



UNI-KLIMA SH.P.K

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Teknologjit UNIKE

Authorized dealer of  **MITSUBISHI
ELECTRIC**
LIVING ENVIRONMENTAL SYSTEMS



Mr.SLIM+

PUMY+ecodan

CITY MULTI R2

Gama e Produkteve

Sistemet AJER -AJER

- Split
 - Linja Familjare
 - Linja Tregtare
- Multi Split
- miniVRF
- VRF – HVRF
- Ftohesit e serverave
- IT COOLING

Sistemet AJER -UJE

- Pompat e nxehtesis
- minichiller
- Chiller (e-series)

Sistemet e Ventilimit

- Lossnay
- Lossnay + dx coil
- AHU- wizardX

Sistemet Split – Linja Familjare

R32



MSZ-LN-VG2



MSZ-EF-VGK



MSZ-AP-VGK



MSZ-HR-VF



MSZ-FT-VGK



MSZ-BT-VG



**MFZ-KT
MFZ-KW**



SFZ-M



SEZ-M



SLZ-M



MLZ-KP

i RI

i RI

i RI

i RI

MSZ-LN – VG2

R32

MSZ-LN-VG
MSZ-LN-VG2

MUZ-LN-VG2

- Sasi me e vogel gazi ftohes R32, fale shkembysesit me tub Ø5mm
- Ekrani i pultit eshte me Ndricim **BACK LIGHT**
- MUZ-LN50VG2 – **30 metra** gjatesi tubash (aktualisht 20metra)
- MSZ-LN50VG2 lidhet me multi MXZ-F VF3
- Njesi te jashteme **Hyper heating** (MUZ-LN ** VGHZ2)
- Wi-Fi **built -in**

Lidhjet me MULTI			MXZ R410A	MXZ-F (R32)				PUMY	
				VF2	VF3	5/6 DALJE	VAHZ	BOX	LEV-kit
LN	18/25/35	VG	0	0	0	x	x	0	0
	18/25/35/50	VG2	0	0	0	0	0	0	0

MSZ-LN – VG2

19dB(A)



GOOD DESIGN AWARD 2016

BEST 100
R32


3D i-see Sensor

Sensori me infra të kuqe përdor teknologji të avancuar për të mundur konfort maksimal duke monitoruar dhe matur temperaturën e trupit dhe të ambientit .

- Eficiencë e lartë energjitike **A+++** për modelet **25;35;50** dhe **A++** për modele **60**.
- Njësi kompakte me dizenoj unike.
- Konektoret **CN105**, **CN110**, **CN104**

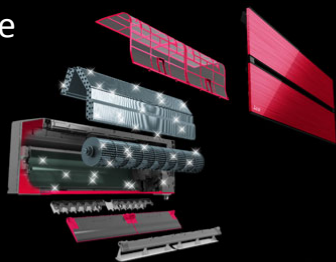


Plasma Quad Plus

Shtresa e dyfishtë e filtrit parandalon grumbullimin e pluhurave dhe avujve të vajit

- Tymi i cigares
- Avujt e vajit

- Papastërti
- Pluhur



Plasma Quad Plus



Sistemi i pastrimit të ajrit me anë të teknologjisë plasma, filtrojnë edhe grimcat më mikroskopike.





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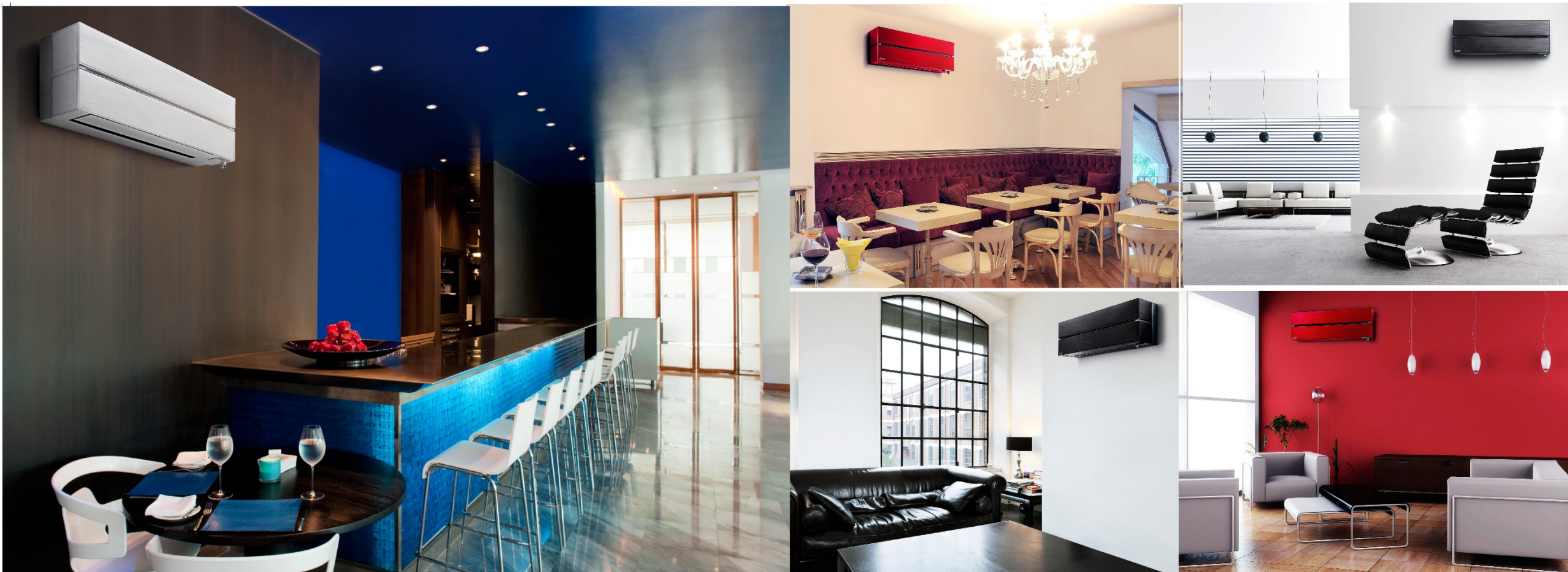
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Dizenjo Unike që përshtatet me çdo dekor të brendshëm



MSZ-FT VGK

R32

i RI



- Eficiencë e lartë energjitime **A+++ / A++**
- Wi-Fi **built – in**, konektori CN110, i lire konektori **CN 105**
- Njesi te jashteme **Hyper heating** (MUZ-FT ** VGHZ)
- Kapacitet nominal i garantuar ne **-15°C**
- Diapazoni i punimit deri ne **-25°C**
- Ekrani i pultit eshte me Ndricim **BACK LIGHT**
- Kontrolli fryrjes mjatas-djathtas, dhe larte – poshte
- Vetem opsioni **SPLIT**

	Modeli 25	Modeli 35	Modeli 50
MSZ-FT VGK	0	0	0
MUZ-FT VGHZ	0	0	0



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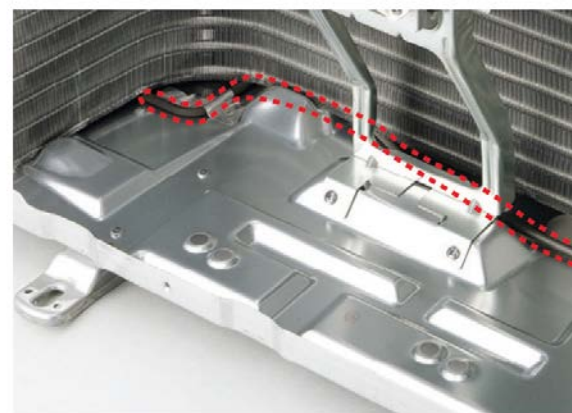
MSZ-FT V GK



MUZ 35/50



MUZ 25



With Freeze-prevention heater

R32

MSZ-EF VGK

R32


	Modeli 18	Modeli 22	Modeli 25	Modeli 35	Modeli 42	Modeli 50
Nj. Brenda	0	0	0	0	0	0
Nj, Jashte			0	0	0	0



- Eficiencë e lartë energjitike **A+++** për modelet **25;35** dhe **A++** për modele **42;50**.
- Wi-Fi **built – in**, konektori CN110, i lire konektori **CN 105**
- Njësi kompakte me dizeno unike.
- Ekran i pultit eshte me Ndricim **BACK LIGHT**
- Programim javor
- Modeli i disponueshem me 3 ngjyra (E zeze, e Bardhe, Gri)
- **SPLIT & MULTI SPLIT**

MSZ-AP VGK -E2

MSZ-AP15/20VF



MSZ-AP25/35/42/50VG



	Model i 15	Modeli 20	Modeli 25	Modeli 35	Model i 42	Modeli 50	Modeli 60	Modeli 71
Nj. Brenda	0	0	0	0	0	0	0	0
Nj, Jashte		0	0	0	0	0	0	0

- Eficiencë e lartë energjitike **A+++** për modelet **20;25;35** dhe **A++** për modele **42;50;60;71**.
- Wi-Fi **built – in**, konektori CN110, i lire konektori **CN 105**
- Mundësi lidhje me Wi-Fi me **MELCLOUD A15, AP 20**.
- Njësi kompakte me dizeno unike.
- Kontrolli fryrjes mjatas-djathtas, dhe larte – poshte
- Pult kontrolli i ri, SLIM
- SPLIT & MULTI SPLIT

MSZ-AP VGK -E2

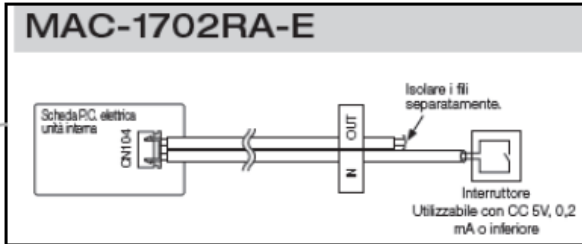
- CN104¹ (window switch) CN105 (IT terminal) CN110 (wifi)¹



CN104

CN105

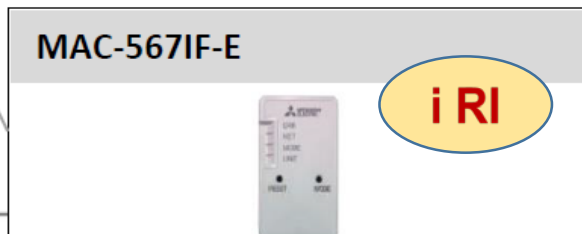
CN110



Window switch



M/Net – Wired remocon



Wifi adaptor

Modeli 25:71

MSZ-BT VG

i RI



- Eficiencë energjitike **A++/A++**
- Mundësi lidhje me Wi-Fi me **MelCloud**,
- Njësi kompakte
- Nivel i ulet zhurme 19dBA
- Pult kontrolli i ri, SLIM
- SPLIT & MULTI SPLIT

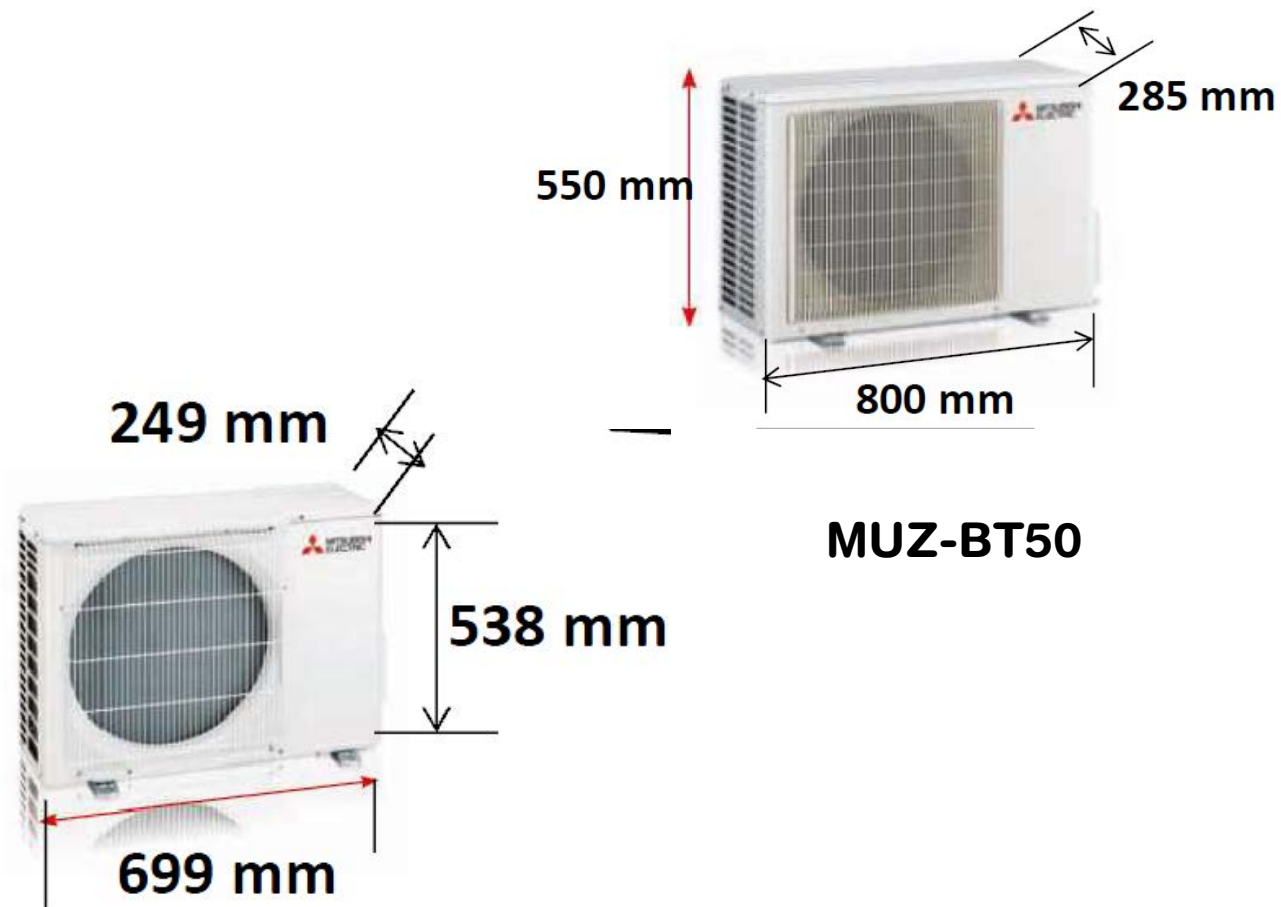
	Modeli 20	Modeli 25	Modeli 35	Modeli 50
MSZ-BT	O	O	O	O
MUZ-BT	O	O	O	O
MXZ-VF	O	O	O	X

I disponueshem ne Prill

MSZ-BT VG



**Tubat e lidhjes 6.35/9.52 (BT20/25/35)
6.35/12.7 (BT50)**



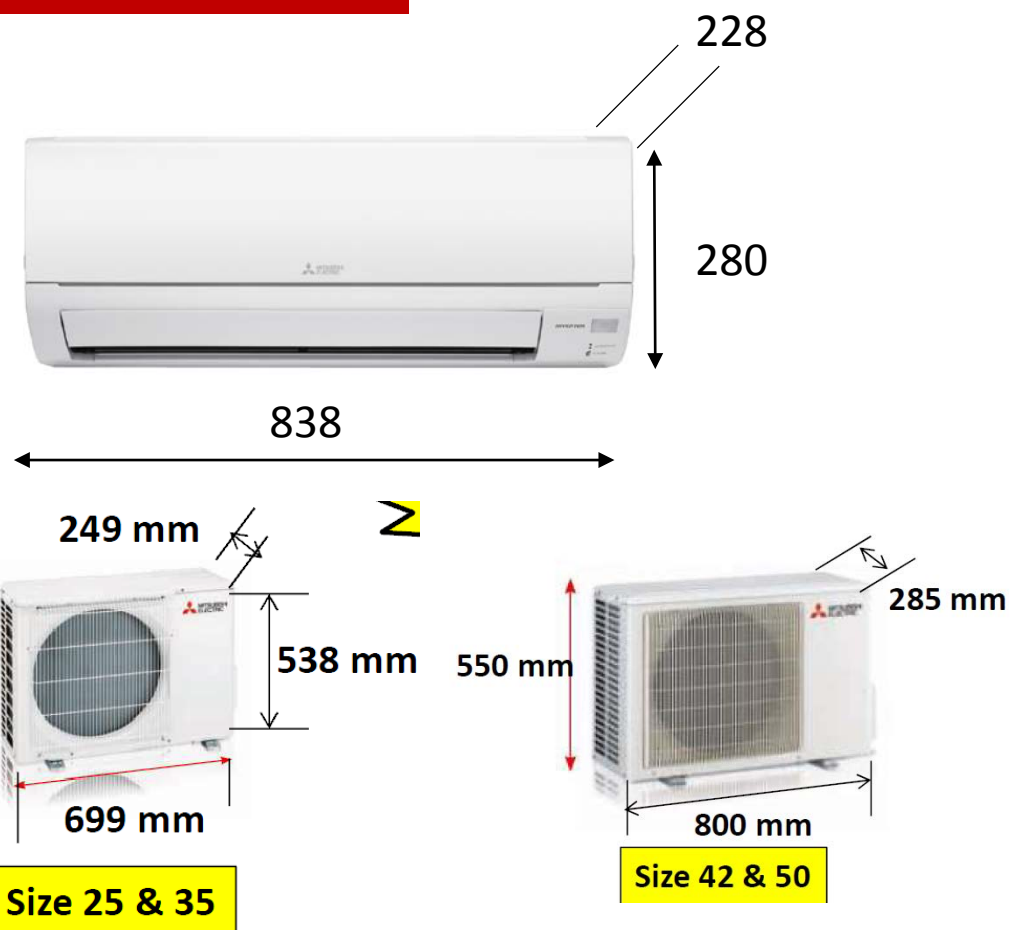
MSZ-BT VG



- **Pult te ri kontrolli SLIM**
- **Timer ON/OFF 24hr**
- **NIGHT MODE**
- **ECONO COOL**
- **I SAVE**



MSZ-HR



- Eficiencë energjike **A++/A+** për te gjitha modelet
- Mundësi lidhje me Wi-Fi me **MELCloud**.
- Njësi kompakte
- Shperndarja e ajrit lart-posht me flete te motorizuar, majtas-djathtas manual
- Furnizim nga njesia e jashteme
- Konektoret CN105, CN104

	Modeli 25	Modeli 35	Modeli 42	Modeli 50	Modeli 60	Modeli 71
Nj. Brenda	O	O	O	O	I RI	I RI
Nj, Jashte	O	O	O	O	I RI	I RI

MSZ-HR 60/71 VF

R32



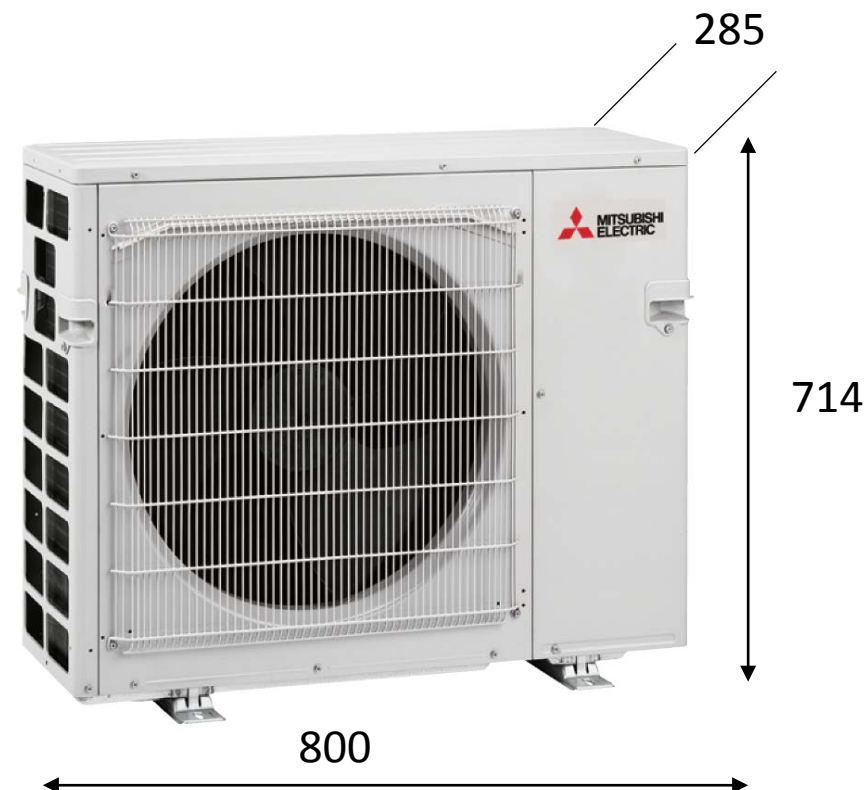
Njesi kompakte

Eficense e larte A++/A+

Tubat e lidhjes 6.35/12.7

Gjatesia e tubave 30ml

Mundësi lidhje me Wi-Fi me MELCloud



MXZ-HR



A⁺⁺
A⁺



R32

Multi inverter

Daljet	Fuqija ne KW
2	4
	5
3	5

- Eficiencë energjitike **A++/A+** për te gjitha modelet
Mundësi lidhje me Wi-Fi me **MELCLOUD**.
- Furnizim me energji nga njesia e jashteme
- Njesit e brendeshme **VETEM MSZ-HR**
- Refregjerant: **R32**.

