key card and window contacts and communication interface to the Modbus protocol. For 1 P1/P2 group of indoor units (up to 16 indoor units). Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	1.891,-
	RTD-NET Modbus adaptor for SkyAir and VRV units – provides a communication interface to the Modbus protocol for 1 P1/P2 group of indoor units (up to 16 indoor – control is simultaneous for entire group, monitoring is individual for every unit of the group). Connects to P1/P2 terminals. A BRC* controller can but does not have to be connected as well. For installation outside of the indoor unit.	1.422,-
	RTD-20 Advanced control adaptor for retail and office applications – provides advanced control and energy saving functionality for multiple shop floor and user control zones, control of VAM units based on CO_2 sensor input, control of Air Curtains based on outdoor air conditions, intelligent control of units installed in rooms with movable walls, etc. For installation outside of the indoor unit.	2.268,-
	DTA113B51 Rotation & Backup adaptor – provides autonomous backup and unit rotation for up to 4 VRV or SkyAir units. Connects to P1/P2 terminals and requires a BRC1* controller to be connected as well. Not combinable with any other P1/P2 device.	3.329,-
	KRP4A* Wiring adaptor for external monitoring/control via dry contacts and set-point control via 0-140Ω. Connects to P1/P2 terminals and requires a BRC1/2/4/7 controller to be connected as well. Not combinable with any other P1/P2 device.	958,-
	BRP7A* Wiring adaptor for window and key-card contacts to control an indoor unit or group of indoor units based on window and/or key-card status. Connects to P1/P2 terminals and requires a BRC1H519W/S/K, BRC2E52C or BRC3E52C to be connected as well. Not combinable with any other P1/P2 device.	473,-
	(E)KRP1B* / (E)KRP1C* Wiring adaptor with 4 output signals – provides dry contacts, which are used to activate/deactivate humidifiers, electrical heaters, fresh air fans, etc. based on the indoor unit's operation. Outputs: Compressor or Error status, Indoor unit fan status, Auxiliary heater signal, Humidifier signal. Connects to the indoor unit's PCB.	Type and price depends on indoor unit type
	KRP1B* Wiring adaptor with 2 output signals – provides dry contacts, which can be used to activate/deactivate humidifiers, electrical heaters, fresh air fans, etc. based on the indoor unit's operation. Outputs: Compressor or Error status, Indoor unit fan status. Connects to the indoor unit's PCB. An installation box may be necessary, depending on the indoor unit – see pages 52-53.	Type and price depends on indoor unit type

OTHER ACCESSORIES	Control and Adaptor accessories for VRV indoor units (continued)		Price Lei
	DTA114A61		**912,-**
	Adaptor for Multi-tenant Applications – allows to turn off main power supply to an indoor unit without affecting the rest of the VRV system by supplying the indoor unit PCB by a separate 24VAC power supply (24VAC must be provided separately). Connects to the indoor unit's PCB. An installation box may be necessary, depending on the indoor unit – see page 52.		
	EKMTAC		**138,-**
	Kit for Multi-tenant Applications – allows to turn off main power supply to an indoor unit without affecting the rest of the VRV system by supplying the indoor unit PCB by a separate 24VAC power supply (24VAC must be provided separately). This kit contains equipment for 10 indoor units.		
	KRP*		**Type and price depends on indoor unit type**
	Installation box / Mounting plate for adaptor PCBs for units where there is no space in the switchbox.		

Optional Accessories for outdoor units

Control and Adaptor accessories for outdoor units		Price Lei
DTA104A* External control adaptor for outdoor unit – allows to activate Low Noise Operation and three levels of Demand Limiting via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit*, BSVQ box, VRV-W or VRV IV outdoor unit. **DTA104A53** (2 m cable) – to be used when installing in FXDQ-A3 units **DTA104A61** (1,15 m cable) – to be used when installing in FXCQ, FXKQ, FXDQ-M9, FXSQ, FXLQ, FXNQ, FXMQ, FXAQ, or BSVQ units **DTA104A62-9** (0,5 m cable) – to be used when installing in FXFQ, FXZQ, FXHQ, RWEYQ, or RYYQ/RYMQ/RXYQ-U units * When installing in an indoor unit, an installation box or mounting plate may be necessary.		**2.271,-**
KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.		**325,-**
KJB111A Fixing box mechanical cool/heat selector KRC19-26.		**158,-**
BRP2A81 A-B-C contact PCB for switching between cooling and heating from the outdoor unit		**841,-**
BHGP26A1 Digital pressure gauge kit – displays current condensing and evaporating pressures in the system as standard, or expansion valve positions and temperature sensor data in a special service mode. Connect to the outdoor unit PCB, for installation in the outdoor unit		**2.740,-**
EKPCCAB4 VRV Configurator		**1.246,-**
EKBPHPCBT Control PCB for optional bottom plate heater for VRV IV Heat Pump outdoor units - recommended for use in case of exceptionally harsh climates (exposed installation, environments where conditions < -5°C and relative humidity >95% can last for more than 5 consecutive days, etc.)		**735,-**
EKBPH012T7A Optional bottom plate heater for VRV IV 8 ~ 12 HP outdoor units		**2.964,-**
EKBPH020T7A Optional bottom plate heater for VRV IV 14 ~ 20 HP outdoor units		**3.090,-**