MFZ-KT

i RI



- Gas Ftohes **R32**
- Madhesi e re **MFZ-KT60VG** (Ekskluzive)
- Njesi e jashteme **SUZ-M** (nuk ka njesi te dedikuar)
- **Sensor gazi** per instalim ne hapsira te vogla
- Shkembyesi **DX** me tuba bakri me diameter me te vogel (nuk ka nevojë per shtim gazi kur instalohet me multi)

- Eficiencë energjitike **A++/A+**
- Mundësi lidhje me Wi-Fi me **MELCloud**.
- Njësi kompakte,
- Shperndarja e ajrit me ane te 3 fleteve
- Konektoret CN105, CN104

	Modeli 25	Modeli 35	Modeli 50	Modeli 60
MFZ-KT	O	O	O	O
SUZ-M VA R1	O	O	O	O
MXZ-F VF2	O	O	O	X



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MFZ-KW

i RI



- Njesi e re dysHEME me Gas Ftohes **R32**
- **HYPER HEATING**
- Njesi e jashteme/e brendeshem e **DEDIKUAR**
- **Sensor gazi** per instalim ne hapsira te vogla
- E pershtateshme per **MXZ Hyper heating**
- E njejeta kase me **MFZ-KT**

- Eficiencë energjitike **A++/A+**
- Mundësi lidhje me Wi-Fi me **MELCloud**.
- Shperndarja e ajrit me ane te 3 fleteve

I disponueshem ne SHTATOR

	Modeli 25	Modeli 35	Modeli 50
MFZ-KW	0	0	0
MUFZ-KV VGHZ	0	0	0
MXZ-F VGHZ	0	0	0

MLZ-KP

Njesi kaset me 1 drejtim

R32



- Grila 1200 x 424 x 24 mm

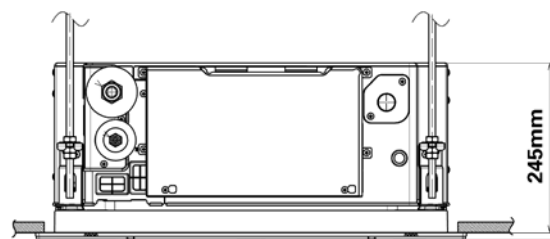
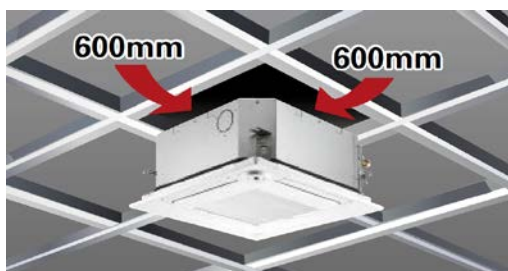
	Modeli 25	Modeli 35	Modeli 50
Nj. Brenda	0	0	0
Nj, Jashte	0	0	0

- Eficiencë energjitike **A++** per te gjitha modelet **A+** ne ngrohje per **25** dhe **50**, **A++** per **35**
- Mundësi lidhje me Wi-Fi me **MELCLOUD**.
- Njësi kompakte,
- Grila e sheshte dhe ne forme katrore
- Fryrja e ajrit horizontal,
- Gjyra e bardhe e paster
- Konektoret CN105, CN104
- **Njesia e jashteme SUZ-M me R32**

SLZ-M

Njesi kaset me 4 drejtim

R32

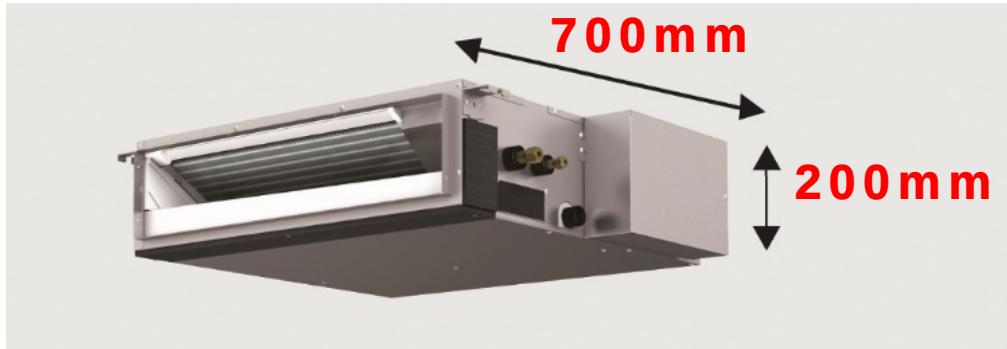


	Modeli 15	Modeli 25	Modeli 35	Modeli 50	Modeli 60
Nj. Brenda	0	0	0	0	0
Nj, Jashte		0	0	0	0

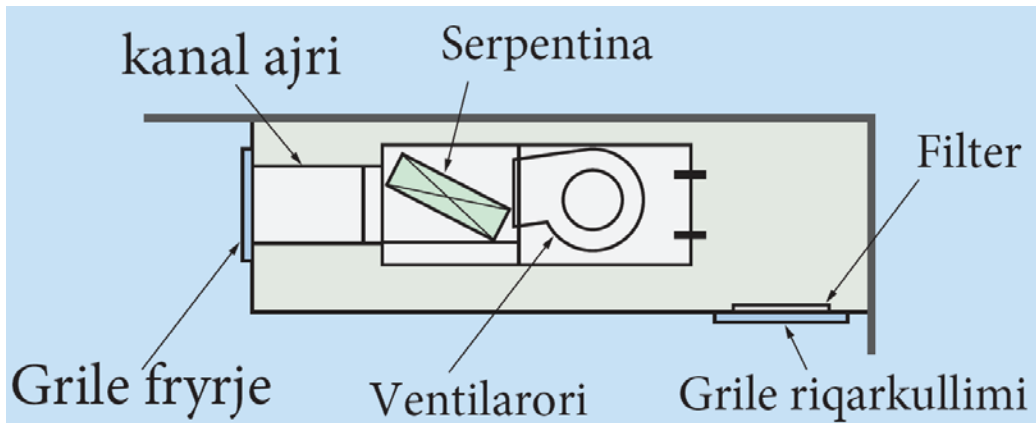
- Eficiencë energjitike **A++/A+** per te gjitha modelet
- Mundësi lidhje me Wi-Fi me **MELCloud**.
- Njësi kompakte, e pershtateshme per tavan 60x60
- Grila e sheshte dhe ne forme katrore
- E paisur me 3D i see sensor,
- Pompe per largimin e kondenses
- Fryrje ajri horizontale
- Programim javor

SEZ-M Njesi kanalore

R32



- Mundësi lidhje me Wi-Fi me **MELCloud**.
- Njësi kompakte, lartësia 20cm dhe thellesia 70cm
- Pompe per largimin e condenses Opsionale
- Ventilator DC,
- 4 nivele presioni static,



	Modeli 25	Modeli 35	Modeli 50	Modeli 60	Modeli 71
Nj. Brenda	0	0	0	0	0
Nj, Jashte	0	0	0	0	0

SFZ-M

i RI


SFZ-M

- Njesi e re dysheme **INCASO** me Gas Ftohes **R32**
- Njesi e jashteme **SUZ-M** dhe multi **MXZ-F**
- Eficiencë energjitike **A++/A+** per te gjitha modelet
- Mundësi lidhje me Wi-Fi me **MeiCloud**.
- Ventilator **DC, 3** Shpejtesi
- 4 nivele presioni static, **0/25/40/60Pa**

	Modeli 25	Modeli 35	Modeli 50	Modeli 60	Modeli 71
SFZ-M VA	O	O	O	O	O
SUZ-M VAR1	O	O	O	O	O
MXZ-F VF3	O	O	O	O	O
MXZ-F VFHZ	O	O	O	O	O
PUMY	O	O	O	O	O



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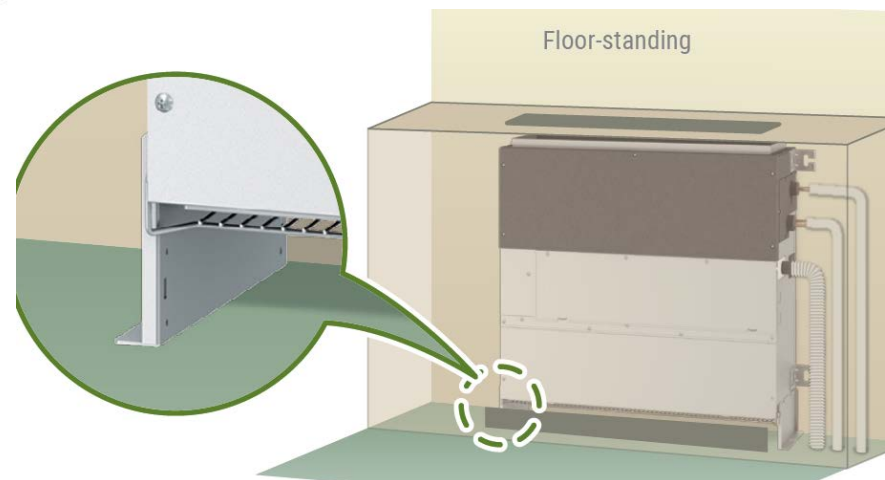
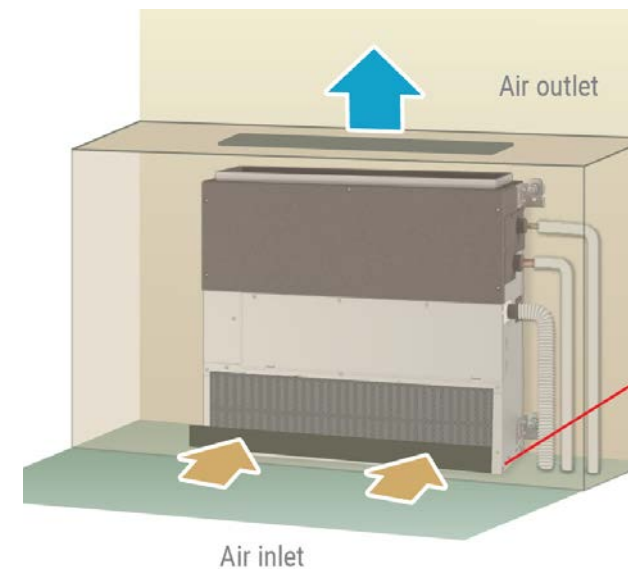
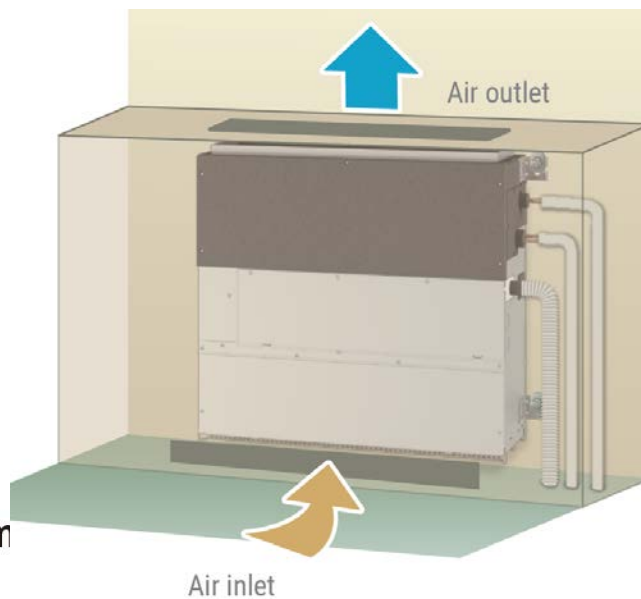
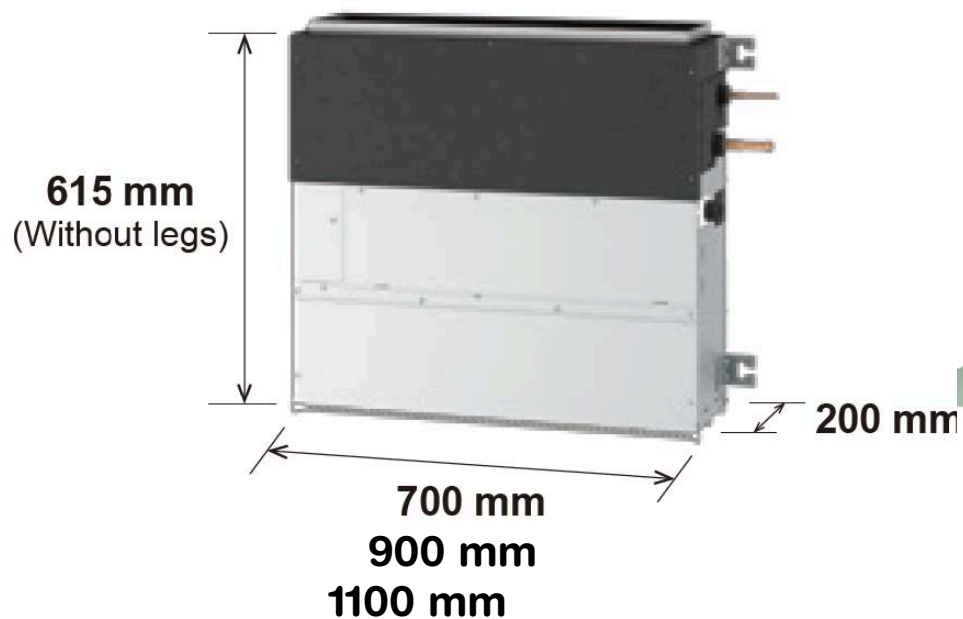
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SFZ-M

R32



Sistemet Multi inverter dhe miniVRF

Konfigurimi i sistemit

**1 PAISJE E
JASHTME**



**2 ÷ 11 PAISJE TË
BRENDSHME**

Sistemet Multi inverter me **R32**

MXZ-F VF2 → MXZ-F VF**3**

- Njesi e re multi inverter me R32, 2 deri ne 4 dalje
- Mundesi lidhje per modelet BT/SFZ/AP60/LN-VG2



- Modele te reja me **4, 5, 6 dalje me R32**
- **Nuk ka nevoje per shtese gasi**
- Dimensione te njejta me modelet me R410a

MXZ - 4F83VF

MXZ - 5F102VF

MXZ - 6F122VF

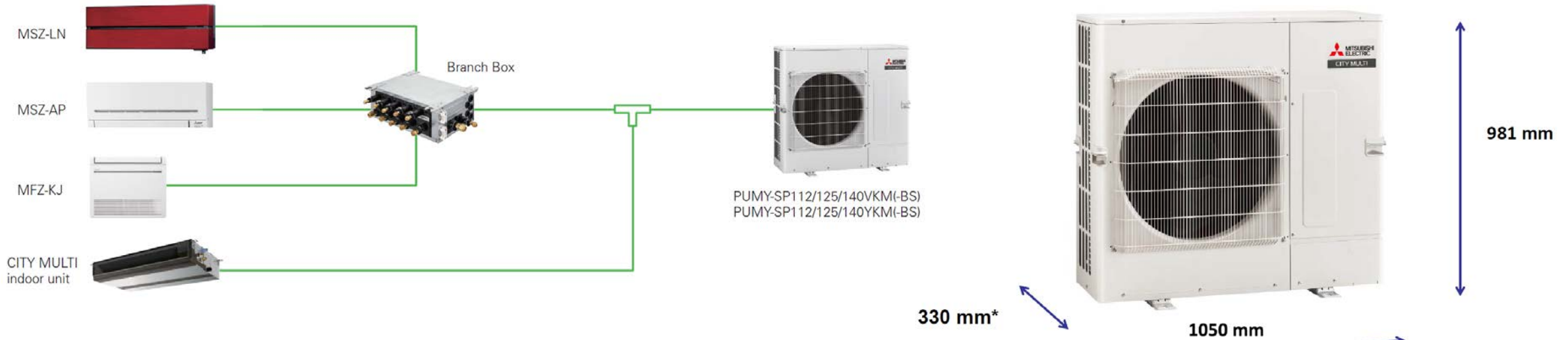
I disponueshem ne PRILL

MXZ- 4/5/6F VF

R32

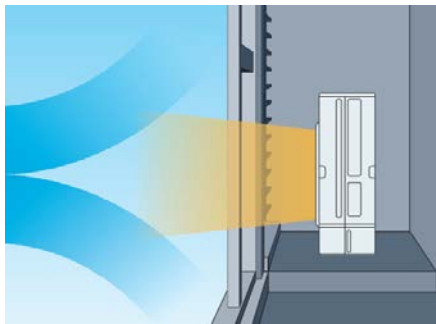
	4 DALJE		5 DALJE		6 DALJE	
						
	R410A	R32	R410A	R32	R410A	R32
	4E83VA	4F83VF	5E102VA	5F102VF	6D122VA	6F122VF
SEER/SCOP	6,3/4,2	8,51/4,72	6,6/4,02	8,21/4,65	--	--
Klasifikimi	A++/A+	A+++/A++	A++/A+	A++/A++	--	--
EER/COP	3,4/4,65	4,21/4,65	3,24/4,49	3,64/4,6	3,33/4,23	3,33/4,23
Disniveli max	15/(10)	15	15/(10)	15	15/(10)	15

Sistem miniVRF, me 1 ventilator, 12.5kw, 14kw, 15.5kw

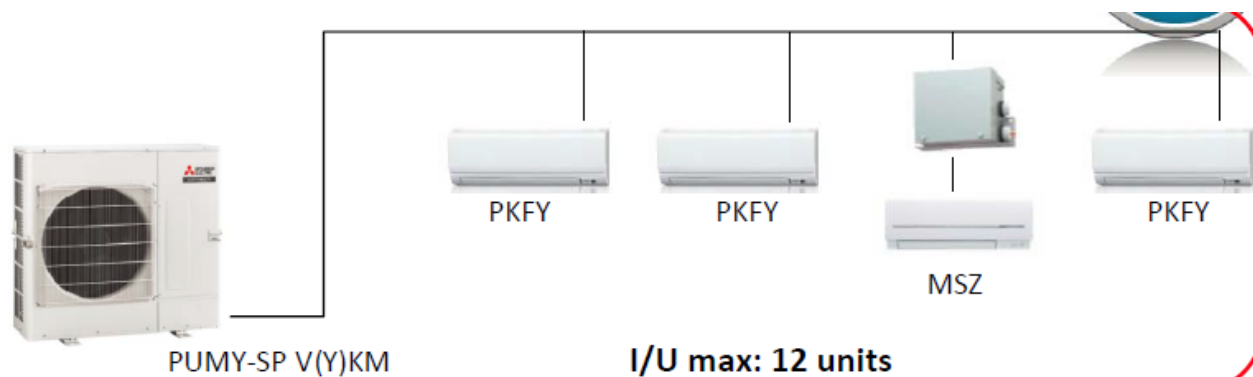


Sistem miniVRF, janë sisteme ku mund të kombinosh:

- Njesi të brendeshme të linjes familjare,
- Njesi të brendeshme të linjes tregtare
- Njesi të brendeshme të linjes VRF



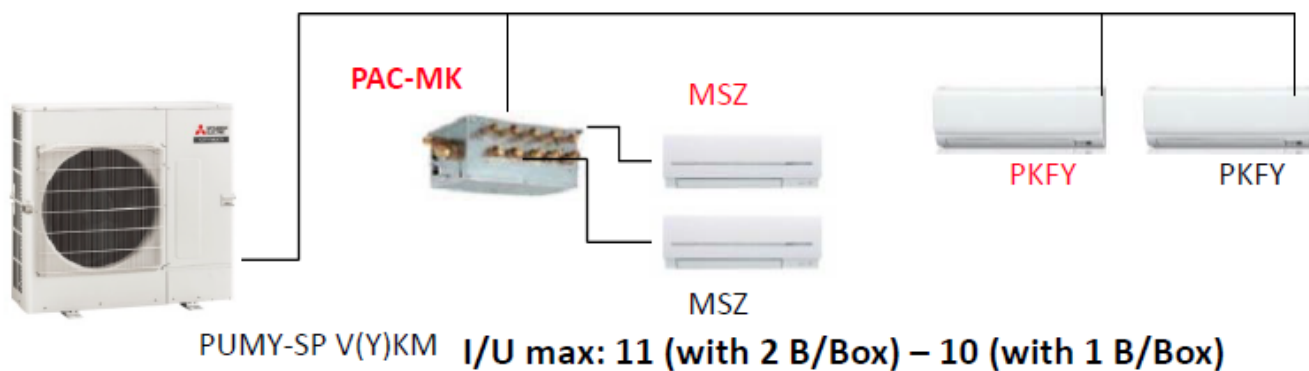
- ✓ Furnizimi me energji, 1F, 3F
- ✓ COP/EER, me të lartë në krahasim me konkurentet
- ✓ Lidhje me LEV-kit
- ✓ Lidhje me shpërndaresin Branch Box, 5 dhe 3 dalje
- ✓ Opsionin e super silent mode
- ✓ 30Pa ESP
- ✓ Gjatesia totale e linjave të bakrit 120m
- ✓ Kompresor Rotativ TWIN hermetik
- ✓ Erp 2018



Skenari 1:Njesi VRF +LEVkit

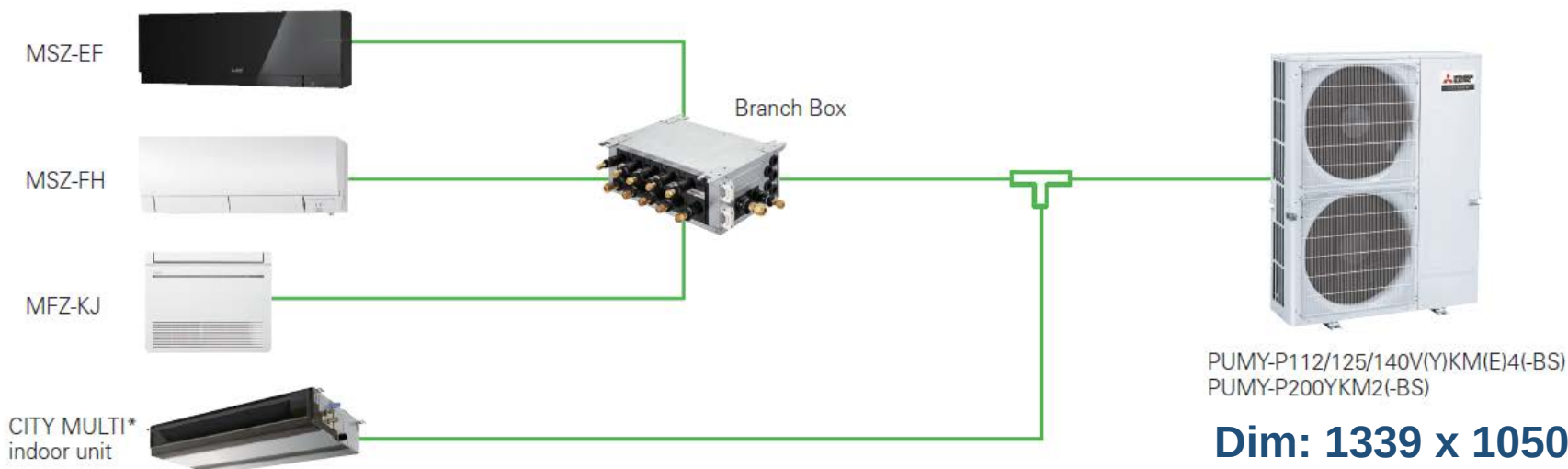


Skenari 2:Njesi multi me branch box



Skenari 3:Njesi VRF + Njesi multi me branch box

Sistem miniVRF, me 2 ventilator, 12.5kw, 14kw, 15.5kw, 22.2kw



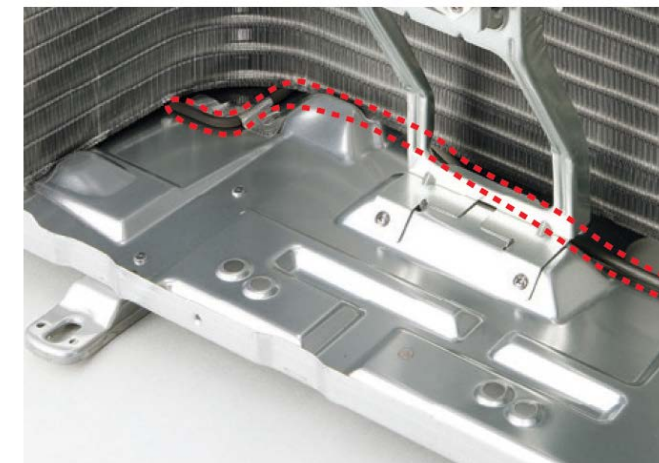
Dim: 1339 x 1050 x 330 (+40) mm

- ✓ Furnizimi me energji, 1F, 3F, P200 vetem 3F
- ✓ Lidhje me LEV-kit
- ✓ Lidhje me shperndaresin Branch Box 5 dhe 3 dalje
- ✓ **30Pa ESP OPSONAL**
- ✓ Opsionin e super silent mode

- ✓ Gjatesia totale e linjave te bakrit 300ml
- ✓ Kompresor SCROLL hermetic
- ✓ **Lidhje me HYDROBOX dhe HYDROTANK**

MXZ- F2/4 VFHZ

- Njesi e re multi inverter **Hyper Heating** me R32
- Njesi me 2 dalje 5,4kw
- Njesi me 4 dalje 8,3kw
- **Nuk ka nevojë për shtesë gasi**
- Kapaciteti nominal i garantuar deri **ne -15°C**
- Punimi i njesis është i garantuar deri **ne -25°C**
- Bazamenti i njesis i pajisur me ngrohës elektrik



With Freeze-prevention heater

	R410A	R32	R410A	R32
	2E53VAHZ	2F53VFHZ	4E83VAHZ	4F83VFHZ
SEER/SCOP	6,5/4,1	7.00/4.1	6,5/4,1	7.2/4.3
Klasifikimi	A++/A+	A++/A++	A++/A+	A++/A++
EER/COP	4.1/4.71	4.42/5.25	3.69/4.74	4.37/5.29
Punimi ne Ngrohje	-25/24	-25/24	-25/24	-25/24

Sistemet Split – Linja Tregtare

R32

Njesit e brendeshme



Njesi kaset me 4 drejtime



Njesi kanalore presion i mesem



Njesi kanalore presion i larte



Njesi Murale



Njesi tavanore



Njesi tavanore
Per kuzhina



Njesi Kollon

Sistemet Split – Linja Tregtare

Njesit e Jashteme

Power inverter R32



- ✓ 3.5kw – 14kw , 10modele
- ✓ Kapaciteti ne ngrohje i garantuar deri ne -3°C
- ✓ SEER mbi 7.0
- ✓ 30Pa, ESP opsional
- ✓ Gjatesi e linjave te bakrit 100ml
- ✓ Disniveli 30ml
- ✓ -20°C + 46°C

Standart inverter R32



- ✓ 3.5kw – 15kw , 10modele
- ✓ Gjatesi e linjave te bakrit 65ml
- ✓ Disniveli 30ml
- ✓ Opsioni Dual set point
- ✓ -15°C + 46°C

EcoStandart inverter R32



- ✓ 7.1kw – 14kw , 5modele
- ✓ Gjatesi e linjave te bakrit 40ml
- ✓ Disniveli 30ml
- ✓ Njesit qe kombinohen
 - ✓ Kaset
 - ✓ Kanalor



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LIVING ENVIRONMENTAL SYSTEMS

Sistemet Split – Linja Tregtare

R32



PEA – M 200/250

PUZ - ZM 200/250

PUZ - M 200/250

COMING SOON

Linja tregtare Per zona te ftohta Hyper – heating - ZUBADAN

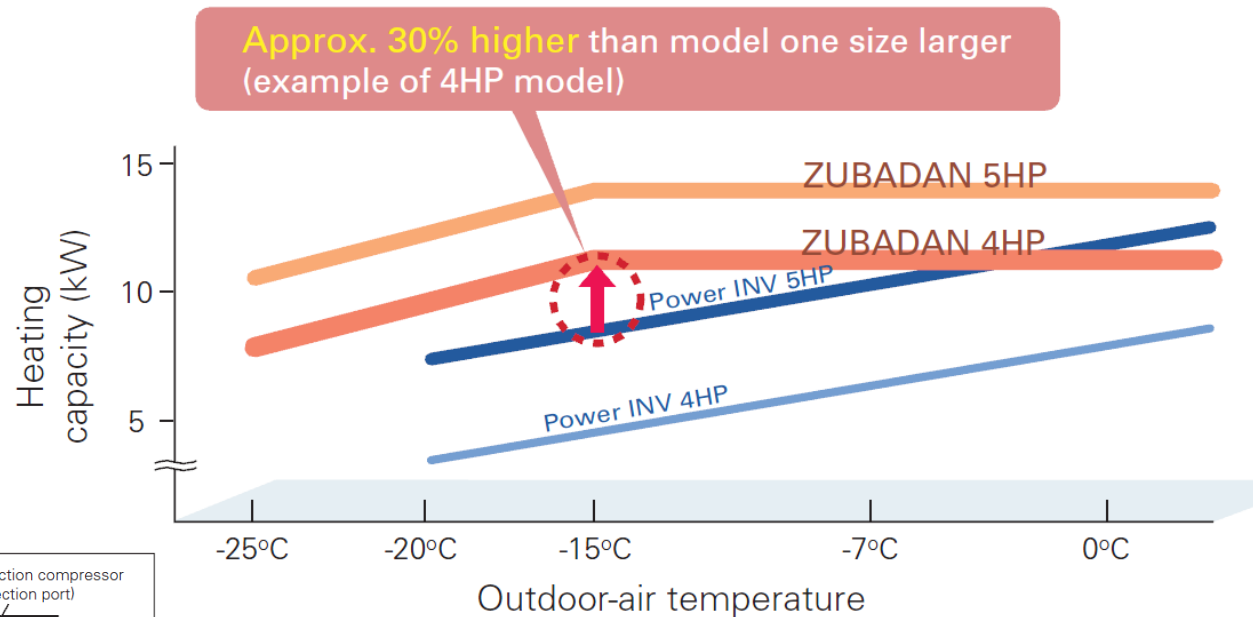
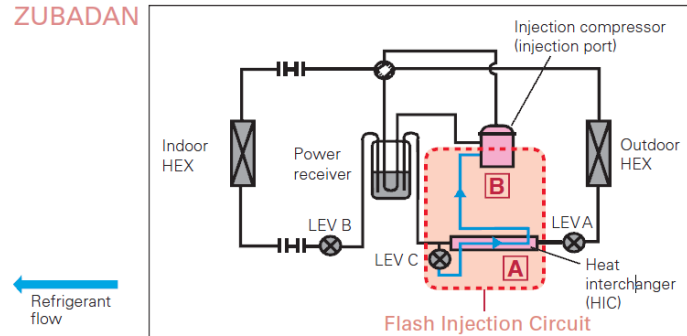
R410A



PUHZ-SHW112VHA(-BS)
PUHZ-SHW112/140YHA(-BS)

Flash Injection Circuit

ZUBADAN



- Kapaciteti nominal i garantuar deri ne -15°C
- Punimi i njesis eshte i garantuar deri ne -25°C
- Defrost i shpejte dhe rekuperim te shpejte mbasi ka perfunduar procesi i defrostit
- Futje e shpejte ne pune



Njesi kaset me 4 drejtime



Njesi Murale



Njesi kanalore presion i mesem



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VRF – Hybrid VRF

Authorized dealer of



Prezantimi i Produkteve

CITY MULTI

VRF (Variable Refrigerant Flow)