Control and Adaptor accessories for VRV indoor units

See pages 50-51 for detailed descriptions		Price Lei	FXFQ-B with std. panel	FXFQ-B with designer panel	FXFQ-B with auto-cleaning	FXZQ-A
CONTROL	**BRC1H519W7/S7/K7** (white/silver/black) New standard wired remote controller to replace BRC1E53*, BRC2E52C and BRC3E52C	956,-	✓	✓	✓	✓
	BRC1E53* Standard wired remote controller with full-text interface and back-light BRC1E53A for AT; BRC1E53B for CZ, HR, HU, RO, SI, BG; BRC1E53C for SK and AL.	831,-	✓	✓	✓	✓
	BRC1D52 Basic wired remote controller with weekly timer	588,-	✓ with limitations *1	✓ with limitations *1	–	✓ with limitations *1
	BRC2E52C Simplified wired remote controller with operation mode button	735,-	*2	*2	–	*2
	BRC3E52C Simplified wired remote controller without operation mode button.	735,-	*2	*2	–	*2
	BRC4* / BRC7* Infrared wireless remote controller including receiver	Type and price depends on indoor unit	BRC7FA532F	BRC7FB532F(B)	–	BRC7F530W BRC7F530S *1 *3
			983,-	996,-	–	988,-
	K.RSS External wireless air temperature sensor	684,-	✓	✓	✓	✓
	KRCS01-* External wired air temperature sensor	Type depends on indoor unit	KRCS01-7B	KRCS01-7B	KRCS01-7B	KRCS01-4
		461,-				
INDOOR UNIT CONTROL AND INTERFACE ADAPTIONS	**KLIC-DI** KNX Adaptor – communication interface to the KNX protocol	1.387,-	✓	✓	✓	✓
	RTD-10 Universal control adaptor	1.891,-	✓	✓	✓	✓
	RTD-HO Intelligent hotel room adaptor	1.891,-	✓	✓	✓	✓
	RTD-NET Modbus adaptor – communication interface to the Modbus protocol	1.422,-	✓	✓	✓	✓
	RTD-20 Advanced control adaptor for retail and office applications	2.268,-	✓	✓	✓	✓
	DTA113B51 DS-Net adaptor	3.329,-	✓	✓	–	✓
	KRP4A* Wiring adaptor for external monitoring / control	Type depends on indoor unit	KRP4A53	KRP4A53	–	KRP4A53
		958,-				
	KRP2A* Wiring adaptor for external central monitoring / control	Type depends on indoor unit	KRP2A52	KRP2A52	–	KRP2A52
		1.804,-				
	BRP7A* Wiring adaptor for window and key-card contacts (BRC2E52C / BRC3E52C required)	Type depends on indoor unit	BRP7A53	BRP7A53	-	BRP7A53
		473,-				
	(E)KRP1B* / (E)KRP1C* Wiring adaptor with 4 output signals	Type and price depends on indoor unit	EKRP1C12	EKRP1C12	–	EKRP1B2
			435,-	435,-	–	806,-
	KRP1B* Wiring adaptor with 2 output signals	Type and price depends on indoor unit	KRP1BA58	KRP1BA58	–	KRP1B57
			890,-	890,-	–	776,-
OTHER ACCESSORIES	**DTA114A61** Adaptor for Multi-tenant Applications	912,-	✓	✓	✓	✓
	EKMTAC Kit for Multi-tenant Applications	138,-	–	–	–	–
	DTA104A* External control adaptor for outdoor unit	Type depends on indoor unit	DTA104A62-9	DTA104A62-9	–	DTA104A62-9
		2.346,-				
	Installation box / Mounting plate for adaptor PCBs for units where there is no space in the switchbox. Only for adaptors which are allowed to be installed inside the switchbox (marked with ⬜ symbol)	Type and price depends on indoor unit	KRP1H98	KRP1H98	–	KRP1BB101
			284,-	284,-	–	364,-

*1 Individual flap control and floor/presence sensor option control not available (not compatible with floor/presence sensor option)
*2 The BRC2E52C & BRC3E52C controller can, in principle, control any VRV indoor unit, however, it can not control swing-flap position – it is therefore unsuitable for all indoor units with controllable swing flaps
*3 Model depends on chosen decoration panel (W = fully white design, S = silver/white design); For Legacy decoration panel use BRC7EB530W. t.b.c. ... information not available at time of print

FXCQ-A	FXKQ-MA	FXUQ-A	FXHQ-A	FXAQ-A	FXDQ-M9 (old model)	FXDQ-A3	FXSQ-A	FXMQ-P7	FXMQ-MB	FXLQ-P	FXNQ-A	EKEQMCBA
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓ with limitations 1	✓	✓ with limitations *1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
*2	*2	*2	*2	*2	✓	✓	✓	✓	✓	✓	✓	–
*2	*2	*2	*2	*2	✓	✓	✓	✓	✓	✓	✓	–
BRC7C52	BRC4C61	BRC7C58	BRC7GA53-9	BRC7EA628	BRC4C62	BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC4C65	BRC4C65	–
1.291,-	**1.966,-**	**1.291,-**	**1.362,-**	**1.104,-**	**1.530,-**	**502,-**	**502,-**	**502,-**	**502,-**	**502,-**	**502,-**	**–**
✓	✓	✓	✓	On request	✓	✓	✓	✓	✓	✓	✓	–
KRCS01-4	KRCS01-1	KRCS01-4	KRCS01-4	KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-4	KRCS01-4	KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-1
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–
KRP4A51	KRP4A51	KRP4A53	KRP4A52	KRP4A51	KRP4A51	KRP4A54-9	KRP4A51	KRP4A51	KRP4A51	KRP4A51	KRP4A54-9	KRP4A51
KRP2A51	KRP2A51	–	KRP2A52	KRP2A51	KRP2A51	KRP2A61	KRP2A51	KRP2A51	KRP2A51	KRP2A51	KRP2A61	–
BRP7A51	BRP7A51	BRP7A53	BRP7A52	BRP7A51	BRP7A54	BRP7A54	BRP7A51	BRP7A51	BRP7A51	BRP7A51	BRP7A51	-
EKRP1B2	KRP1B61	–	KRP1B3	–	EKRP1B2	–	EKRP1B2	EKRP1B2	KRP1B61	KRP1B61	–	–
806,-	**993,-**	**–**	**1.277,-**	**–**	**806,-**	**–**	**806,-**	**806,-**	**993,-**	**993,-**	**–**	**–**
–	–	–	KRP1B54	–	–	KRP1B56	–	–	–	–	KRP1B56	–
–	**–**	**–**	**917,-**	**–**	**–**	**776,-**	**–**	**–**	**–**	**–**	**776,-**	**–**
–	–	–	✓	✓	–	–	✓	✓	–	–	–	–
–	–	–	–	–	✓	✓	✓	–	–	✓	✓	–
DTA104A61	DTA104A61	–	DTA104A62-9	DTA104A61	DTA104A61	DTA104A53	DTA104A61	DTA104A61	DTA104A61	DTA104A61	DTA104A53	–
KRP1C96	–	KRP1B97	KRP1D93A	KRP4A93	–	KRP1BB101	KRP4A96	KRP4A96	–	–	KRP1BB101	–
628,-	**–**	**872,-**	**827,-**	**735,-**	**–**	**364,-**	**350,-**	**350,-**	**–**	**–**	**364,-**	**–**

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Combination possibilities and limitations (part 1 of 3)