VRF – Hybrid VRF

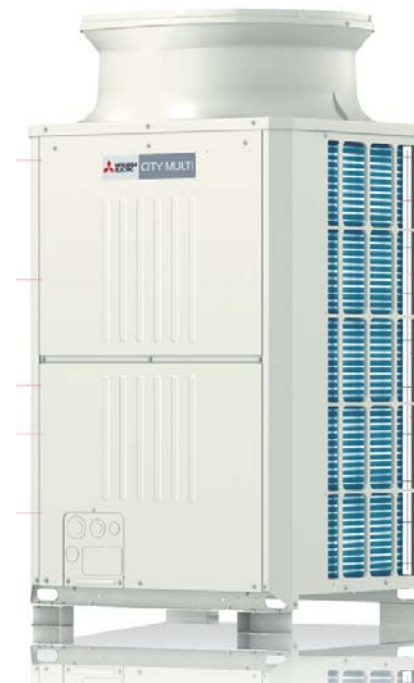
Njesit e jashteme



miniVRF, 1 ventilator
1 - 12 njesi te brendeshme
12.5 kw , 14kw, 15.5kw



miniVRF, 2 ventilator
1 - 12 njesi te brendeshme
12.5 kw , deri ne, 22.2kw



Seria Y EcoStandart
1 - 50 njesi te brendeshme
22.4kw deri ne 165kw

NEXT STAGE

Pompe nxehtesie

✓ **Seria Y** Next Stage

- Standarte
- Me eficence te larte

1 - 50 njesi te brendeshme
22.4kw deri ne 150kw



Me rekuperim Energjie

✓ **Seria R2** Next Stage

- Standarte
- Me eficence te larte

1 - 50 njesi te brendeshme
22.4kw deri ne 124kw

VRF – Hybrid VRF

Njesit e jashteme

ZUBADAN



**REPLACE
MULTI**



Kondensues me uje

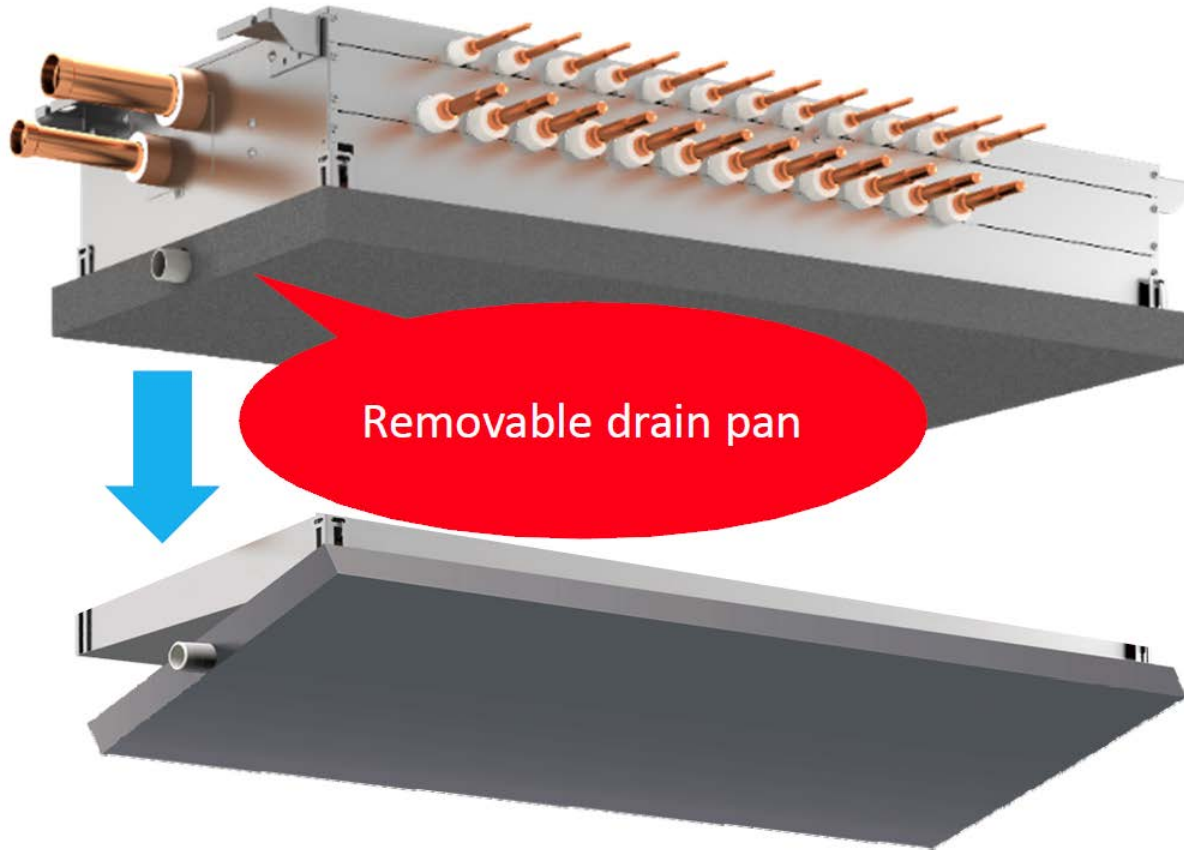


Seria Y ZUBADAN
1 - 43 njesi te brendeshme
22.4kw deri ne 56kw

Seria Y REPLACE MULTI
1 - 30 njesi te brendeshme
22.4kw deri ne 40kw

Seria WY & WR2
1 - 50 njesi te brendeshme
22.4kw deri ne 101kw

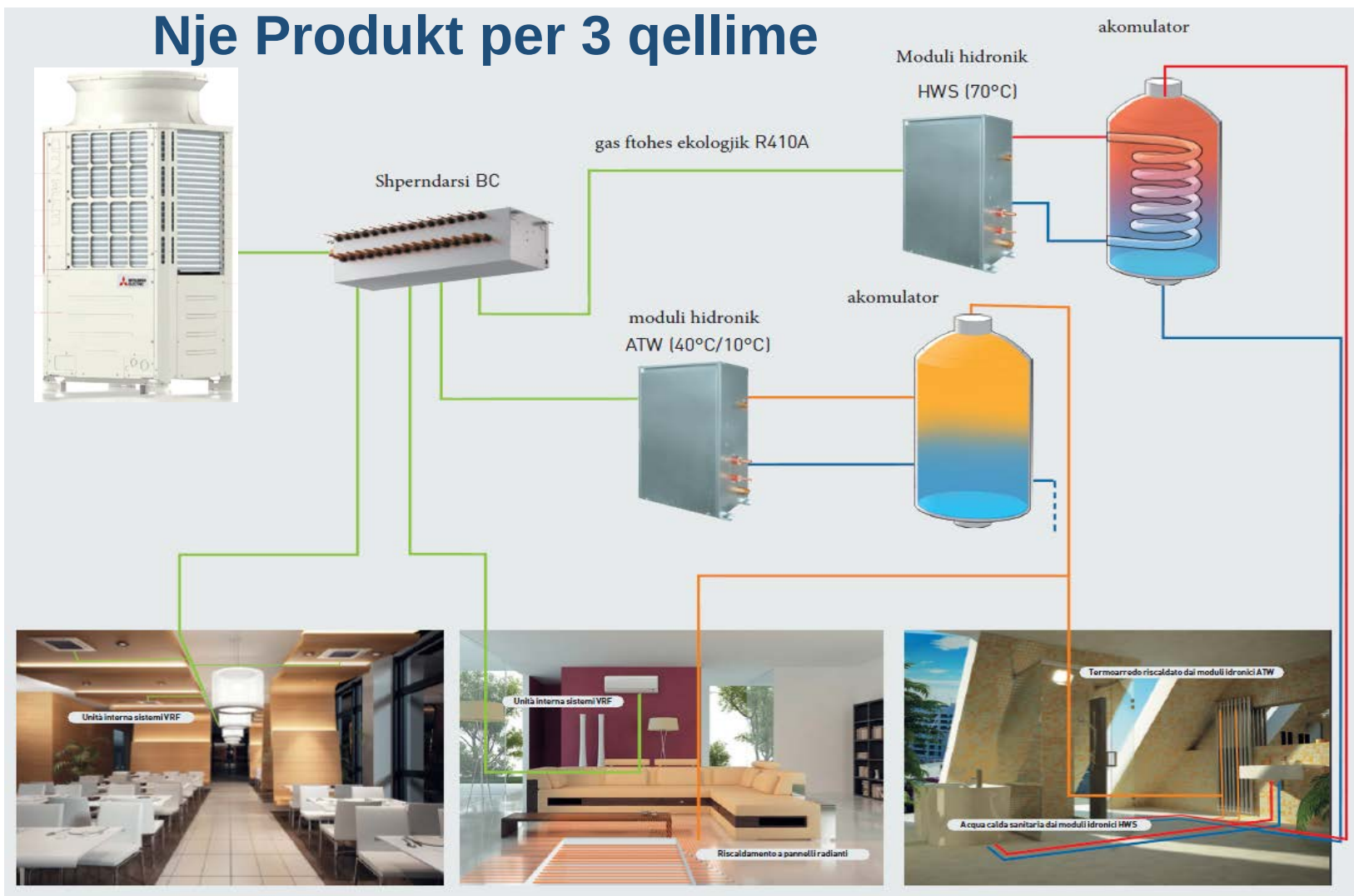
NEXT STAGE R2 – heat recovery system



- BC Controller** (shperndaresi BC)
- ✓ 11 Modele,
 - ✓ 2, 4, 6, 8, 10, 12, 16 dalje
 - ✓ Lartesi H = 246mm
 - ✓ Mundesi lidhje deri ne 11 SUB BC
 - ✓ Mirembajtje e thjeshte

NEXT STAGE R2 – heat recovery system

Nje Produkt per 3 qellime



VRF – Hybrid VRF

Njesit e brendeshme per sistemin VRF



Njesi kaset me 4
drejtime 90x90
2.2kw – 14kw



Njesi kaset me 4
drejtime 60x60
1.7kw – 5.6kw



Njesi kanalore presion
i ulet, H = 20cm
1.7kw – 7.1kw



Njesi kanalore presion
i mesem, H = 25cm
2.2kw – 16kw



Njesi kanalore presion i larte
4.5kw – 28kw,
50Pa/100Pa/150Pa/200Pa/250Pa



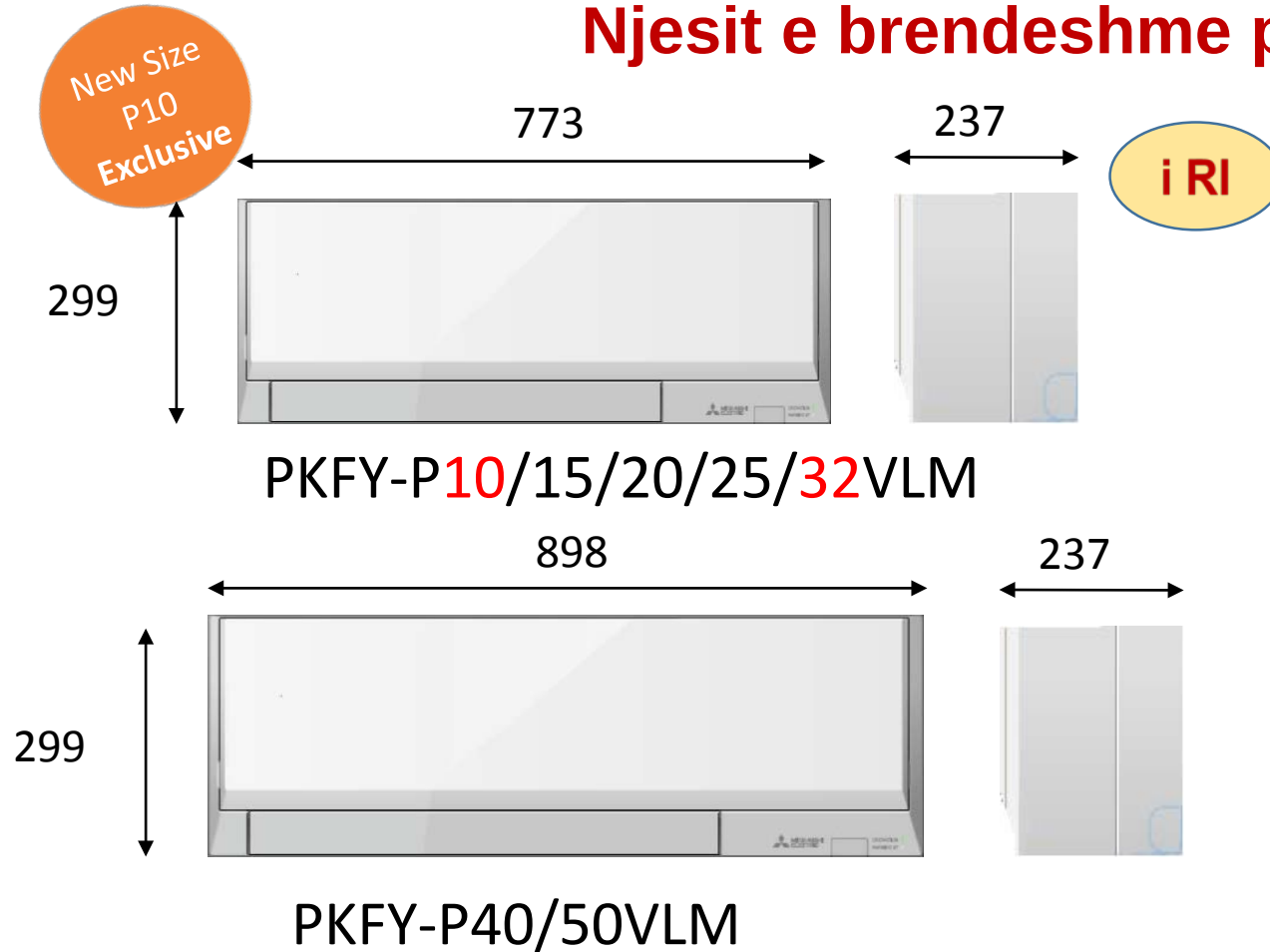
Njesi tavanore
4.5kw – 14kw



i RI

Njesi Murale
1kw – 11.2kw

Njesit e brendeshme per sistemin VRF



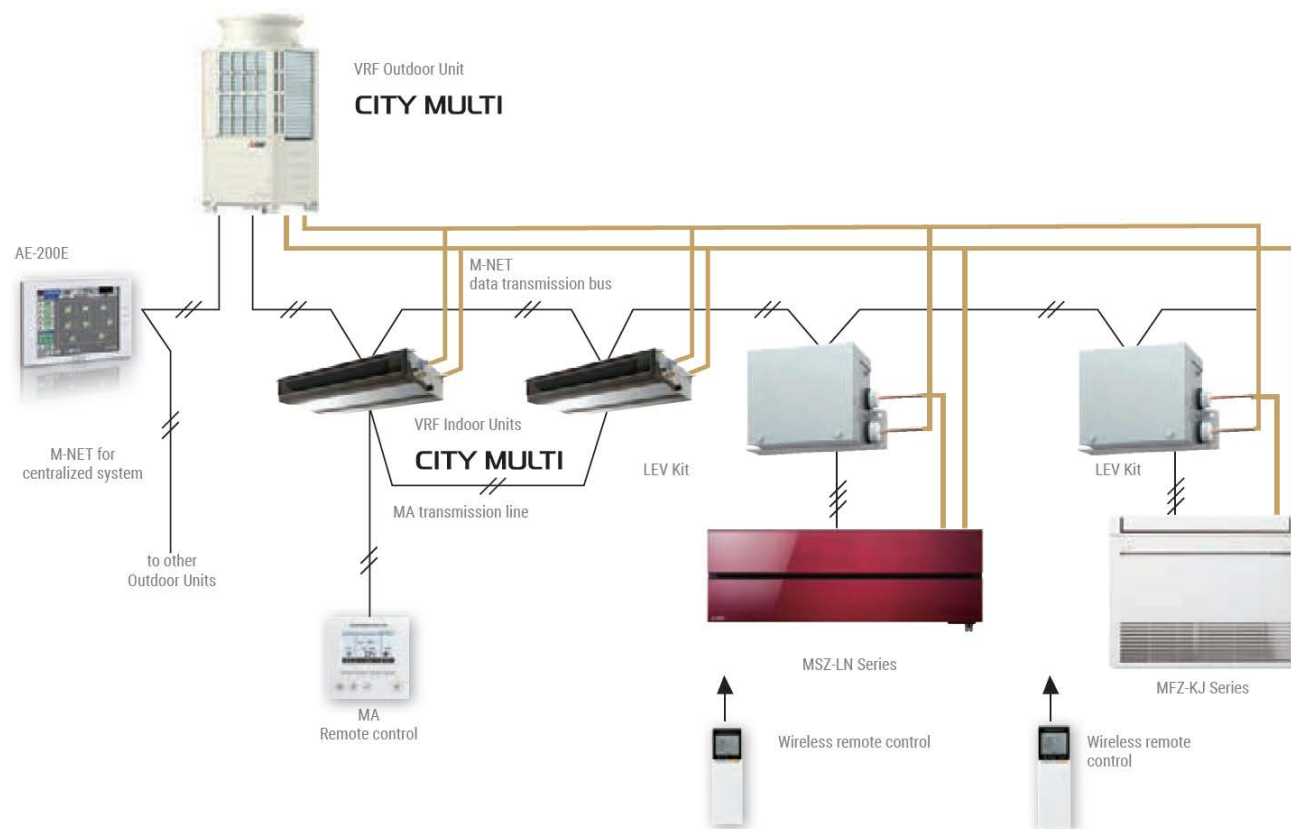
PFFY-P VCM

Njesi Toksore INKASO

- 2.2kw – 7.1kw
- Presion static i ndryshueshem
- 0Pa, 10Pa, 40Pa, 60Pa

Njesit e brendeshme per sistemin VRF

Njesit e brendeshme te linjes familjare mund te integrohen ne nje system VRF duke perdorur LEV-kit (LEV-kit eshte nje paisje ku eshte pozicionuar valvula e expansionit)



MSZ-LN



MSZ-EF

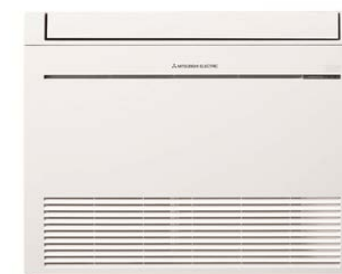


MSZ-AP

Njesi murale



LEV-kit



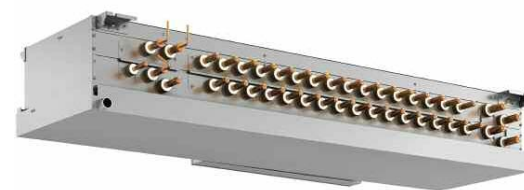
MFZ-KJ

Njesi Toksore

Hybrid VRF



R32 | HybridVRF



Hybrid VRF

Pompe Nxehtesie

PUHY – **M** YNW

PUHY – **EM** YNW

Hybrid VRF

Pompe nxehtesie me rekuperim
energjie

PURY – **M** YNW

PURY – **EM** YNW

Hybrid VRF

R32 | HybridVRF



Gas R32



Tuba Uji



Hybrid VRF
Pompe Nxehtesie

Hybrid VRF

R32 | HybridVRF



- Sistem **ekskluziv** nga Mitsubishi Electric
- - **61%** me pak gas ne system ne krahasim me VRF
- Kapaciteti ne ngrohje I pa ndryshuar deri ne **-4°C**
- Kapacitet ftohes me i larte
- Defrost me i shpejte
- Sistem PAKETE (**All in one**)
- Nuk ka nevoje per akumul
- Nuk ka problem me ngrirjen e ujit



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Hybrid VRF

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R32 | HybridVRF

Avantazhet	VRF (R410A)	HVRF (R32)
Sistem me kosto te ulet	0	
Gas ekologjik		0
Reduktim I sasis se gazit		0
Instalim dhe projektim I thjeshte	0	0
Eficense e larte	0	0
Pakete e plote nga ME	0	0
Kapacitet me I larte ftohes		0
Konformitet i brendeshem (zhurma)		0
Konformitet i brendeshem (temperatura e ajrit)		0

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Hybrid VRF

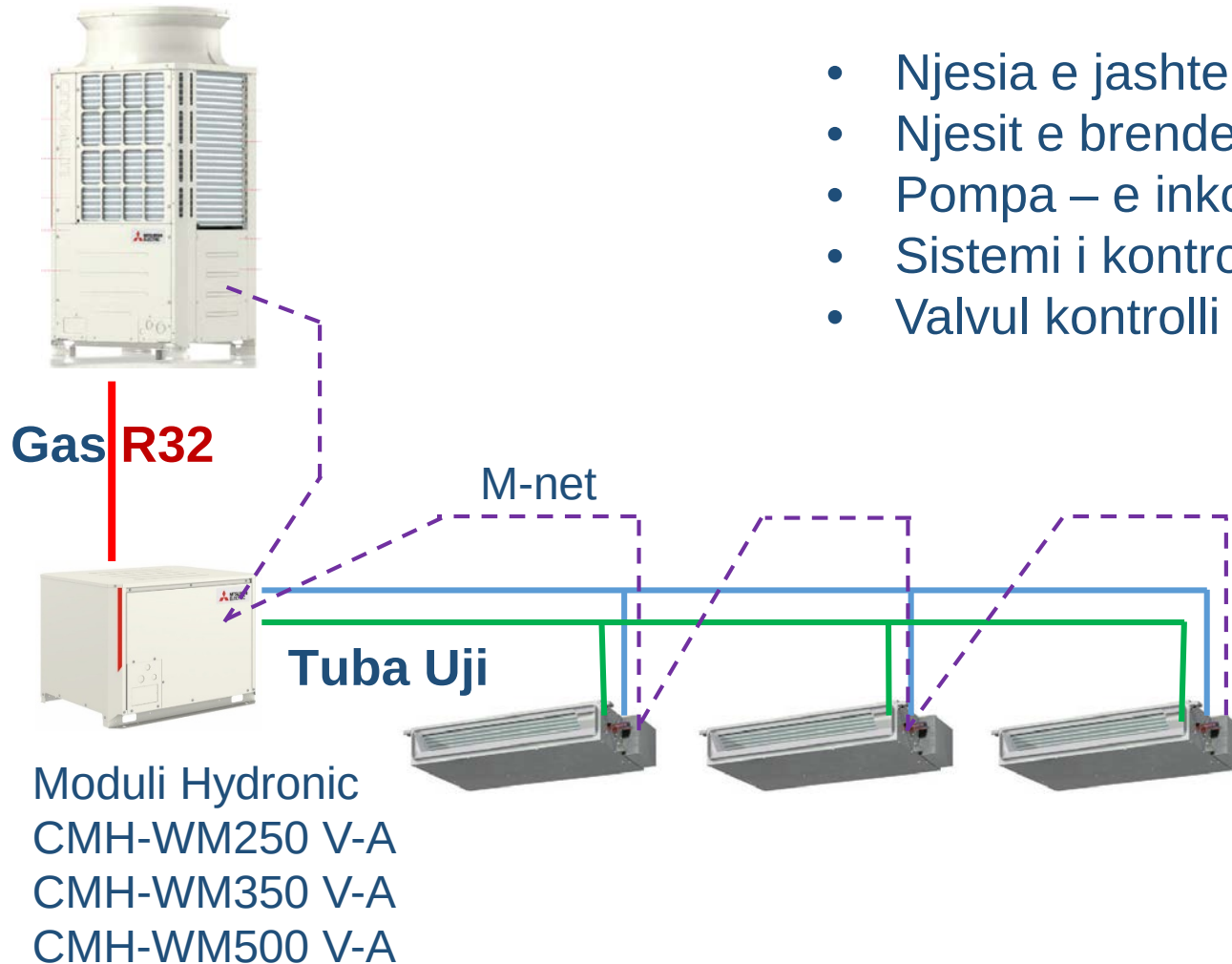
Authorized dealer of  **MITSUBISHI
ELECTRIC**
LIVING ENVIRONMENTAL SYSTEMS**R32** | HybridVRF

Avantazhet	Chiller / Fancoil	HVRF (R32)
Sistem me kosto te ulet		o
Gas ekologjik	o	o
Reduktim I sasis se gazit	Varet nga teknologjia	o
Instalim dhe projektim I thjeshte		o
Eficense e larte		o
Pakete e plote nga ME		o
Projektim i lire (skemat e shperndarjes)	o	
Defrost i shpejte	o	o
Konformitet i brendeshem (zhurma)	o	o
Konformitet i brendeshem (temperatura e ajrit)	o	o

Hybrid VRF

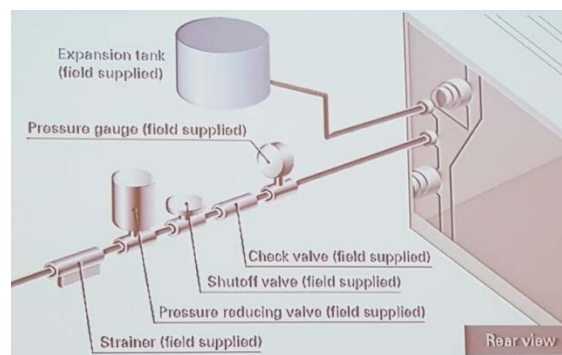
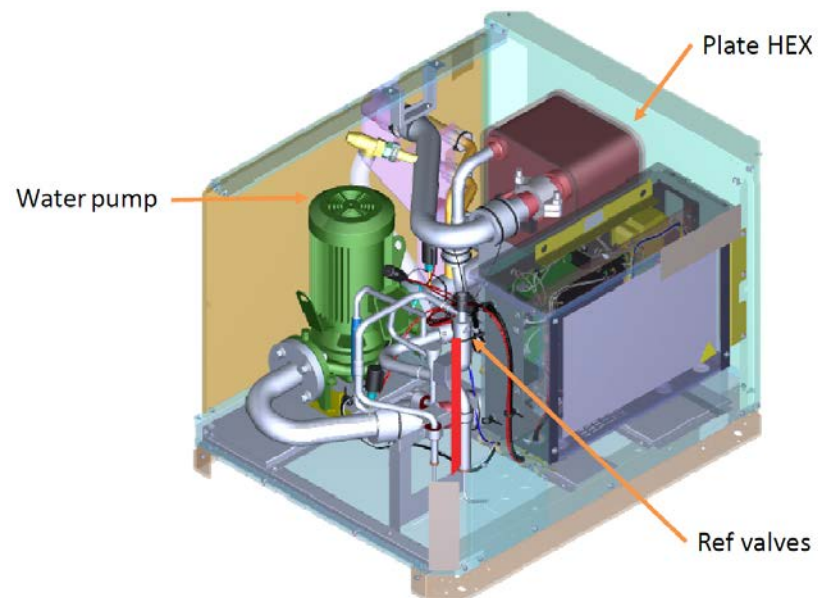
R32 | HybridVRF

- Njesia e jashteme – Mitsubishi Electric
- Njesit e brendeshme – Mitsubishi Electric
- Pompa – e inkorporuar ne modulin hidronik
- Sistemi i kontrollit - Mitsubishi Electric
- Valvul kontrolli prurje – e inkorporuar ne njesin e brendeshme



Nderlidhja e operimit ndermjet **njesis se jashteme, njesive te brendeshme dhe modulit te ujit** arrin nje kontroll optimal te ngarkese se brendeshme.
= nuk ka nevojë per **akumul inercial**

Hybrid VRF



R32 | HybridVRF

Moduli Hydronic
 CMH-WM250 V-A
 CMH-WM350 V-A
 CMH-WM500 V-A

Dimensionet
 920 x 740 x 666H

MODELET	W10	W15	W20	W25	W32	W40	W50	W63	W71	W80	W100	W125
PEFY – W VMS-A	o	o	o	o	o	o	o					
PEFY – W VMA - A			o	o	o	o	o	o	o	o	o	o
PFFY – W VCM - A			o	o	o	o	o					
PLFY – WL VEM - E					o	o	o					
PLFY – WL VFM-E	o	o	o	o	o							
PKFY – WL VLM	o	o	o	o	o	o						

Pult individual per instalim ne mure



PAC-YT52CRA
Design



PAR-40MAA
DELUXE



PAR-CT01MAA-SB

PAR-CT01MAA-PB

PAR-CT01MA
PRISMA



PAR-U02MEDA
ADVANCED

Pult individual Wireless



PAR-FL32MA



PAR-SL100
Per modelet kaset

Kontroll wi-fi



**3D TABLET
CONTROLLER**

WI-FI REMOTE MANAGEMENT SYSTEM



Pult individual per instalim ne mure



PAC-YT52CRA, Design

- ✓ Pult i thjeshtet
- ✓ Menaxhon 1 deri ne 16 njesi
- ✓ Teknologjia MA
- ✓ Sensor temperature te integruar
- ✓ Opsionin Dual set point



PAR-40MAA DELUXE

- ✓ Menaxhon 1 deri ne 16 njesi
- ✓ Teknologjia MA
- ✓ Sensor temperature te integruar
- ✓ Opsionin Dual set point
- ✓ Funkсионin NIGHT SET BACK
- ✓ Programim javor
- ✓ Ekrani i **bardhe** ose i **zi**
- ✓ Suporton 3D I SEE SENSOR
- ✓ **Trashesia 14.5mm**



PAR-U02MEDA,ADVANCED

- ✓ LCD TOUCH SCREEN
- ✓ Menaxhon 1 deri ne 16 njesi
- ✓ Teknologjia **ME**
- ✓ Sensor temperature, Lageshtire, presence, ndricimi te integruar
- ✓ Opsionin Dual set point
- ✓ Programim javor
- ✓ Vendosja e temepratre ne interval 0.5°C
- ✓ Suporton 3D I SEE SENSOR



PAR-CT01MAA-S



PAR-CT01MAA-SB



PAR-CT01MAA-PB



 **Bluetooth®**

 **Bluetooth®**

PAR-CT01MAA, **PRISMA**

- ✓ 3.5" HVGA full color LCD touch screen
- ✓ 180 kombinime ngjyrash per shkrimin dhe ekranin
- ✓ Menaxhon 1 deri ne 16 njesi
- ✓ Teknologjia **MA**
- ✓ Sensor temperature te integruar
- ✓ Opsionin Dual set point
- ✓ Programim javor
- ✓ Funkcioni Night set back
- ✓ Vendosja e temepratre ne interval 0.5°C
- ✓ Suporton 3D I SEE SENSOR
- ✓ Lidhje me smartphone nepermjet BLUETOOTH (modeli SB/PB)



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Sistemet e kontrollit

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Customization example – Hotel chains



Sistem kontrolli qendror dhe B.M.S



AT-50B

- ✓ Ekran LCD me prekje 5"
- ✓ Kontrollon deri ne 50njesi te brendeshme
- ✓ Funksionin Dual-setpoint
- ✓ 2 programime javore dhe 1 programim ditor



AE-200E

WEB SERVER CENTRALIZET CONTROLLER

- ✓ 3D touch controller
- ✓ Ekran 10.4" SVGA, me ikona grafike
- ✓ Kontrollon deri ne 50njesi standart
- ✓ Kontrollon deri ne 200njesi kur lidhet me EW50
- ✓ Dalje ETHERNET per lidhje me BMS BACnet
- ✓ Karte memorje SD 2GB
- ✓ Akses per menaxhimin e energjis,
- ✓ Funksionin Dual-setpoint
- ✓ Programim ditor, javor, vjetor



RMI

Remote Monitoring Interface
CLOUD REMOTE MANAGEMENT SYSTEM



EW-50
Versioni pa ekran i AE-200E



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Sistem kontrolli ne distance

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	 3D Tablet Controller	 MELCloud® CITY MULTI	 RMI REMOTE MONITORING INTERFACE
Kontroll individual ose ne grup	X	X	X
Disponibel per smartphone, tablet	X	X	X
APP te dedikuar		X	X
Kufizime per perdoruesin	X	X	X
Jashte ndertese CLOUD		X	X
Kerkon lidhje me internetin		X	X
Kerkon te jete i instaluar AE-200E	X		X
Monitorim i avancuar i energjis			X
Paraqitje grafike			X
Menaxhimi i shume sistemeve			X
Ndarje e konsumit te energjis elektrike			X



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eccodan®

Renewable Heating Technology

Pompë Nxehhtësie



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Sistemet SPLIT

- **Ecodan R32**
- **Zubadan**
- **Ecodan/Zubadan vetem ngrohje R32**
- **Hydrobox/Cylinder gjenerata – D**

Sistemet PACKAGED

- **Ecodan/Zubadan R32**
- **Hydrobox/Cylinder njesi te brendeshme PACKAGED**

Sistemet HYBRID

- **Mr. Slim +**
- **Ecodan MULTI**

Njesi e jashteme – ECODAN R32



- Pamje e re, me shume modele
- SCOP **A+++** (per temperature te ulet)
- SCOP DHW **A+**
- Temp maksimale e ujit ne dergim **60°C**
- Punim i garantuar deri ne **-20°C**
- Nivel me i ulet zhurme

SUZ-SWM40VA

SUZ-SWM60VA

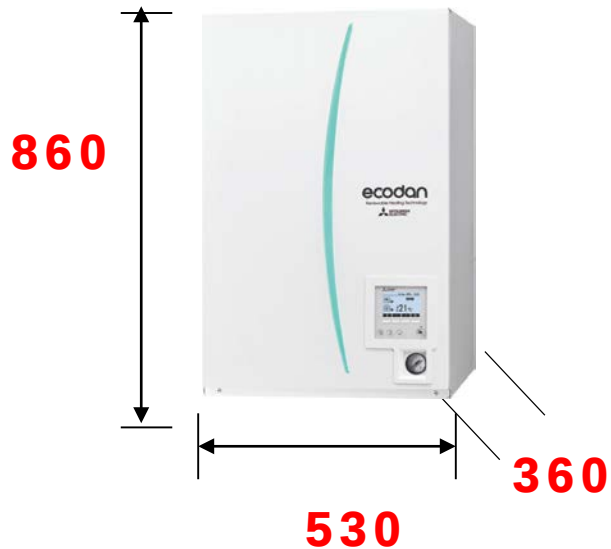
SUZ-SWM80VA

	SUZ-SWM40VA	SUZ-SWM60VA	SUZ-SWM80VA
Dimensionet	880 x 840 x 330		

Njesi e brendeshme – HYDROBOX



Gjenerata << D >>



Heating
only

Reversible

EHSD-VM2D

EHSD-YM9D

EHSC-VM2D

EHSC-VM6D

EHSC-YM9D

EHSE-YM9ED

ERSD-VM2D

ERSC-VM2D

ERSE-MED

ERSE-YM9ED

- I Pershtateshem me **R32 / R410A**
- 3 madhes
 - D – te vogel (4-7.5kw)
 - C – mesatar (10-14 kw)
 - E – i madh (16-20 kw)
- Kontroller i ri **FTC 6**
- Sasia minimale e ujit ne system eshte me e **ULET**

Njesi e brendeshme – HYDROTANK

Gjenerata << D >>



Heating only

Reversible

Small

EHST20D-VM2C*

EHST17D-VM2D

EHST20D-YM9C*

EHST20D-VM2D

EHST20D-YM9D

EHST30D-YM9ED

Medium

EHST20C-VM2C*

EHST20C-VM2D

EHST20C-VM6C*

EHST20C-VM6D

EHST20C-YM9C*

EHST20C-YM9D

EHST30C-VM6ED

EHST30C-YM9ED

Small

ERST20D-VM2C*

ERST17D-VM2D

ERST20D-VM2D

ERST30D-VM2ED

Medium

ERST20C-VM2C*

ERST20C-VM2D

ERST30C-VM2ED

Njesi e brendeshme – HYDROTANK

Gjenerata << D >>



Heating
only

Reversible

EHST17D-VM2D

EHST20D-VM2D

EHST20D-YM9D

EHST30D-YM9ED

EHST20C-VM2D

EHST20C-VM6D

EHST20C-YM9D

EHST30C-VM6ED

EHST30C-YM9ED

ERST17D-VM2D

ERST20D-VM2D

ERST30D-VM2ED

ERST20C-VM2D

ERST30C-VM2ED

i RI

i RI

i RI

i RI

i RI



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Njesi e brendeshme – HYDROTANK

Gjenerata << D >>

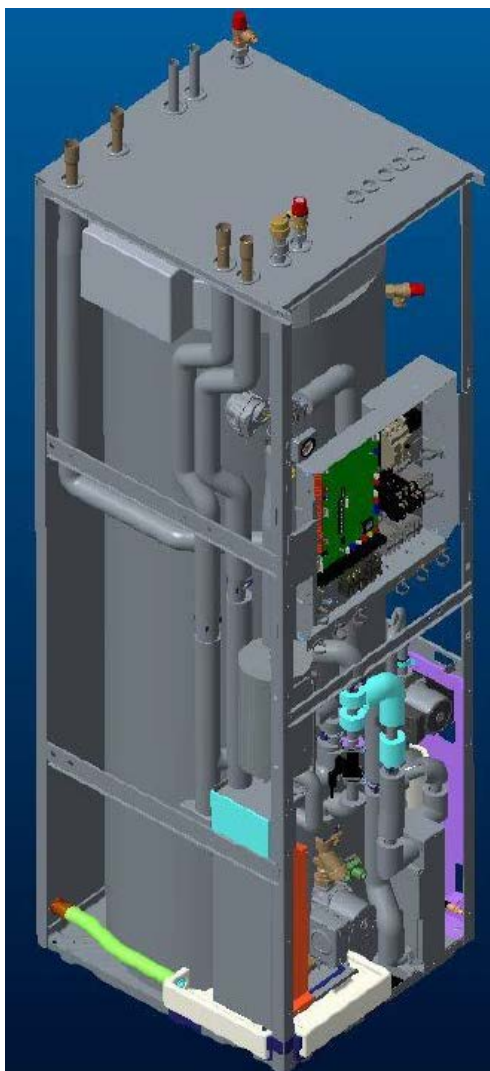


Volume	170 L	200 L	300 L
LxP (mm)	595x680	595x680	595x680
H (mm)	1400 (+100 pipe)	1600 (+100 pipe)	2050 (+100 pipe)

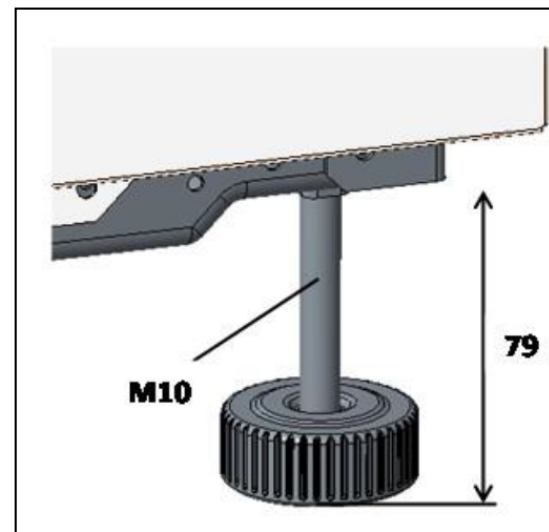


Njesi e brendeshme – HYDROTANK

Gjenerata << D >>



- I Pershtateshem me **R32 / R410A**
- 3 madhesi 170L/200L/300L
- Permiresimi i ciklit DHW
- Kontroller i ri **FTC 6**
- Mbledhes i condenses i inkorporuar
- Sasia minimale e ujit ne system eshte me e **ULET**
- Me shume hapsire per lidhjen e tubave



Njesi e brendeshme – HYDROTANK

Gjenerata << D >>

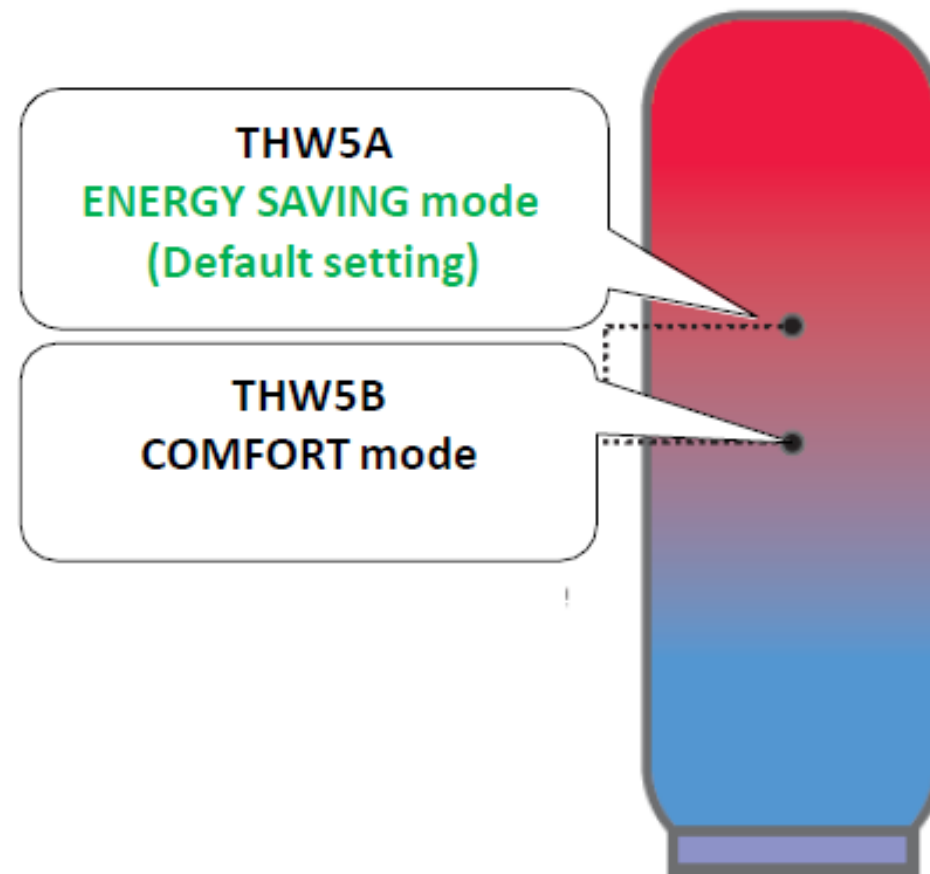


- Eficense me e larte per prodhimin e ujit te ngrohte per perdorim sanitar **A+**

Ne akumul eshte vendosur dhe nje sensor shtese **THW5A** i pozicionuar siper sensorit **THW5B**.

Kjo lejon qe akumulat e gjenerates D te kapin klassin **A+** te energjise per prodhimin e ujit te ngrohte.

Perdorimi i sensoreve selektohet nga pulti

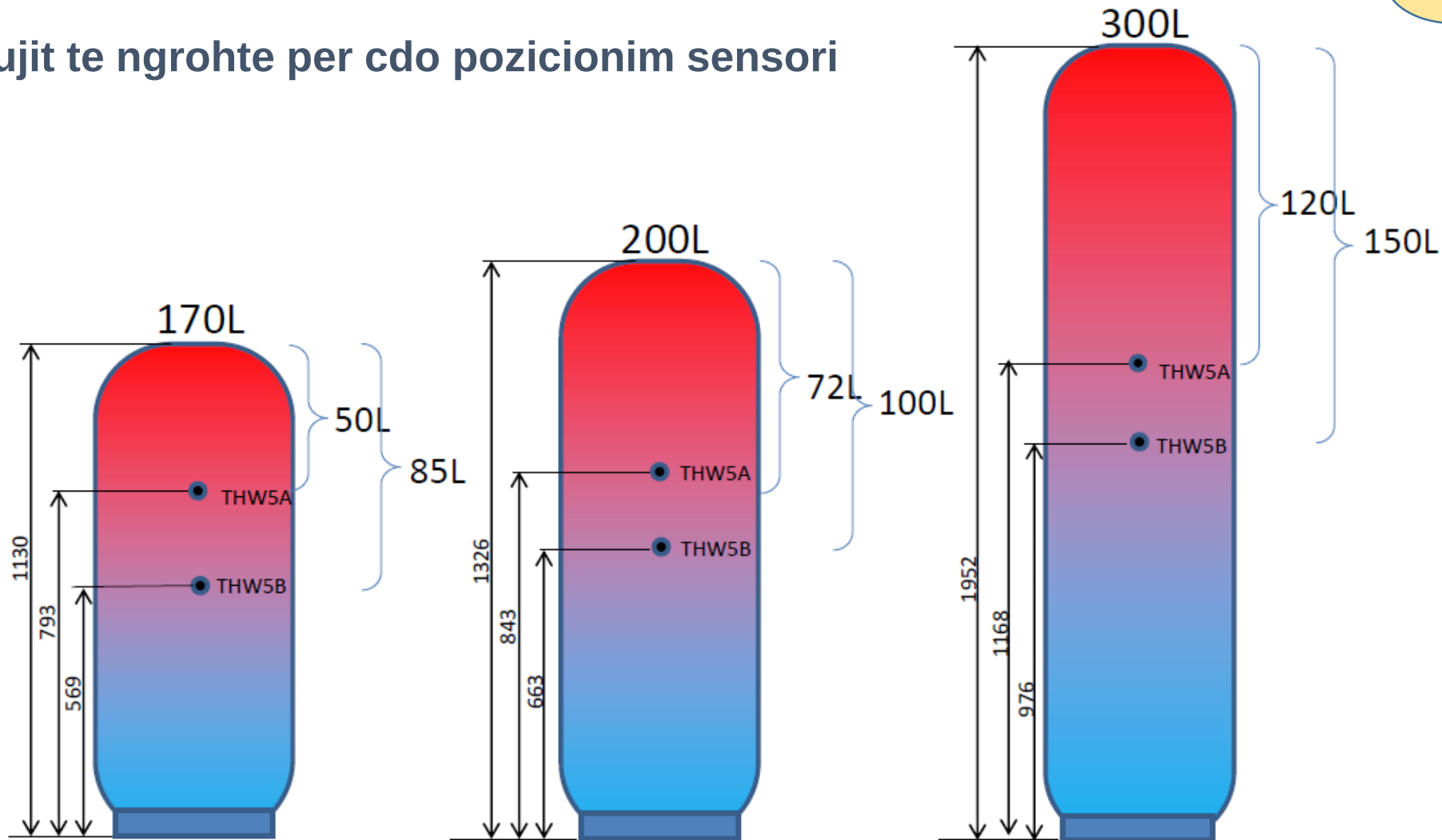


Njesi e brendeshme – HYDROTANK

Gjenerata << D >>



- Sasia e ujit te ngrohte per cdo pozicionim sensori



Njesi e jashteme – Vetem NGROHJE



ecodan[®]