Table 1 – Connectable indoor units and basic combination information

Description / Combination		VRV indoor units	Split / SkyAir indoor units (see Tables 6 & 7)	LT Hydrobox HXY-A8 (see Table 5)	HT Hydrobox HXHD-A8 (see Table 5)	HRV units VKM-	Air curtains CYV-DK-	AHU connection EKEXV- + EKEQMCBA	AHU connection EKEXV- + EKEQFCBA	Remarks
VRV IV+ Heat Pump RYYQ-U / RXYQ-U		O	O	O	×	O	O	O	O	**Standard total system connection ratio limit: 50 ~ 130%**
with only VRV indoor units		✓								200% total system connection ratio possible under special circumstances
with Split indoor units (see Tables 6 & 7)		✓	✓			✓				Only single-module systems (RYYQ 8~20 U / RXYQ 8~20 U) Max 32 indoor units, even on 16HP, 18HP and 20HP systems Connection ratio limit: 80-130%
with LT Hydroboxes (see Table 5)		✓		✓		✓				Max 32 indoor units, even on 16HP and larger systemsContact Daikin in case of multi-module systems (>20HP)
with Ventilation units (see Table 4)	VKM-	✓	✓	✓		✓	✓	✓		
	CYV-DK-	✓				✓	✓	✓		
	EKEXV- + EKEQMCBA	✓				✓	✓	✓		Connection ratio limit: 90-110% (multi AHU) Connection ratio limit: 50-110% (AHU + VRV IU) which 50~110% VRV IU & 0~110% AHU
	EKEXV- + EKEQFCBA								✓	Connection ratio limit: 90-110%
VRV IV C+ optimized for heating RXYLQ-T		O	O	O	×	O	O	O	O	**Standard total system connection ratio limit: 70 ~ 130%**
with only VRV indoor units		✓								
with Split indoor units (see Tables 6 & 7)		✓	✓			✓				Only single-module systems (RXYLQ 10~14 T) Max 32 indoor units Connection ratio limit: 80-130%
with LT Hydroboxes (see Table 5)		✓		✓		✓				Max 32 indoor units, even on 16HP and larger systems Connection ratio limit: 70-130% Contact Daikin in case of multi-module systems (>14HP)
with Ventilation units (see Table 4)	VKM-	✓	✓	✓		✓	✓	✓		
	CYV-DK-	✓				✓	✓	✓		Connection ratio limit: 90-110% (only aircurtains) Connection ratio limit: 70-110% (aircurtains + VRV IU) which 70~110% VRV IU & 0~110% aircurtains
	EKEXV- + EKEQMCBA	✓				✓	✓	✓		Connection ratio limit: 90-110% (multi AHU) Connection ratio limit: 70-110% (AHU + VRV IU) which 70~110% VRV IU & 0~110% AHU
	EKEXV- + EKEQFCBA								✓	Connection ratio limit: 90-110%
VRV IV+ Heat Recovery REYQ-U		O	×	O	O	O	O	O	×	Standard total system connection ratio limit: 50 ~ 130%
with only VRV indoor units		✓								
with LT/HT Hydroboxes (see Table 5)		✓		✓	✓	✓				Max 32 indoor units, even on 16HP and larger systems Total system connection ratio up to 200% possible - See Table 5
with Ventilation units (see Table 4)	VKM-	✓		✓	✓	✓	✓	✓		Dedicated systems (with only ventilation units) not allowed - a mix with standard VRV indoor units is always neccessary. Total CR: 50 – 110%, VRV indoor: 50 – 110%, VRV indoor unit without BS box (cooling only): 0-50%, AHU: 0-110%
	CYV-DK-	✓				✓	✓	✓		
	EKEXV- + EKEQMCBA	✓				✓	✓	✓		
VRV IV i-series SB.RKXYQ-T		✓	×	×	×	✓	✓	✓	×	
VRV IV S-series Mini VRV RXYSQ-T **VRV IV S-series Mini VRV Compact RXYSCQ-T**		O	O	×	×	O	O	O	O	Standard total system connection ratio limit: 50 ~ 130% Connection ratio: 90-110% in case of AHU connection
with VRV indoor units		✓				✓	✓	✓		
with Split indoor units (see Tables 6 & 7)			✓							
VRV IV+-Q Replacement H/P RXYQQ-U		✓	×	×	×	✓	✓	✓	×	Standard total system connection ratio limit: 50 ~ 130% Connection ratio: 90-110% in case of AHU connection
VRV III-Q Replacement H/R RQCEQ-P3		✓	×	×	×	✓	×	×	×	Standard total system connection ratio limit: 50 ~ 130%
VRV IV-W+ Water-cooled VRV RWEYQ-T9		O	O	×	O	O	O	O	O	Standard total system connection ratio limit: 50 ~ 130% Connection ratio: 90-110% in case of AHU connection
with VRV indoor units		✓	✓		✓	✓	✓	✓	✓	
with Split indoor units		✓	✓			✓				
with HT hydrobox		✓			✓					

O ... connection of indoor unit possible, but not neccessarily simultaneously with other allowed indoor units
✓ ... connection of indoor unit possible even simultaneously with other checked units in the same row
× ... connection of indoor not possible on this outdoor unit system

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Combination possibilities and limitations (part 2 of 3)

Table 2 – Indoor unit capacity indexes

Indoor Unit Class:	15	20	25	32	35	40	42	50	60	63	71	80	100	125	140	200	250	400	500
Types of unit with this class (V = VRV; S = Split/SkyAir)	V / S	V / S	V / S	V	S	V	S	V / S	S	V	V / S	V	V	V	V	V	V	V	V
Approximate cooling capacity* [kW]	1,7 / 1,5	2,2 / 2,0	2,8 / 3,6	3,5	4,5	4,2	4,2	5,6 / 5,0	6,0	7,1	8,0 / 7,1	9,0	11,2	14,0	15,7	22,0	28,0	44,0	56,0
VRV Capacity Index	15	20	25	31,25	35	40	42	50	60	61,5	71	80	100	125	140	200	250	400	500

* Please note that the exact nominal cooling capacity may differ slightly from this value, depending on the exact unit. When two capacities are shown, the larger value is for VRV indoor units, the smaller value is for Split/SkyAir indoor units.

VKM Units	50	80	100	**Important remark:**
VRV Capacity Index	31,3	50	62,5	VKM units count as 2 when counting the number of indoor units in a system (e.g. on a 54 HP VRV system, even though you can have up to 64 indoor units, the maximum number of VKM's would be 32)

Table 3 – Outdoor unit capacity indexes & indoor unit number limits

Outdoor Units class [HP]	4	5	6	8	10	12	13	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54
Approximate cooling capacity* [kW]	11	14	16	22	29	33	36	40	45	50	56	62	67	73	79	84	90	95	101	106	112	118	124	130	135	140	145	150
VRV Nominal Capacity Index (100% connection ratio)	100	125	140	200	250	300	321	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350
Maximum number of indoor units (unless stated otherwise)	8	10	12	17	21	26	27	30	34	39	43	47	52	56	60	64												

* Please note that the exact nominal cooling capacity may differ slightly from this value, depending on the exact unit.

Table 4 – Connection possibilities and limitations of Ventilation Units
Connection Ratio = Sum of indoor unit Capacity Indexes / Nominal outdoor Capacity Index

Model	Total system connection ratio limits	Mixed systems - systems with Ventilation and VRV indoor units			Dedicated systems - systems with only specified ventilation units		
		Allowed?	VRV IU limits	Ventilation unit limits	Allowed?	Ventilation unit limits	System limits
Heat Reclaim Ventilation units VKM-	Max 130%	Yes	no special limits		Yes*	no special limits	
Air Curtain units CYV-DK-	Max 110%	Yes	Unit connection ratio ≥ 50%	no special limits	Yes*	no special limits	Total system connection ratio 90% ~ 110%
AHU Connection EKEXV- EKEQMCBA	Max 110%	Yes	Unit connection ratio ≥ 50%	Max. 3 EKEXV's per AHU DX coil	Yes*	Max. 3 EKEXV's per AHU DX coil	Total system connection ratio 90% ~ 110%
AHU Connection EKEXV- EKEQFCBA		No	-	-	Yes*	Max. 3 EKEXV's total	

* Not allowed on VRV IV Heat Recovery

Table 5 – Connection possibilities and limitations of Hydroboxes
Connection Ratio = Sum of indoor unit Capacity Indexes / Nominal outdoor Capacity Index