ZUBADAN



PUD-SWM80V(Y)AA
PUD-SWM100V(Y)AA
PUD-SWM120V(Y)AA

PUD-SHWM80V(Y)AA
PUD-SHWM100V(Y)AA
PUD-SHWM120V(Y)AA
PUD-SHWM140V(Y)AA**

**MELCO
EXCLUSIVE
PRODUCT**



Exw.Apr.2020 M-ACE

Njesi e jashteme – Vetem NGROHJE



- Produkt ekskluziv i **Mitsubishi Electric**
- Game e re
- SCOP **A+++** (per temperature te ulet)
- SCOP DHW **A+**
- Temp maksimale e ujit ne dergim **60°C** ne temperature te jashteme - **7°C**
- Punim i garantuar deri ne **-25°C (ECODAN)** **-28°C (ZUBADAN)**
- Struktura e njesis se jashteme **AA**
- E gjithë gama lidhet me modelin e vogel “**D**” te njesive te brendeshme



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Gama e Njesive te jashteme 2020

Ngrohje/ftohje	Vetem Ngrohje	Ngrohje/ftohje	Vetem Ngrohje
SUZ-SWM40VA			
SUZ-SWM60VA			
SUZ-SWM80VA			
PUHZ-SW75V(Y)AA	PUD-SWM80V(Y)AA		
		PUHZ-SHW80V(Y)AA	PUD-SHWM80V(Y)AA
PUHZ-SW100V(Y)AA	PUD-SWM100V(Y)AA		
		PUHZ-SHW112V(Y)AA	PUD-SHWM100V(Y)AA
PUHZ-SW120V(Y)AA	PUD-SWM120V(Y)AA		PUD-SHWM120V(Y)AA
		PUHZ-SHW140V(Y)AA	PUD-SHWM140V(Y)AA
PUHZ-SW160V(Y)AA			
PUHZ-SW200V(Y)AA			
		PUHZ-SHW230YKA2	



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Sistemet AJER-UJE

Authorized dealer of  **MITSUBISHI
ELECTRIC**
LIVING ENVIRONMENTAL SYSTEMS

Gama e re **PACKAGED** me **R32**



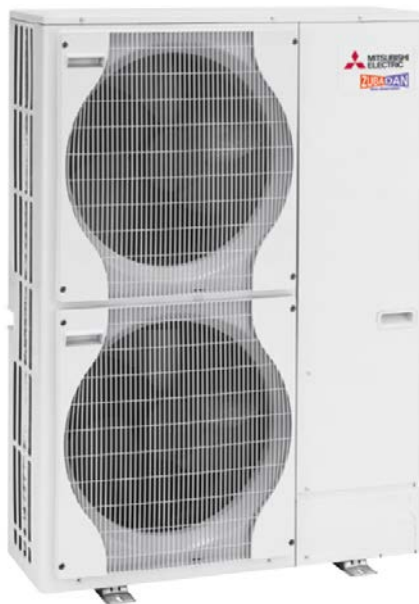
ecodan[®]

PUHZ-WM50VHA

PUHZ-WM60VAA

PUHZ-WM85V(Y)AA

PUHZ-WM112V(Y)AA



PUHZ-HWM140VHA

PUHZ-HWM140YHA

Gama e re **PACKAGED** me **R32**



- Performance me e larte ne ngrohje/ftohje
- Struktur **AA** per 60/85/112,
- SCOP **A+++** (per temperature te ulet)
- SCOP DHW **A+**
- Temp maksimale e ujit ne dergim **60°C**
- Punim i garantuar **-20°C (ECODAN) -28°C (ZUBADAN)**
- Me shume njesi te brendeshme:
 - FTC 6
 - HYDROTANK ngrohje/ftohje (170L, 200L, 300L)
 - HYDROBOX ngrohje/ftohje



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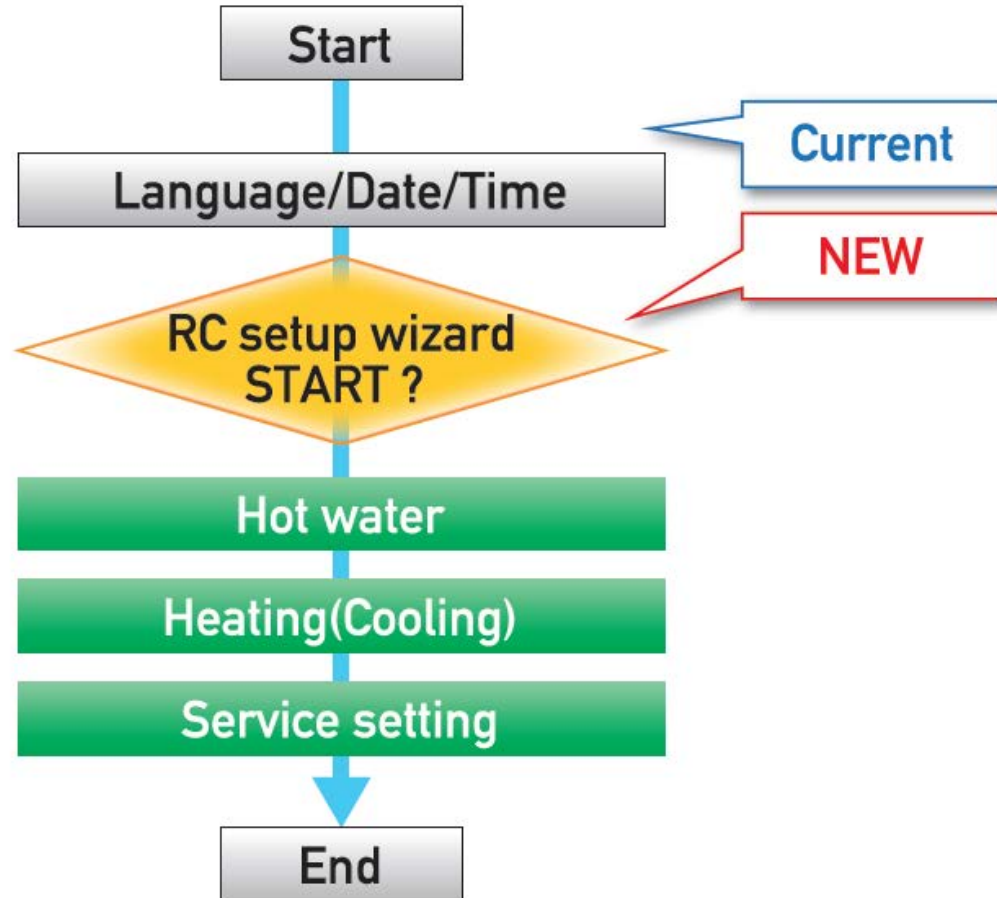
Authorized dealer of



FTC 6

Specifikat kryesore te FTC 6

- Thjeshtesi ne ndezjen fillestare
- Permiresim i funksionit te pershtatjes automatike
- Optimizim i kontrollit te akumulit inercial
- Permiresim i opsionit per lidhje me panele fotovoltaike
- Permiresim i eficenses DHW
- Sinjal per ndezjen e Fan Coilave.
- Sinjal dales 0-10V (per kaldaj, rezistenc elektrike)
- Monitorim i punimit te njesis
- Zgjedhja e shpejtesis se pompes
- Aktivizimi i opsiont QUIET MODE nga Pulti ose programimi javor



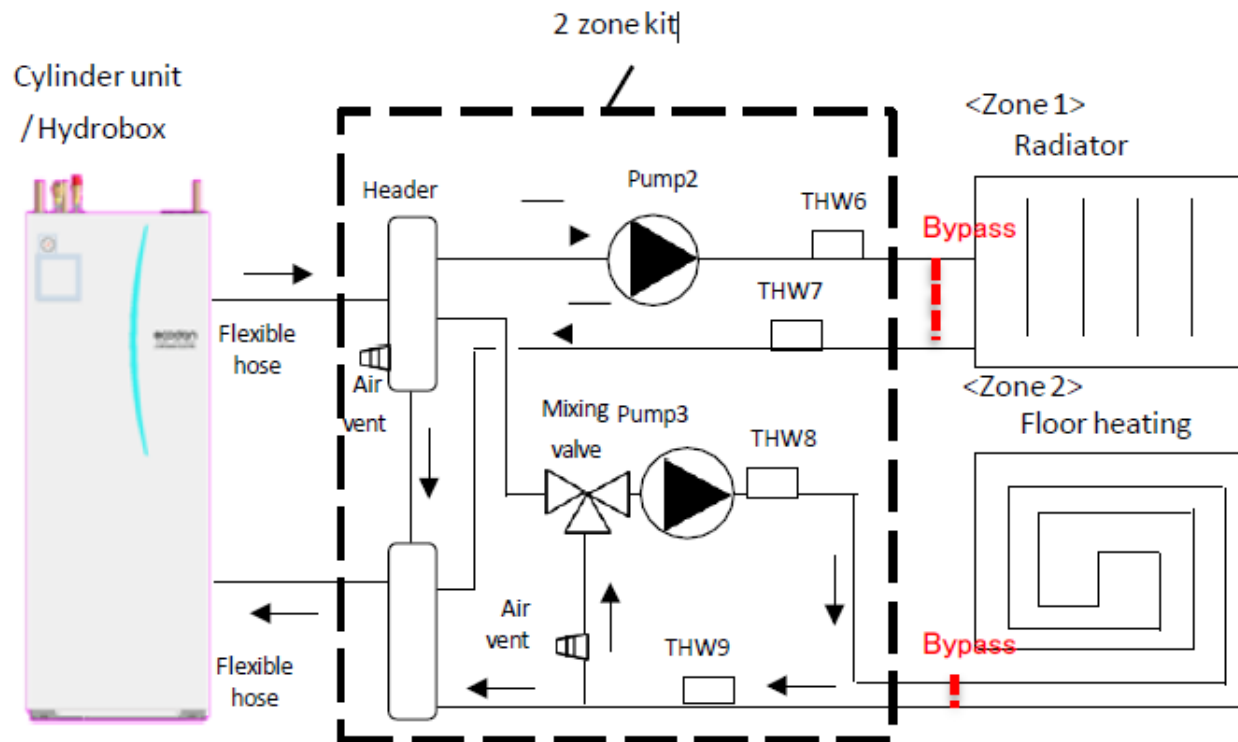
- Thjeshtesi ne ndezjen fillestare

26 Feb 2019 10:00					
		THW1	THW2	THW5	Flow
10:00	☀	41°C	38°C	54°C	20L
9:55	☀	38°C	38°C	54°C	20L
9:50	☀	48°C	48°C	54°C	20L
9:45	⚙	60°C	56°C	54°C	15L
9:40	⚙	59°C	55°C	52°C	15L
<i>i</i>		◀	▶	(1/5)	

- Monitorim i punimit te njesis

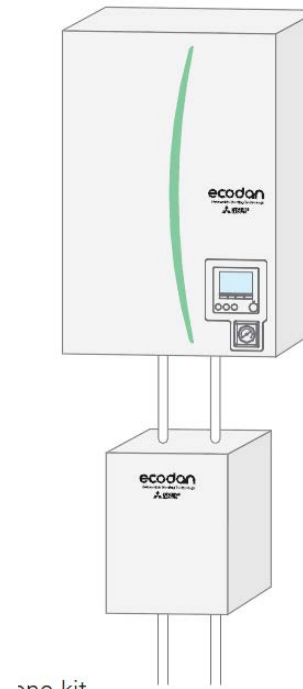
➤ Opsionale : Seti per menaxhimin e dy zonave PAC-TZ02-E

- Komponente: 1 x valvul miksimi, 2 x pompa DC, ajernxjerres, kolektorin, Kasen metalike



Cylinder unit connection

Hydro box connection



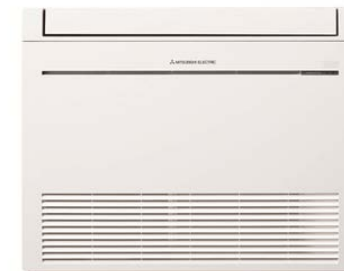


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PUMY + ECODAN

Ngrohje/ftohje me AJER
Ngrohje me Uje
Uji i ngrohte per
perdorim sanitar



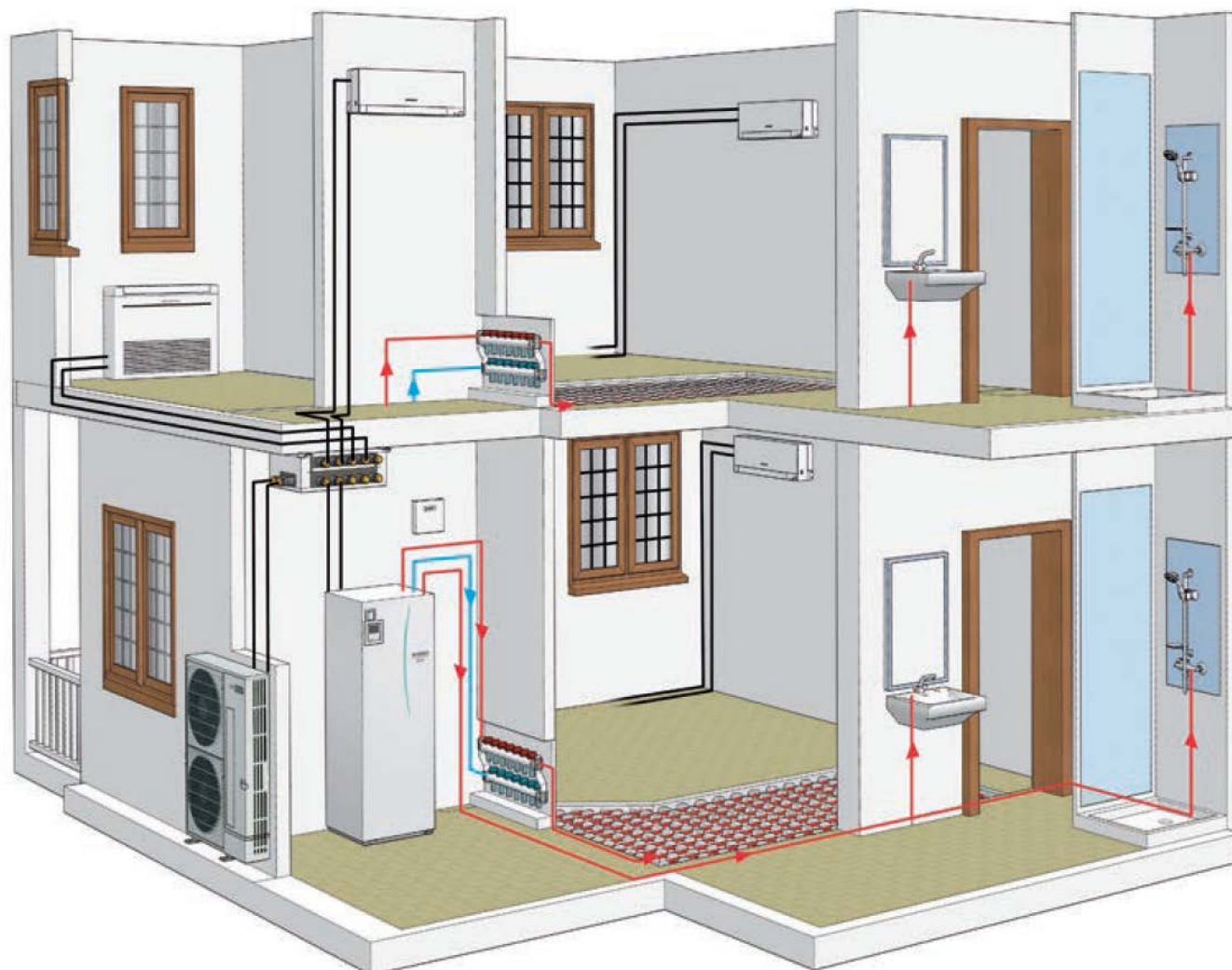
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ecodan[®]
Renewable Heating Technology

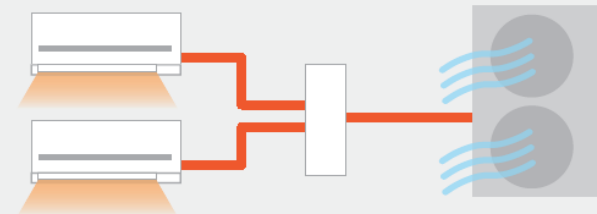
MULTI

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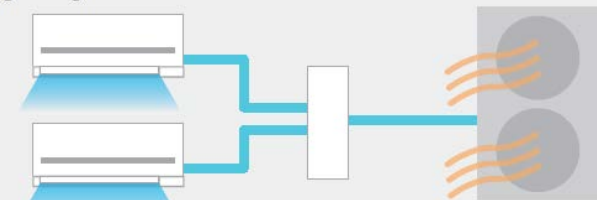
ATA (Air Heating)

Heating using ATA indoor unit



ATA (Air Cooling)

Cooling using ATA indoor unit



ATW (Hot water heating)