Model		Total system connection ratio limits	Mixed systems - systems with Hydroboxes and VRV or other indoor units			Dedicated systems - systems with only Hydrobox units
			Allowed?	VRV IU limits	Hydrobox unit limits	Allowed?
Low Temperature Hydrobox HXY-A8	VRV IV Heat Pump RYYQ-U / RXYQ-U / RXYLQ-T	Max 130%	Yes	Unit connection ratio 50% ~ 130% 70% ~ 130% for RXYLQ-T	Unit connection ratio max 80%	No
Low Temperature Hydrobox HXY-A8	VRV IV Heat Recovery REYQ-U	Max 130%	Yes	Unit connection ratio 50% ~ 110%	Unit connection ratio max 80%	No
High Temperature Hydrobox HXHD-A8	VRV IV Heat Recovery REYQ-U	Max 200%	Yes	Unit connection ratio 50% ~ 110%	Unit connection ratio max 100%	No

Note: In case of mixing LT and HT hydroboxes on VRV IV Heat Recovery, the following limits apply: (VRV IU's + LT Hydrobox + VKM) ≤ 130%;   (LT + HT Hydrobox) ≤ 100%

Note: Water-cooled VRV (RWEYQ-T9) is combinable with the HT hydrobox. Please use the selection software or see the databook for further guidelines.

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Combination possibilities and limitations (part 3 of 3)

Table 6 – Connection possibilities and limitations of Split / SkyAir indoor units
Connection Ratio = Sum of indoor unit Capacity Indexes / Nominal outdoor Capacity Index

Model		Total system connection ratio limits	Mixed systems - systems with Split and VRV indoor units			Other limits / remarks
			Allowed?	VRV IU limits	Split unit limits	
Split indoor units	VRV IV Heat Pump RYYQ-U / RXYQ-U / RXYLQ-T	80 ~ 130%	Yes	Max 32 indoor units		Only on single-module systems (RYYQ 8~20 U / RXYQ 8~20 U / RXYLQ 10~14 T)
	Mini VRV RXYSQ-T / RXYSCQ-T	80 ~ 130%	No	-	-	
SkyAir indoor units	Mini VRV RXYSQ-T / RXYSCQ-T					

Connectable stylish indoor units

		15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Round flow cassette	FCAG-B				●		●	●	●
Fully flat cassette	FFA-A9			●	●		●	●	
Slim concealed ceiling unit	FDXM-F9			●	●		●	●	
Concealed ceiling unit with inverter driven fan	FBA-A9				●		●	●	●
Daikin Emura - Wall mounted unit	FTXJ-M		●	●	●		●		
Stylish - Wall mounted unit	FTXA-A		●	●	●	●	●		
Wall mounted unit	CTXM-N	●							
Wall mounted unit	FTXM-N		●	●	●	●	●	●	●
Ceiling suspended unit	FHA-A9				●		●	●	●
Floor standing unit	FVXM-F		●	●			●		
Concealed floorstanding unit	FNA-A9			●	●		●	●	

● Only compatible with VRV IV S-series
● Compatible with VRV IV, VRV IV+ and VRV IV S-series heatpumps

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Refrigerant piping limitations

Table 8 – Selected refrigerant piping limitations

| Description / Combination	Maximum piping length (one direction)		Maximum height difference		Total piping length (one direction) [m]
	OU to IU [m] Actual / (Equivalent)	First branch to IU [m]	OU to IU [m] OU above IU / OU below IU	IU to IU [m]	
VRV IV+ Heat Pump RYYQ-U / RXYQ-U / RXYLQ-T					
with only VRV indoor units Standard outdoor combinations	165 / (190)	40 90 with special limits	50/40 90 with special limits	30	1000 *500 in case of RXYLQ-T
with only VRV indoor units Non-standard outdoor combinations	135 / (160)	40 90 with special limits	50/40 90 with special limits	30	500 *300 in case of RXYLQ-T
with Split indoor units	100 / (120)	50	50/40	15	250
with LT Hydroboxes	135 / (160)	40	50/40	15	300 single-module sys. 500 multi-module sys.
with Ventilation & VRV indoor units	165 / (190)	40	40/40	15	1000 *500 in case of RXYLQ-T
with multiple Ventilation units only	165 / (190)	40	40/40	15	1000 *500 in case of RXYLQ-T
pair combination with one EKEXV-	50 / (55)	-	40/40	-	50
VRV IV+ Heat Recovery REYQ-U					
with only VRV indoor units Standard outdoor combinations	165 / (190)	40 90 with special limits	50/40 90 with special limits	15	1000
with only VRV indoor units Non-standard outdoor combinations	135 / (160)	40 90 with special limits	50/40 90 with special limits	15	500
with LT/HT Hydroboxes	135 / (160)	40	50/40	15	300 single-module sys. 600 multi-module sys.
with Ventilation & VRV indoor units	165 / (190)	40	40/40	15	1000
VRV IV-S Mini VRV RXYSQ-T					
with VRV indoor units	150 / (175)	40	50/40	15	300
with Split indoor units	BP to IU max 15 m	40	30/30	15	OU to BP's ≤ 55 140
VRV IV-S Mini VRV Compact RXYSQ-T					
With VRV indoor units	70/(90)	40	30/30	15	300
with Split indoor units	BP to IU max 15 m	40	30/30	15	140
VRV IV+-Q Replacement H/P RXYQQ-U	120 / (150)	40 90 with special limits	50/40	15	300
VRV III-Q Replacement H/R RQCEQ-P3	120 / (150)	40	50/40	15	300
VRV IV-W Water-cooled VRV RWEYQ-T9	120 / (140)	40 90 with special limits	50/40	15	300

Notes:

- For details of "special limits", see databook or installation manual of respective unit.

- The maximum pipe length from an IU to it's nearest Refnet branch joint (in case of heat recovery, nearest 3-pipe joint) is always 40 m.