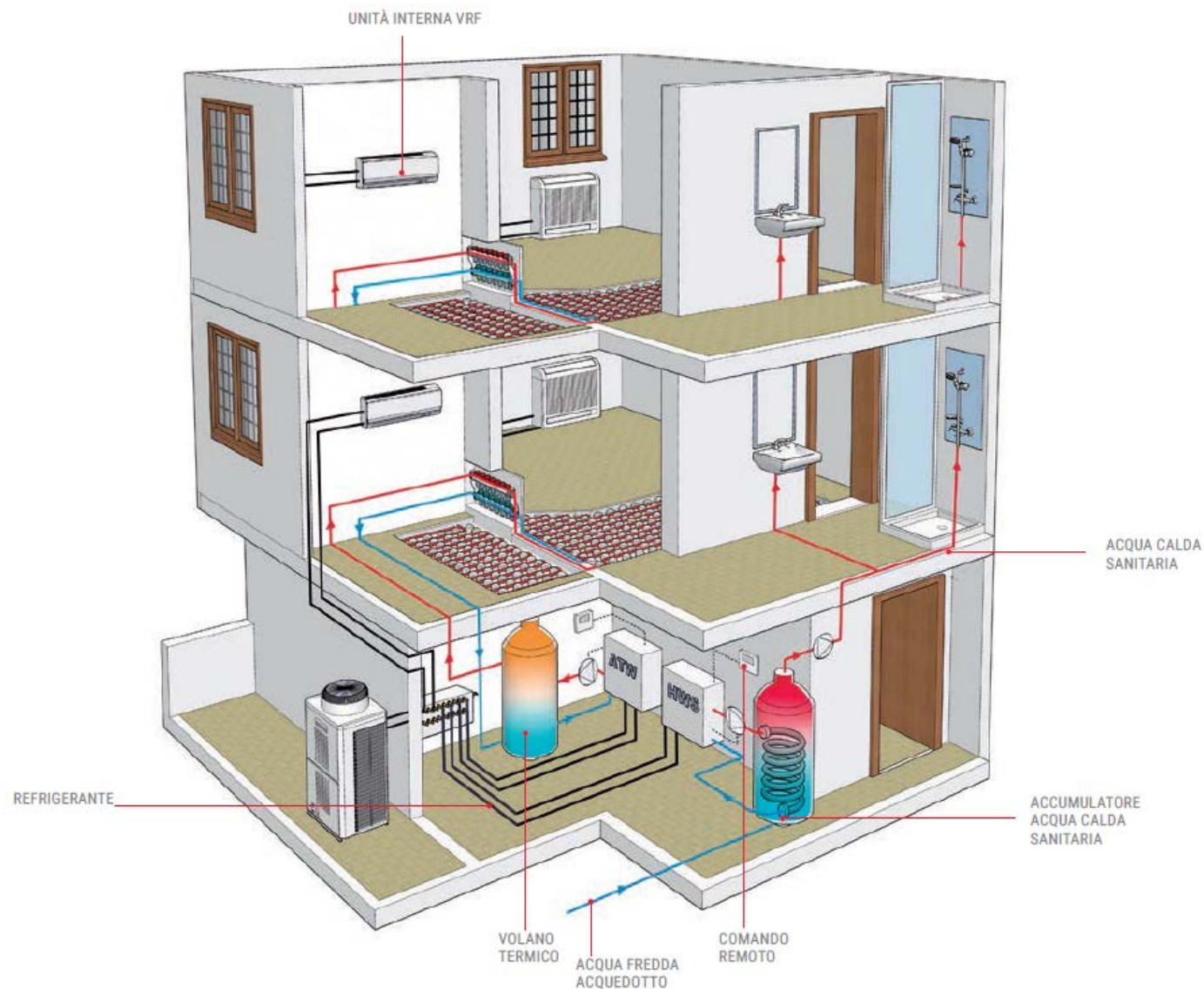
Heating using ATW indoor unit



ATW (DHW)

DHW using ATW indoor unit





VRF - HWS (hot water supply) VRF – ATW (Air to water)

- Uje te ngrohte @70°C
- Ngrohje @30°C @45°C
- Ftohje @10°C @30°C

- **Pompat e nxehtesis per uje te ngrohte (CAHV, CRHV, QAHV)**



CAHV

- ✓ -20°C +40°C
- ✓ Temp ne dalje +70°C
- ✓ Max 70kW
- ✓ **COP mbi 4**
- ✓ Sistem kaskad @740kW
- ✓ Ventilatori 60Pa
- ✓ **R407C**



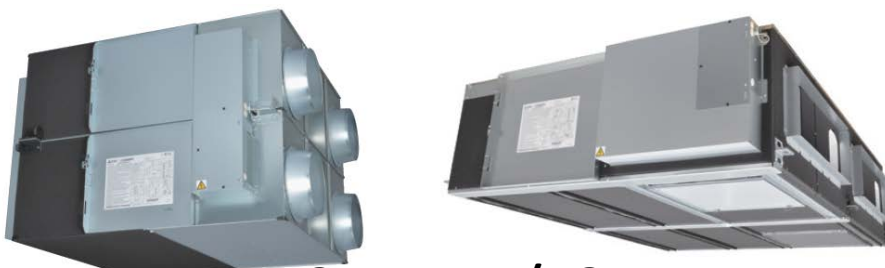
QAHV

- ✓ -25°C +46°C
- ✓ Temp ne dalje +90°C
- ✓ @ 40kW
- ✓ **COP 4**
- ✓ Sistem kaskad @640kW
- ✓ **CO2, R744**



CRHV (UJE-UJE)

- ✓ -8°C +27°C (uje)
- ✓ Temp ne dalje +65°C
- ✓ @ 60kW
- ✓ **SCOP mbi 4**
- ✓ Sistem kaskad @960kW
- ✓ **R410a**

		Centralized	De-centralized
Famijare	HRV	 VL-220CZGV Instalim horizontal	
	ERV	 LGH-RVX-E1 Instalim horizontal	 VL-100EU5 VL-50RS2
Tregtare	ERV	 LGH-RVX-E1/ LGH-RVXT-E1 Instalim horizontal	

Fresh Air Ducted units with DX coil

Connection



All Fresh Air
PEFY-P VMHS-E-F

VRF City Multi
(multiple connection)



GUF-RD(H)4

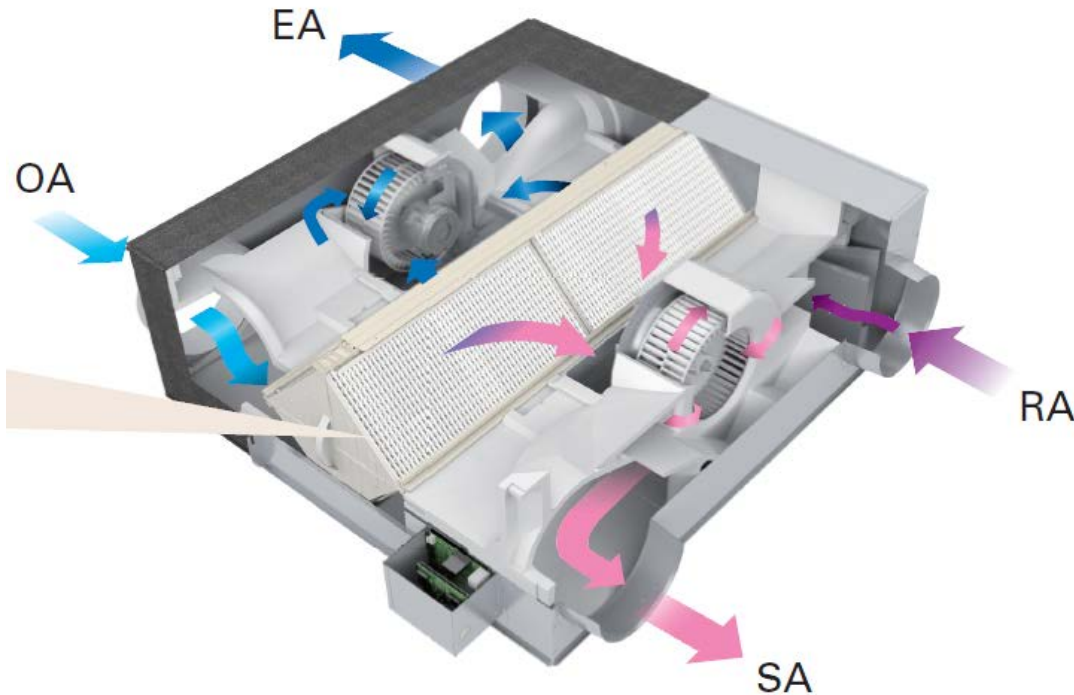
VRF City Multi
(multiple connection)



GUG-SL-E

MrSlim
(one to one connection)

LGH series

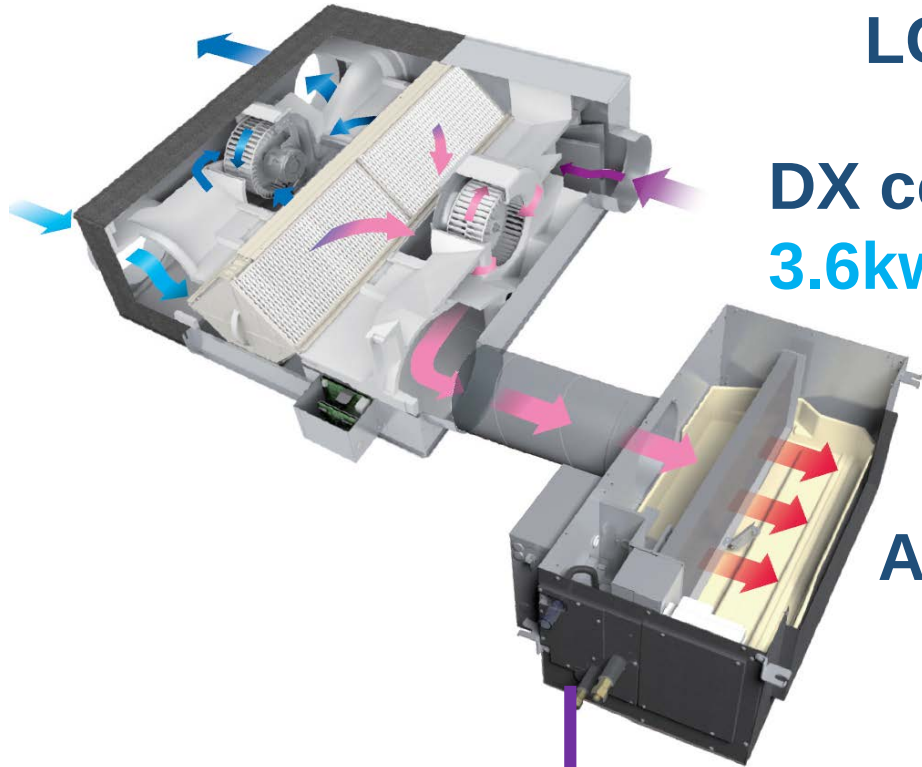


Karakteristikat

- ✓ Ventilator **DC inverter**
- ✓ 4 shpejtesi ventilimi , 25%, 50%, 75%, 100%
- ✓ Lartesi e reduktuar **H = 50cm**, (LGH 150, 200, 250)
- ✓ 2 Modele me DX coil te incorporuar (**GUF series**)
- ✓ 7 modele me DX coil te jashteme (**GUG serie**)
- ✓ Shkembyes ajer-ajer prej **LETRE**
- ✓ Programim javor
- ✓ Free cooling dhe Night purge
- ✓ Ventilim automatik, manual, by pass
- ✓ Mundesi zgjedhje presioni **Positiv** ose **negativ**
- ✓ 4 shkalle **fan power UP**



LGH series + GUG



DX coil
3.6kw – 12.5kw

Ajer i trajtuar



R410a

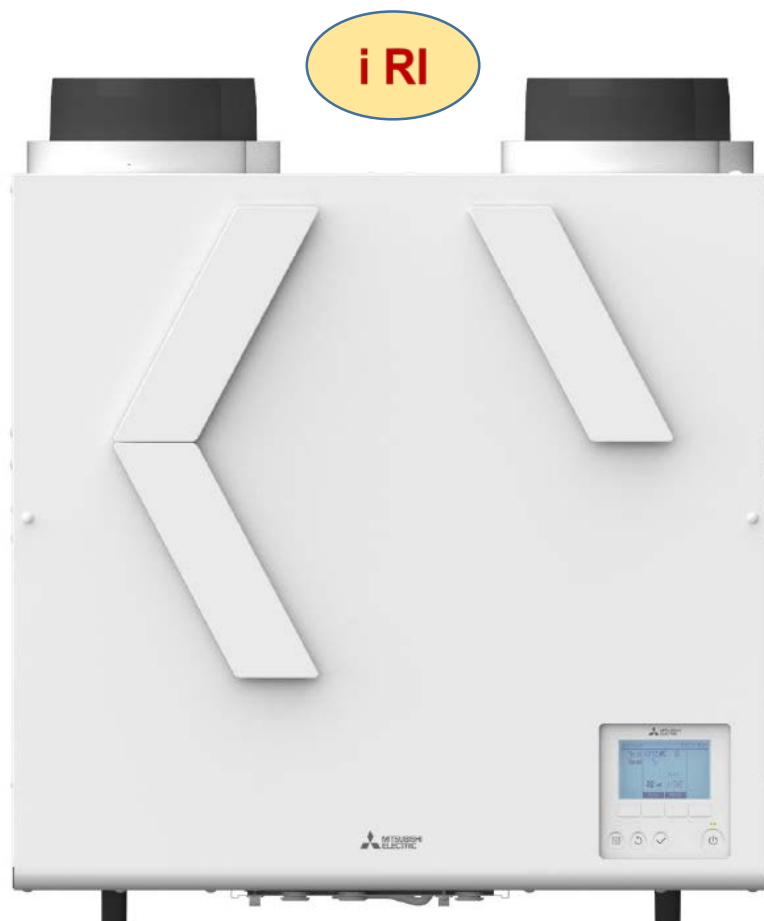


Karakteristikat

- ✓ 500 m3/h deri ne 2500m3/h
- ✓ Kontroll i temperatures se dergimit (SA)
- ✓ Kontroll i temperatures se rikthimit (RA)
- ✓ Instalim i thjeshte
- ✓ Pompe condense te inkorporuar

Rekomandohet

- ✓ Zyra
- ✓ Dyqane
- ✓ Hotele
- ✓ Shkolla
- ✓ Restorant
- ✓ Passive house



Instalim VERTIKAL

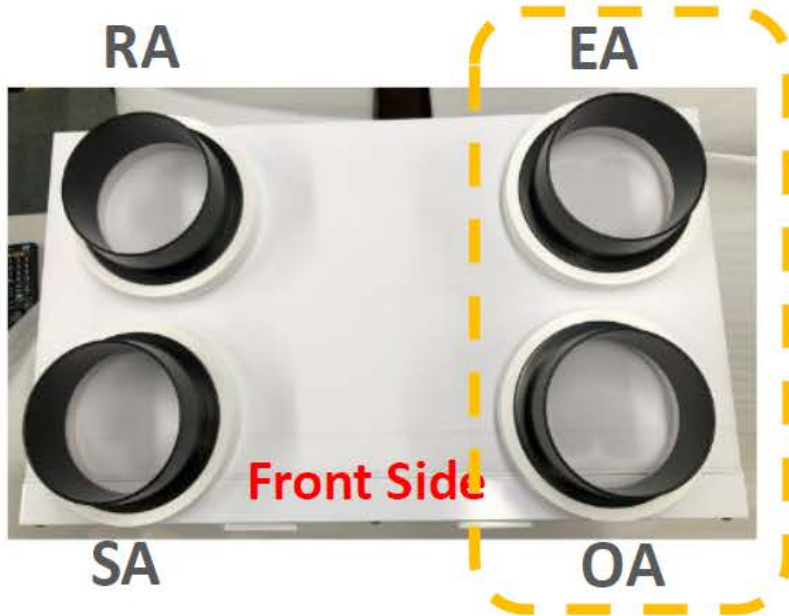
VL – CZPVU – L or R –E

- HRV - Heat Recovery Ventilation
- 3 madhasi/ 6 modele (250m3h, 350m3h, 500m3h)
- Eficence e larte shkembimi termik
- Nivel i ulet zhurme
- Sistem filtrimi opsional
- Thithje me fuqi te larte (booster operation)
- Eficens e larte energjitike **A+**
- Pulti i kontrollit i inkorporuar ne njesi



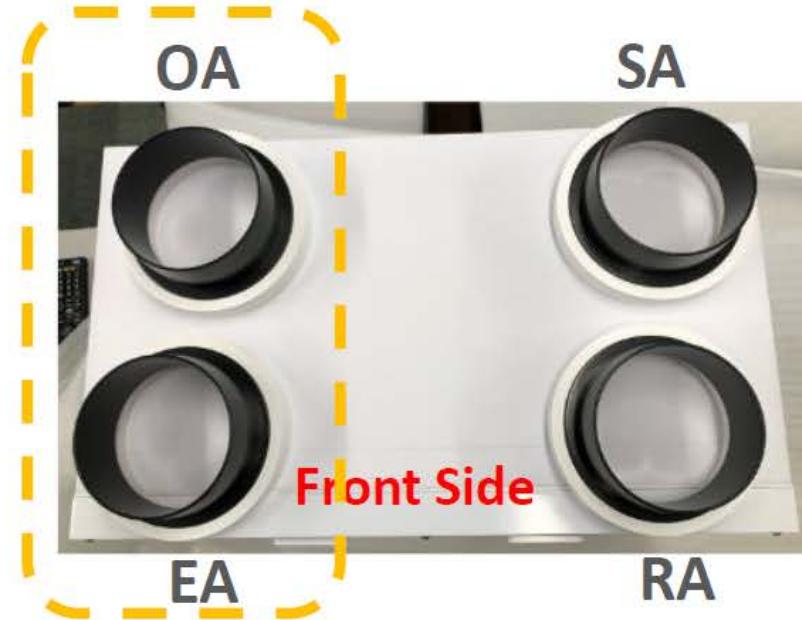
Opposite Handing (Left/Right airflow direction)

Right Position



VL-250CZPVU-**R**-E
VL-350CZPVU-**R**-E
VL-500CZPVU-**R**-E

Left Position



VL-250CZPVU-**L**-E
VL-350CZPVU-**L**-E
VL-500CZPVU-**L**-E

		Centralized	De-centralized
Famijare	HRV	 Instalim horizontal  Instalim vertikal	
	ERV	 LGH-RVX-E1 Instalim horizontal	 VL-100EU5  VL-50RS2
Tregtare	ERV	  LGH-RVX-E1/ LGH-RVXT-E1 Instalim horizontal	



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MELCO E-series modular chiller

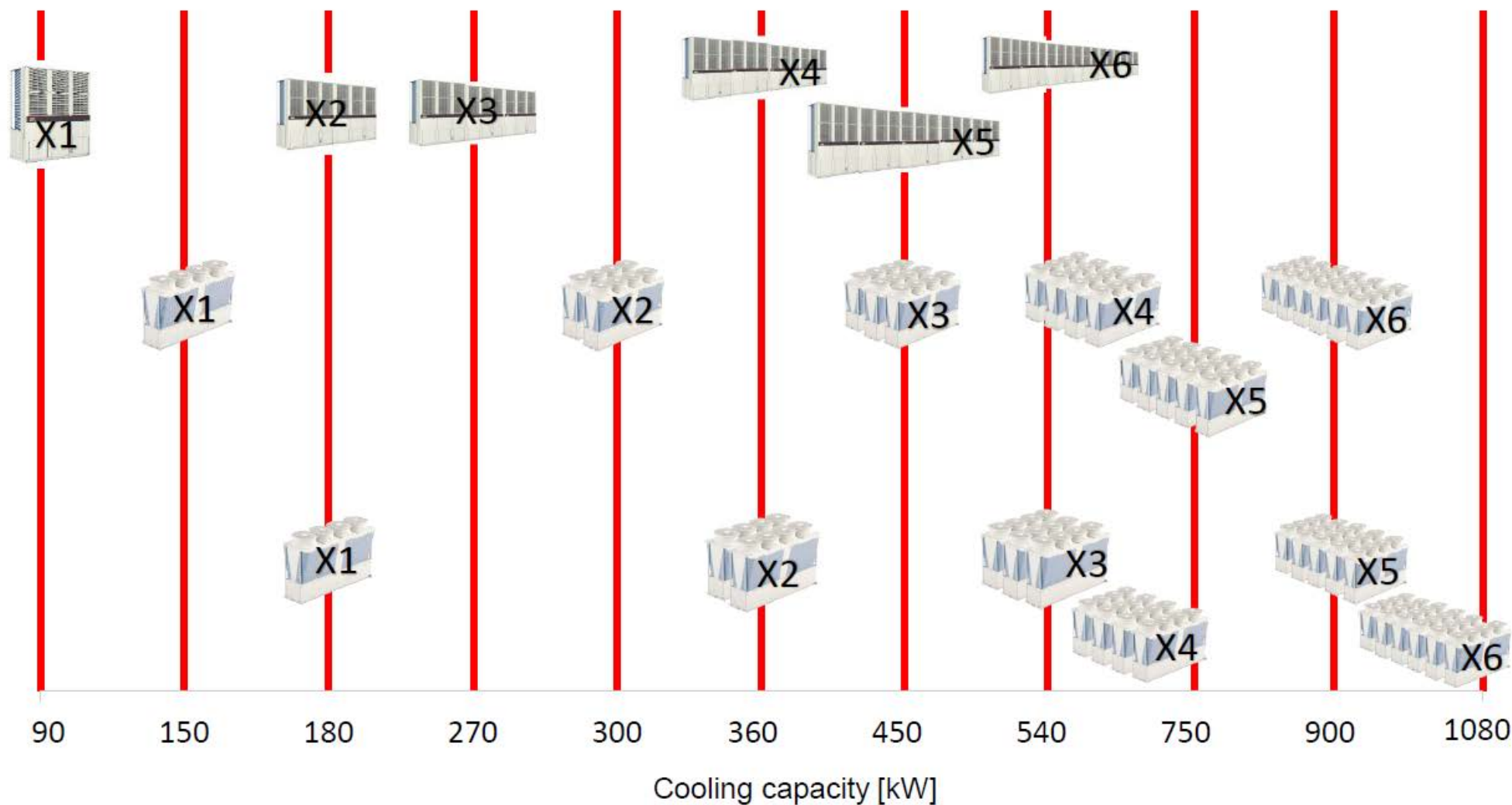


MELCO E-series modular chiller

Model name	EAHV-P900YAL	EAHV-P1500YBL	EAHV-P1800YBL
Shape			
HP	30	50	60
Cooling Capacity (kW)	90.0	148.58	177.76
EER *EN14511	2.94	3.19	2.90
SEER *EN14511	4.88	4.62	4.58
Heating Capacity (kW)	90.0	151.42	182.24
COP *EN14511	3.25	3.29	3.15
SCOP *EN14511 (Low/Mid)	3.65 / 2.90	3.24 / 2.85	3.24 / 2.85
Refrigerant	R410A	R410A	R410A
Refrigerant volume (kg)	38	60	60
(Factory shipped) (kg)	12	12	12
Sound pressure level [dB(A)]	65	66	68
Sound power level [dB(A)]	77	84	86