- For Air Handling Unit connection limitations of VRV IV-S Mini VRV or Mini VRV Compact units please check the respective databook or the installation manual.
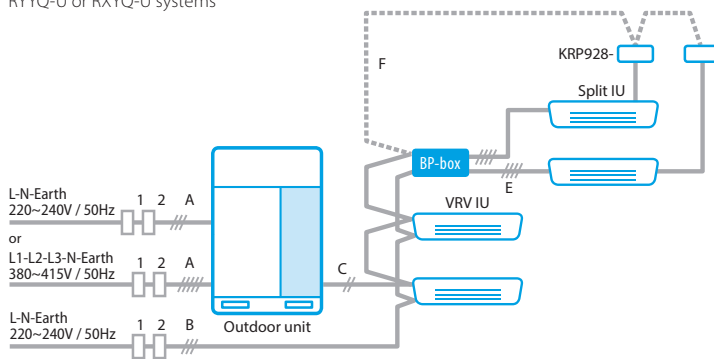
All electrical power wiring must be selected and done by a qualified electrician and must comply to local and national regulations. The below information serves only as informative guidelines.
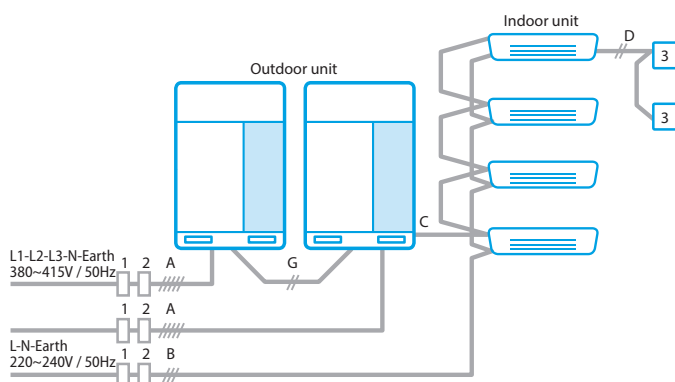
Standard VRV System
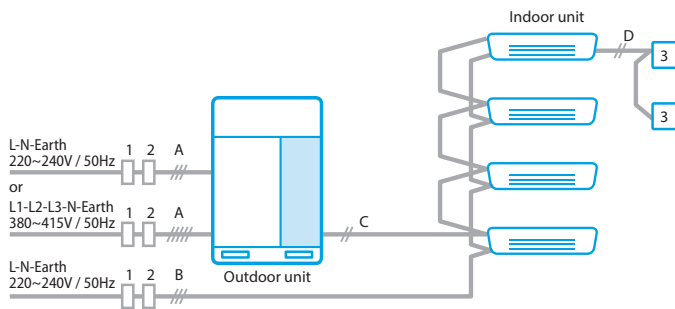
VRV Systems with Split IU's

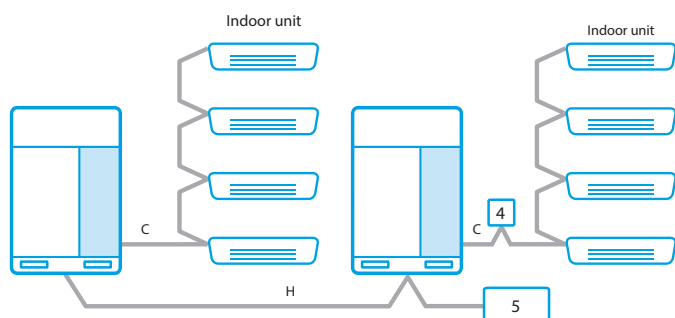Note: Mixing VRV and Split indoor units in one system is only allowed on single-module RYYQ-U or RXYQ-U systems

VRV multi-module systems

VRV System central control

Note: Power wiring has been omitted in the diagram below

Item	Item description	Item details
1	Earth leakage breaker	• High-speed type (30mA <0,1s), for both AC and DC currents • Must be able to handle higher harmonics (class SK) • Must not interrupt the Earth wire!
2	Circuit breaker	• Breaker capacity must not exceed MFA value of selected combination • Must not interrupt the Earth wire!
3	Local control accessory	• e.g. Wired remote controller, adaptor (RTD-), etc..
4	System control adaptor	• e.g. KRP2- or DTA104- • Connects to F1/F2 IN or OUT line, requires power supply from indoor or outdoor unit • For installation in indoor or outdoor unit (may require special installation box)
5	Centralized controler	• e.g. intelligentTouchManager, gateway, etc.
A	Main power supply line	• H05VV type if in protective piping, H07RN if unprotected • 1-phase: 3-core including earth wire 3-phase: 5-core including earth wire • Wire size must be selected according to local and national regulations based on the MCA value of selected combination • In case of Multi-module systems, it is recommended to have a separate power supply line for each module. If using a common power supply, modules with smaller capacity must be connected down-stream • NOTE: 3-phase units are Class A EMC products - In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
B	Indoor unit power supply line	• H05VV type if in protective piping, H07RN if unprotected • 3-core including earth wire • Wire size must be selected according to local and national regulations based on the sum of MCA values of connected indoor units (including BP Boxes)
C	OU-IU wiring "F1-F2 IN line"	• Low voltage (16VDC) wiring • H05VV type, 2-core • 0,75 to 1,25 mm^2 • In a Multi-module system, connects to just one outdoor unit module (it doesn't matter to which - the module, where it is connected, automatically becomes the Master module) • Never branch the wiring - connect in series, going from one IU to the next • Shielded or unshielded wiring may be used. In case of shielded wiring, ground shield only on outdoor unit and bypass indoor units - never ground the shield at multiple locations and never leave the shield ungrounded! In case of unshielded wiring, keep at least 5cm away from power cables at all times.
D	Local control wiring "P1-P2 line"	• Low voltage (16VDC) wiring • H05VV type, 2-core • 0,75 to 1,25 mm^2 • Maximum 2 devices (controller, adaptor) can be connected • The P1-P2 line can be used to link up to 16 indoor units into group control
E	BP-IU wiring "1-2-3-Earth"	• H05RN type, 4-core including earth wire • 1,5 mm^2, 2,5 mm^2 if length exceeds 10 m
F	Continuation of "F1-F2 IN line"	• Only neccessary when the Split Indoor units need to be monitored / controlled via centralized control through the F1/F2 line • Each Split indoor unit requires a KRP928A1S adaptor to be installed • Specifications are identical to <C>
G	OU-OU Multi-module wiring "Q1-Q2 line"	• Low voltage (16VDC) wiring • H05VV type, 2-core • 0,75 to 1,25 mm^2 • Only for Multi-module systems
H	OU and Central Control line "F1-F2 OUT line"	• Low voltage (16VDC) wiring • H05VV type, 2-core • 0,75 to 1,25 mm^2 • For connecting one or more systems to central control - maximum 10 systems, containing altogether maximum 64* indoor units can be so linked. (* under certain conditions, this can be up to 128 - contact your Daikin representative for details) • In case of Multi-module systems, connects to the Master module, i.e. the module where also the F1-F2 IN line is connected to • Shielded or unshielded wiring may be used. In case of shielded wiring, ground shield only on outdoor unit and bypass indoor units - never ground the shield at multiple locations and never leave the shield ungrounded! In case of unshielded wiring, keep at least 5cm away from power cables at all times.

In order to maximize installation flexibility, 4 types of control systems are offered

Z-Control (EKEQDCB / EKEQMCBA)

Capacity control based on Room or Return air temperature and set-point set via remote controller. The actual Supply (Discharge) air temperature can not be controlled – hence may not be suitable in fresh-air applications, if there are other heating / cooling sources in the air conditioned space.
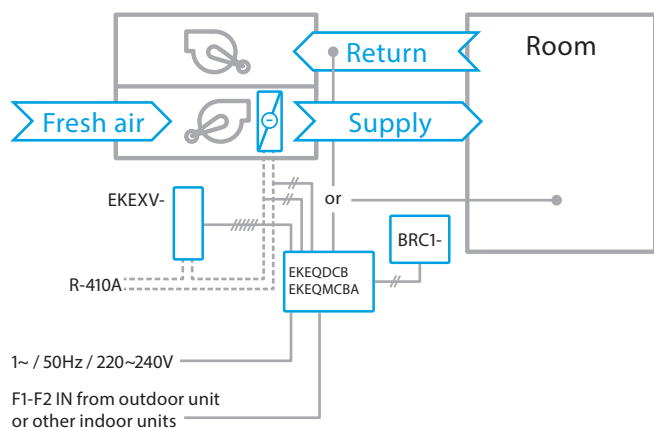
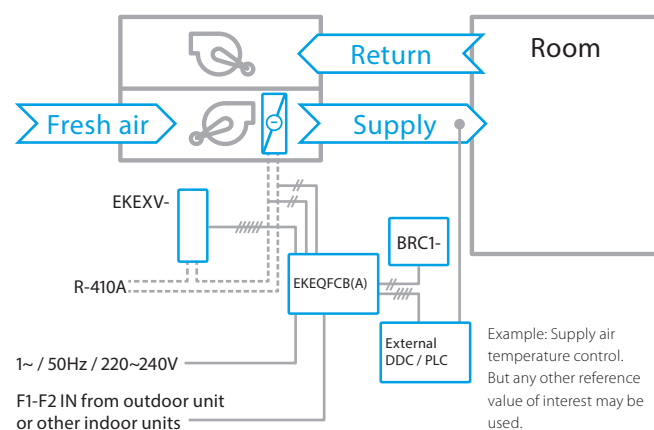| Input	Input value	Effect
Remote On/Off input	Closed contact	System is turned on
	Open contact	System is turned off

Y-Control (EKEQFCBA only)

Capacity control to maintain constant evaporation (Te - in cooling) / condensation (Tc - in heating) temperature. Temperature to maintain is configured via service setting (not end-user controllable) in range of Te = 5~12°C, Tc = 43~49°C. An external system should give an On/Off command signal.
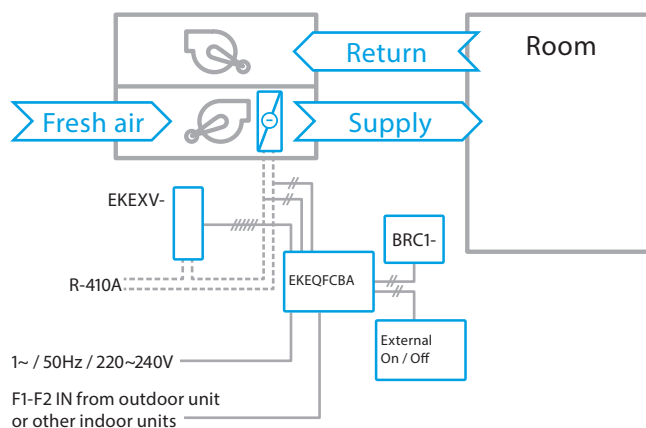
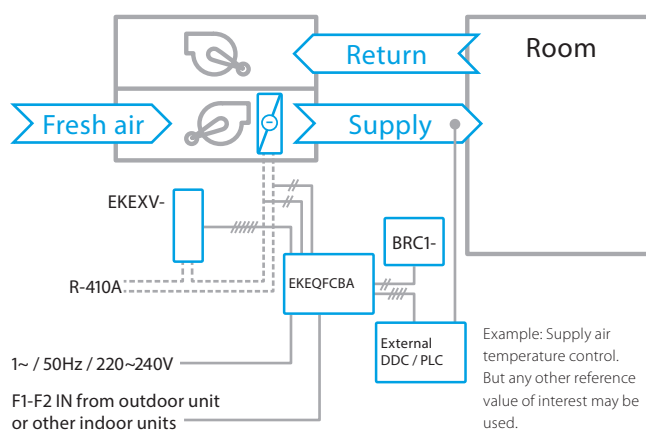| Input	Input value	Effect
Remote On/Off input	Closed contact	System is turned on
	Open contact	System is turned off

X-Control (EKEQFCBA only)

Capacity control by external DDC / PLC via a 0~10VDC analogue input signal. The analogue input signal controls capacity by changing the evaporation (Te - in cooling) / condensation (Tc - in heating) temperature in ranges up to Te = -7~20°C, Tc = 30~55°C. Very precise temperature control can be realized this way.

Example: Supply air temperature control. But any other reference value of interest may be used.

Input	Input value	Effect
Capacity control analogue input	<3V … Te increases / Tc decreases every minute	Supply air gets warmer every minute
	5V … system maintains current capacity	Supply air temperature stays at same value
	>7V … Te decreases / Tc increases every minute	Supply air gets colder every minute
Remote On/Off input	Closed contact	System is turned on
	Open contact	System is turned off

W-Control (EKEQFCBA only)

Capacity control by external DDC / PLC via a 0~10VDC analogue input signal. The analogue input signal linearly controls capacity in 5 capacity steps, by changing the evaporation (Te - in cooling) / condensation (Tc - in heating) temperature in ranges of Te = 6~13,5°C, Tc = 31~46°C. The control logic allows to use commercial off-the-shelf DDC controllers without the need of reprogramming.

Example: Supply air temperature control. But any other reference value of interest may be used.

Input	Input value	Effect
Capacity control analogue input	0~1,5V: OFF	
	1,5~3,5V: Te = 13,5°C / Tc = 31°C	Approximately 40% capacity
	3,5~6,5V: Te = 11°C / Tc = 36°C	Approximately 60% capacity
	6,5~8,5V: Te = 8,5°C / Tc = 41°C	Approximately 80% capacity
	8,5~10V: Te = 6°C / Tc = 46°C	100% capacity
Remote On/Off input	Closed contact	System is turned on
	Open contact	System is turned off

Daikin Service Portfolio

Saving energy doesn't stop with the purchase or installation of energy-efficient equipment; it has to be kept running under optimum conditions.

Good maintenance and servicing are key elements in ensuring the maximum performance.

Are you sure the filters are clean and none of the components are defective?
Are all of your settings correct?

Any of these things may lead to a reduced level of comfort. And while you may not notice the difference right away, you will certainly notice it at the end of the year – when you pay your energy bill.

Our Daikin design team is constantly striving to improve the energy efficiency of our systems.

We at Daikin Service are here to support you in keeping your units up and running efficiently by means of optimised commissioning and start-up, regular and preventative maintenance, remote monitoring, improving the performance of units, and providing cost effective upgrades to benefit from the efficiency gains from our latest state of the art technology.

Optimisation and upgrades

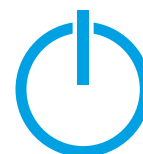European Remote Monitoring Center

Upgrading / optimisation
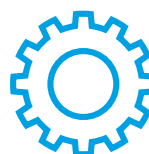
Keep the installation in top condition

Care Packages

Installation support

Commissioning

Parts and repairs

Spare parts

Repair service

60

Commissioning

To guarantee your Daikin unit efficiency and long term performance, Daikin offers the professional start-up of your Daikin system by highly qualified, OEM educated engineers as part of the commissioning services.

Commissioning through an authorized Partner or by Daikin itself assures you that your unit is working as it should and is delivering all the benefits of a unique climate.

Every commissioning is documented as per Daikin standard and a detailed commissioning report is provided, detailing all activities done and recording the functioning of the units.

The prices listed are based on completion of the Pre-Commissioning checklist which covers a range of core activities including the general conditions at the site, provision of power and the required electrical distribution as well as installation related topics. This ensures that the service can be provided efficiently, on time and giving the best results. For the latest edition of the Pre-Commissioning checklist please visit: **www.daikin-ce.com**

Unit type / System Type	Number of Indoor Units					
	0-10 I/U	10-20 I/U	20-30 I/U	30-40 I/U	40-50 I/U	50-64 I/U
	Commisioning Price [Lei]					
VRV outdoor & system commissioning (per system, without indoor unit set-up)	1.485,-	1.980,-	2.475,-	2.970,-	3.960,-	4.450,-
Surcharge for indoor units set-up (per indoor unit). Needed especially for: • Ducted indoor units • Monovalent heating applications	57,-	per indoor unit,-				
PACKAGE price - Total commissioning including complete indoor unit set-up of all indoor units (per system)	1.585,-	2.175,-	2.770,-	3.485,-	4.355,-	4.950,-

Centralized controls

Unit type / System Type	Number of Indoor Units					
	0-10 I/U	10-20 I/U	20-30 I/U	30-40 I/U	40-50 I/U	50-64 I/U
	Commisioning Price [Lei]					
Comm. ITC/ITM/I-TAB (adresses already set) excl. PPD	1.235,-	1.485,-	1.595,-	1.730,-	1.235,-	1.870,-
Comm. ITC/ITM/I-TAB Cloud (adresses already set) incl. PPD	2.475,-	3.730,-	3.080,-	3.300,-	3.575,-	3.710,-
Comm. ITM visual navigation (supplemental cost)	495,-	633,-	880,-	989,-	1235,-	1.375,-
Comm. Gateways (addresses already set, price per gateway)	1.235,-	1.335,-	1.485,-	1.600,-	1.760,-	1.865,-

| Description	Material Number	Price Lei
Additional Services & Materials		
On Request		**On Request**
Labour rates		
Labour hour service engineer	CE.S_LA_HOUR	**265,-**
Labour hour service engineer +50%	CE.S_LA_HOUR50	**400,-**
Labour hour service engineer +100%	CE.S_LA_HOUR100	**530,-**
Labour hour service foreman	CE.S_LA_FOR	**400,-**
Labour hour project design	CE.S_LA_PRO	**400,-**
Normal working hours without surcharge	MON – THU: 08:00-17:00, FRI: 08:00-12:00	
50% surcharge	MON – FRI: 07:00-08:00 and 17:00-20:00,SAT: 07:00-20:00	
100% surcharge	Before 07:00 and after 20:00 and on Sundays and holidays	
Travel Costs (not including parking, highway tolls etc)		
Cost allowance per km	CE.S_TR_KM_AL	**On request**
Flat travel fee per case	CE.S_TR_CASE	**On request**
Special travel cost (plane, ferry…)	CE.S_TR_SPEC	**On request**
Travel zone 1	CE.S_TR_Z1	**On request**
Travel zone 2	CE.S_TR_Z2	**On request**
Travel zone 3	CE.S_TR_Z3	**On request**
Travel zone 4	CE.S_TR_Z4	**On request**
Hourly rate for car travel	CE.S_TR_HOUR	**On request**
Cancellation		
Failed travel (customer fault)	CE.S_COM_FAILTRAV	**50% of planned activity**
Training		
Full day Training per person per day (minimum 5 participants)	CE.S_LA_TRA	**1.500,-**

Maintenance

Maintenance is the key element to ensure the quality, efficiency and flawless operation of any asset. Our Care agreements are based on years of experience to ensure you reap the full benefits of having Daikin Certified engineers maintain your equipment.
Preventive maintenance and regular service is a key component in securing your investment. Dust, temperature, humidity and load degrade the reliability and performance of a VRV system over time.

Regular maintenance of a unit or system ensures that electricity costs and performance are not jeopardized, and that the safety features and the entire system are in line with the latest standards and regulations.
Regular care safeguards your investment for the full lifetime of the Daikin System.
Downtime and failures are avoided, while keeping operating costs low, as they should be throughout the entire system lifecycle. **Preventive care plans** give you cost transparency avoiding
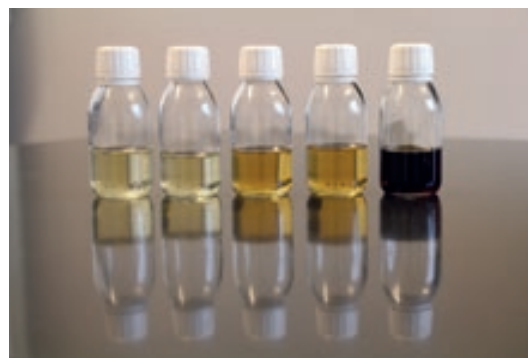
unexpected repair costs or degradation of comfort, quality or production loss.

Daikin Cares contains 3 different levels of maintenance agreements catering to your every need. In addition to these 3 Care packages Daikin offers a comprehensive set of options you can choose from.

1. Care:

Care is the minimal requirement to fulfil current legislation requirements, and makes sure your VRV system is operating in a correct fashion and according to parameters.
The Care package includes the following services:
• Scheduled Inspections based on predefined activities
• Soft- and firmware upgrades as needed and if required
• Validated Log book

2. Preventive Care:

Preventive Care keeps the VRV system in optimal condition for a long time.
In addition to the maintenance activities included in the Care package, Preventive Care includes:
• Service based on predefined activities
• Optimizations and analysis of the retrieved data
• On-site VRV system diagnostic and/or analysis during service intervention
• Recorded, retrievable service history of each VRV system
• Lifecycle report
• Emergency support & callout
• Access to technical assistance and repair service

3. Extended Care:

Extended Care provides maximum equipment availability at the minimum Total Cost of Ownership.
In addition to the activities mentioned in the Preventive care package, Extended Care includes:
• Labor- & travel cost, spare parts for planned maintenances are included
• Labor- & travel cost, spare parts for repairs are included
• Refrigerant is also included
• Remote Predictive Performance monitoring & Analysis
• Extension of warranty
Options:
Energy audit & report using VRV Cloud
Remote monitoring I-Net
Remote analysis using state of the art Big Data tools
Fleet management for larger systems or multi-site systems using I-Tap Cloud
Specialist support and consultancy

Price in Lei

Description	Care	Preventive Care	Extended Care
Maintenance up to 10IU	On request	On request	On request
Maintenance 11-20IU	On request	On request	On request
Maintenance 21-30IU	On request	On request	On request
Maintenance 31-40IU	On request	On request	On request
Maintenance 41-50IU	On request	On request	On request
Maintenance 51-64IU	On request	On request	On request

Options

Description			
Specialist support and consultancy per hour	On request		
Energy audit & report using VRV Cloud	On request		
Remote monitoring I-Net	On request		
Remote analysis using state of the art Big Data tools	On request		
Fleet management for larger systems or multi-site systems using I-Tab Cloud	On request		

	Monday-Friday 17-22h	Weekend, Holiday, Nights
Emergency support	On request	On request

	Call out Time 24h	Call out Time 16h	Call out Time 8h	Call out Time 4h
Call out Time (48h included in PR. and EX. CARE)	On request	On request	On request	On request

NOTE:
The listed prices are subject to change and might change without prior notification. Note that the prices are to be understood as NET prices without VAT and travel.
The listed prices are based on order confirmation minimum 10 days before commencement of work.

E-Parts

Find the correct spare part for your Daikin unit, check availability (real-time) and order online.

All in just a few simple steps.

Your advantages:

› Always available
› Fast handling
› „real time" availability
› Free shipment
› Flexible delivery address
› Prompt feedback

Register now to use the E-Parts service

You can find the online registration form on
www.daikin.xy/someadress

Always accessible for you

You can find the links to E-Parts and to the spareparts bank on our Business Portal:

http://eparts.daikin-ce.com

Service Academy

The Daikin Service Academy offers individual learning paths covering all service cases for Daikin products.
Our goal is to help you delivering better Service on site and therefore grow your business.

DAIKIN
SERVICE
ACADEMY CENTRAL EUROPE

Goals & Objectives

With the Daikin Service Academy we want to offer a uniform European learning program for service technicians (internal & external) to become the best of the best.

› Ensure that our partners have skilled labour available
› Enable and deliver high quality Service to our end users
› Enhance performance and efficiency, using less time for service interventions
› Improve quality and hence customer satisfaction on site
› Foster career paths to keep service technicians in the HVAC-R industry
› Offer trainings in local language wherever possible

Our training packages cover following areas:

› Installation & Pre-Commissioning
› Commissioning
› Maintenance
› Troubleshooting & Repair
› Application & Design

Want to know more?

Please contact us for more information about the Daikin Academy Central Europe:
academy@daikin-ce.com

Remote Monitoring
Services

The latest technology matched with superb service to improve the efficiency and reliability of your HVAC-R installation.

Connected air conditioning works smarter. We offer several ways to manage your products and installations remotely. From performance monitoring to predictive logic and analyses and more, our Intelligent Network is a cost-efficient way to increase the security, uptime and reliability of your installation.

Predicting breakdowns ahead of time

Analytics

Data is our raw material, and data analytics is our product. The continuous monitoring and analysis of a system's operating data is not only the key to ensuring efficient operation, cutting operating and maintenance costs and optimizing user comfort. Data analysis also provides further valuable and often surprising insights.

Hassle-free connection

We know that connecting a system to the cloud can often be a real challenge – but that's no longer your problem. We'll take care of the connection, including the mobile network and the router, both of which are remotely monitored to maximize infrastructure reliability.

Daikin Cloud Service

Our web-based service provides reliable and secure remote monitoring. Our top priority is to earn your trust. Daikin Cloud Service meets the highest security standards in all respects – safeguarding your data privacy as well as transporting and storing your data securely at all times.

The benefits of remote monitoring

Remote Monitoring or control

Daikin Cloud Service is a web-based remote monitoring and control solution for HVAC systems that can even manage the energy consumption of several buildings at once. There's no need to install any special software. Everything is accessible using a standard browser, whether via a computer or a mobile device.

No potential problem goes unnoticed

What's more, Daikin Cloud Service provides automatic notification if it detects a possible malfunction. This unique predictive notification feature enables service measures to be initiated even before the user notices that a problem has arisen – thus maximizing reliability and minimizing service costs.

Maximum performance

The performance of even the best system can be impaired if it is not properly operated. Continuous monitoring allows load profiles, usage patterns and operating conditions to be closely followed. The data obtained is the basis for optimizing a system's operation and maintenance as well as its return on investment.

Real case

Real life examples, how continuous monitoring and data analysis could be useful:

-20%

Lower VRV consumption

Thanks to analysis of the VRV systems energy consumption data, we could provide the recommendation, how to change the usage pattern. The result was 20% reduction of electricity costs for cooling and about 15% in heating.

30%

Higher outlet temperature

Thanks to operation data analysis, we identified the possible comfort issues. Following operation assessment provided the base for taking the countermeasures to increase their comfort.

40%

Spare refrigeration capacity

Long term monitoring of the Conveni pack, identified that the client has a 40% spare refrigeration capacity. This allowed to reduce the number of installed devices and thus save the investment costs.

-20%

Lower investment costs

Operation data analysis of the old VRV system confirmed, that the replacement capacity and system layout could be optimized. This allowed to decrease investment costs of the replacement system and to resolve comfort issues.

Notes

Used abbreviations and nominal conditions

1.)   Used abbreviations:
             AHU ... Air Handling Unit
             IU ... Indoor Unit
             OU ... Outdoor Unit
             HRV ... Heat Reclaim Ventilation
             MFA ... Maximum Fuse Amps - The capacity of the circuit breaker or fuse securing the unit must not exceed this value
             MCA ... Minimum Circuit Amps - The power supply wiring must be dimensionned (cross-section) for at least this value according to local and national legislation

2.)   Nominal cooling capacities are based on following conditions:
             Standard indoor units: – indoor temperature 27°CDB / 19°CWB – outdoor temperature 35°CDB – refrigerant piping length: 7,5m – level difference: 0m
             LT Hydrobox: – leaving water temperature 18°C – delta T 5K – outdoor temperature 35°CDB – refrigerant piping length: 7,5m – level difference: 0m

             Nominal heating capacities are based on following conditions:
             Standard indoor units: – indoor temperature 20°CDB – outdoor temperature 7°CDB – refrigerant piping length: 7,5m – level difference: 0m;
             LT Hydrobox: – leaving water temperature 35°C – delta T 5K – outdoor temperature 7°CDB/6°CWB – refrigerant piping length: 7,5m – level difference: 0m HT Hydrobox: – leaving water temperature 45°C – delta T 5K – outdoor temperature 7°CDB/6°CWB – refrigerant piping length: 7,5m – level difference: 0m

DAIKIN

Welcome the next generation of VRV

Lower CO_2 equivalent and market-leading flexibility

Available from September 2020

BLUEVOLUTION

Variable **R**efrigerant **T**emperature

Top sustainability

☑ Reduced CO_2 equivalent thanks to the use of lower GWP R-32 refrigerant and lower refrigerant charge

☑ Top sustainability over the entire lifecycle, thanks to market leading real-life seasonal efficiency

Market-leading flexibility

☑ Offering like-for-like R-410A flexibility

☑ Specially designed indoor units for R-32, ensuring low sound and maximum efficiency

☑ New 10 class indoor unit

CO2

ErP 2021 COMPLIANT

Already fully compliant to LOT 21 - Tier 2

Daikin products are distributed by:

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units (FCU), Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

CE

DACE VRV Pricelist 2020-2021 for RO | Version February 2020
We reserve the right for printing errors and model changes