MELCO E-series modular chiller

CAPACITY RANGE





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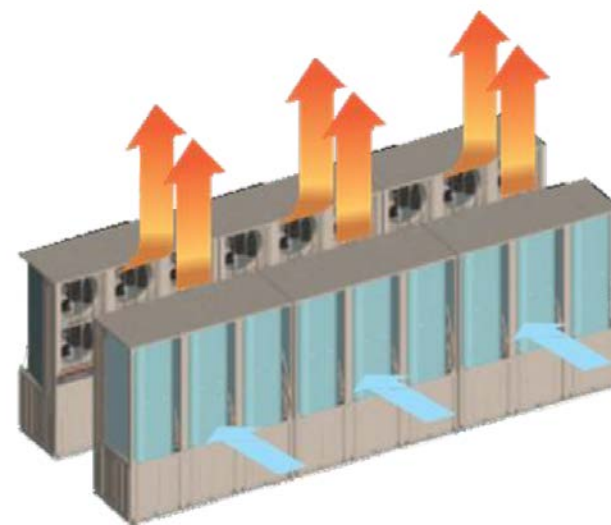
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MELCO E-series modular chiller

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Cold/hot
water outlet ←
Cold/hot
water inlet →





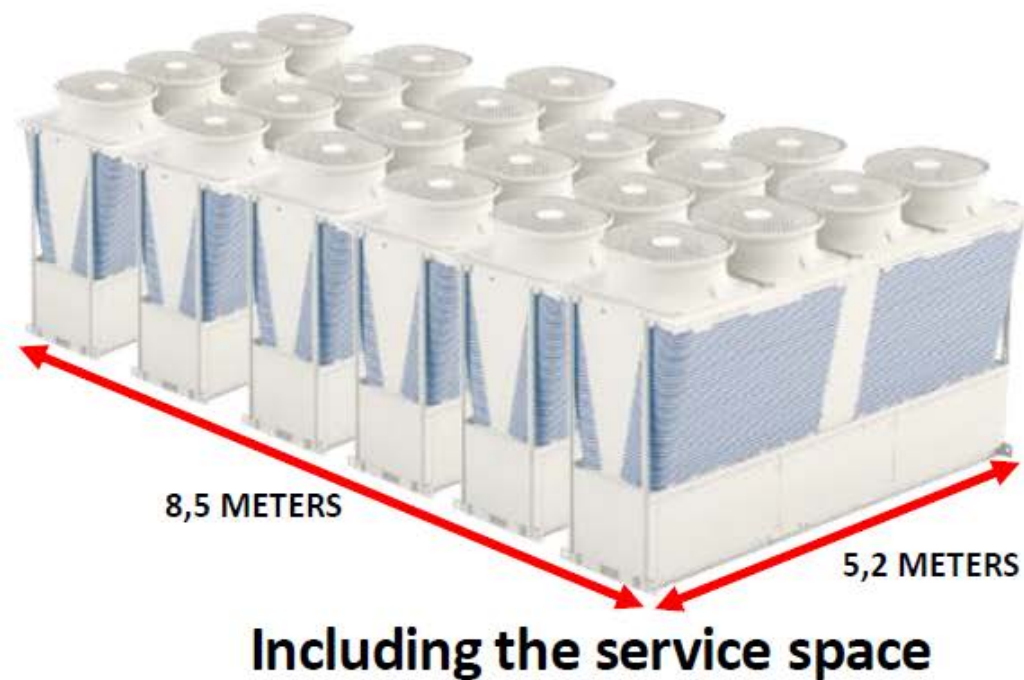
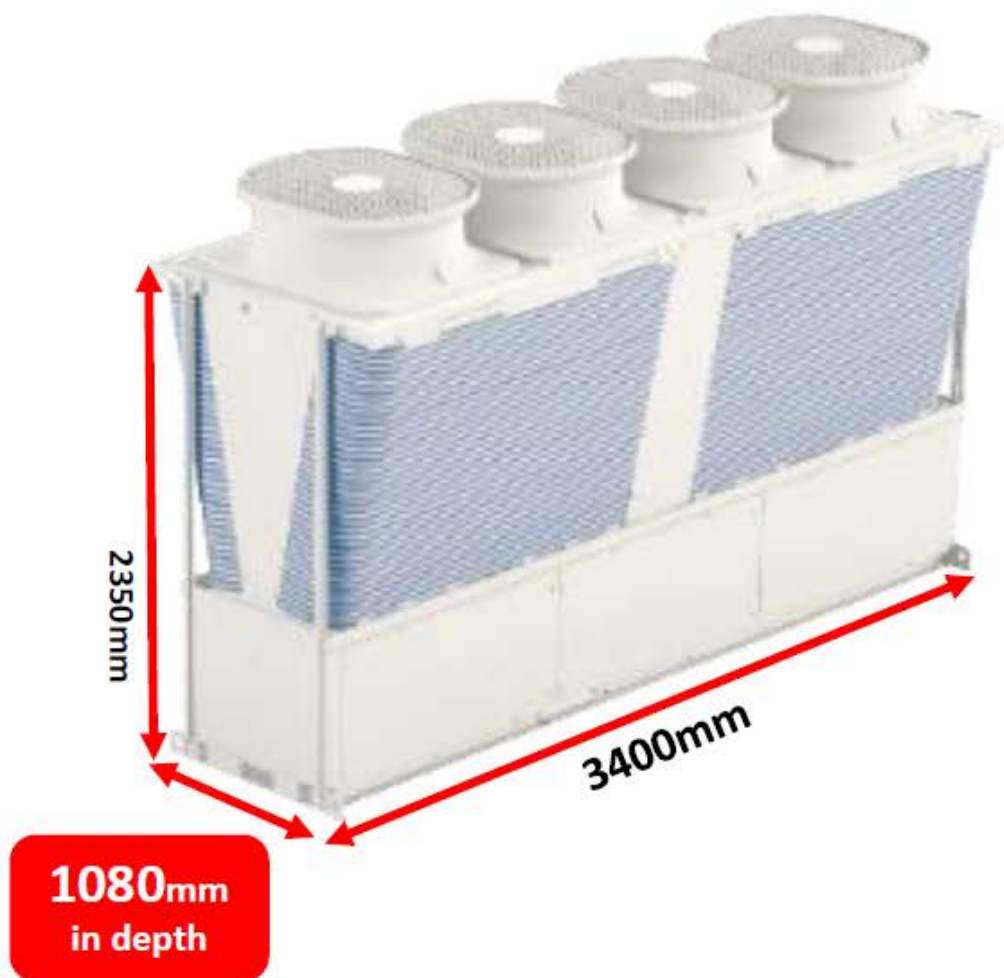
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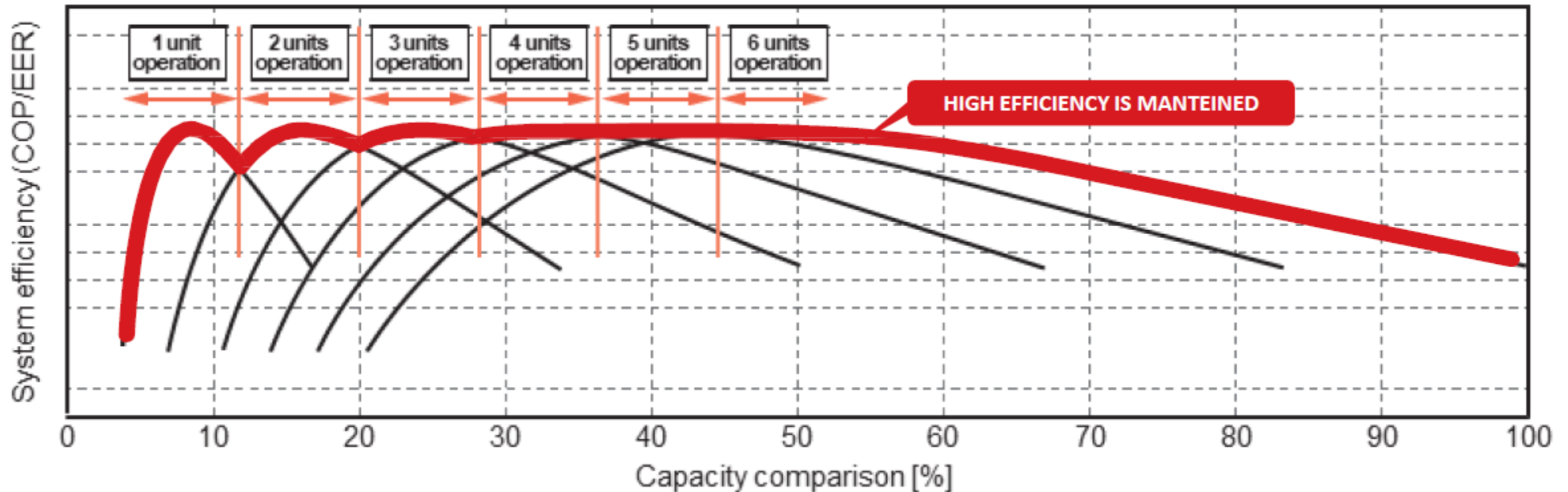
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MELCO E-series modular chiller

Authorized dealer of

- Kombinim Nga 1 deri ne 6 njesi per model 90kw deri ne 1080kw
- Eficense e larte, kontroll optimal i frekuences

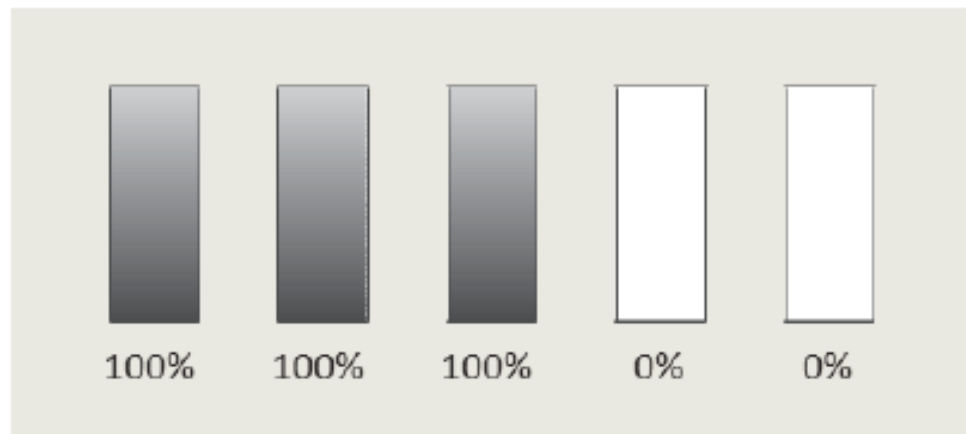


MELCO E-series modular chiller

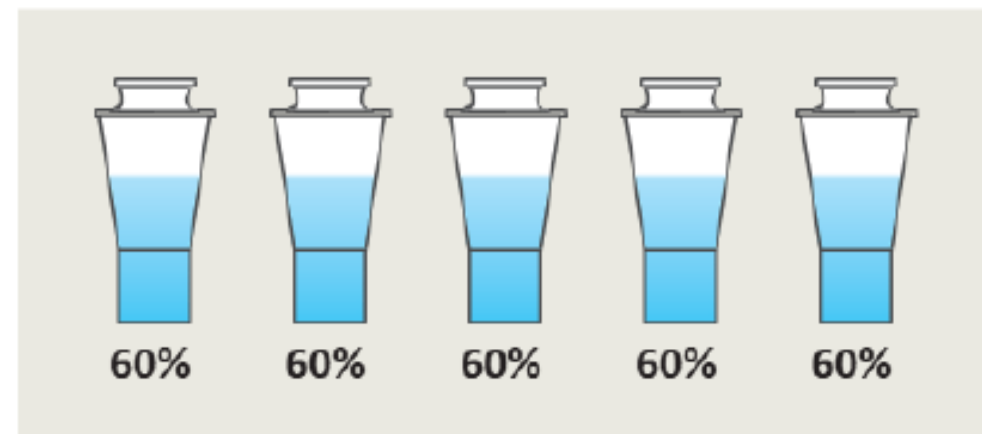
- **Kombinim Nga 1 deri ne 6 njesi per model 90kw deri ne 1080kw**
- **Eficense e larte, kontroll optimal i frekuences**

System load 60%

Without optimum frequency control



With optimum frequency control



MELCO E-series modular chiller

- **Permirsim I kontrollit te backup , rotation, dhe punimi ne emergjenc**



* Units that have been stopped by thermo OFF before the main unit goes down are kept in the thermo OFF mode.

First start-up



Second start-up



Third start-up

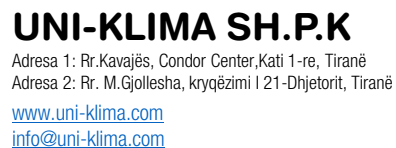


MELCO E-series modular chiller

- **Pulti I kontrollit – PAR –W31MAA**



- ✓ **ON/OFF**
- ✓ **Kalimi ngrohje/ftohje**
- ✓ **Vendosja e temperatures se ujit ne dergim**
- ✓ **Programim ditor dhe javor**
- ✓ **Shfaqjen ne ekran te temperetures aktuale**
- ✓ **Shfaqjen e erroreve ne ekran.**



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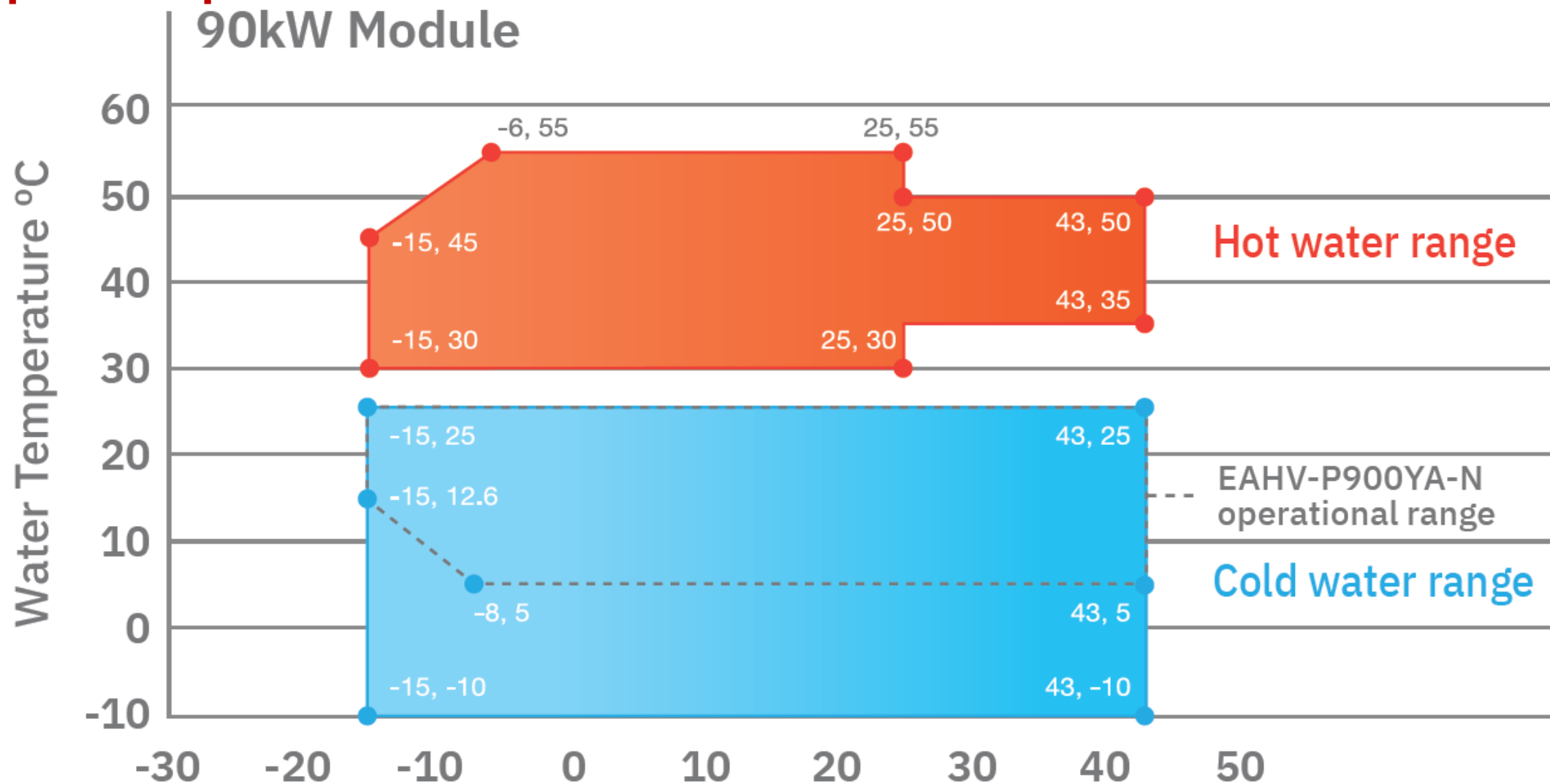
External Input	Closed / Open Contact
Heating mode	Heating / Heating ECO
Capacity Mode	Capacity Priority / COP Priority
Anti Freeze	ON / OFF
Fan Mode	Fan stop / Run
Flow Switch	Normal / Error
Pump Interlock	Normal / Error
Peak Demand	ON / OFF
Outlet water temp switching	2nd/ 1st
Cooling/ Heating switching *EAHV-P900YA	Heating/ Cooling
Water temp setting/ Capacity control	
External water sensor (optional)	Thermistor TW-TH16

External Output	Closed / Open Contact
Error indication	Close/Open (Non-voltage)
Operation indication	Close/Open (Non-Voltage)
Pump Operation command	Close/Open (Non-voltage)
Supplementary heater signal	Close/Open (Non-voltage)
Defrost signal	Close/Open (Non-voltage)
Drainpan heater signal	Close/Open (Non-voltage)
Error indication	Close/Open (Non-voltage)
Operation indication	Close/Open (Non-Voltage)
Pump Operation command	Close/Open (Non-voltage)

Output

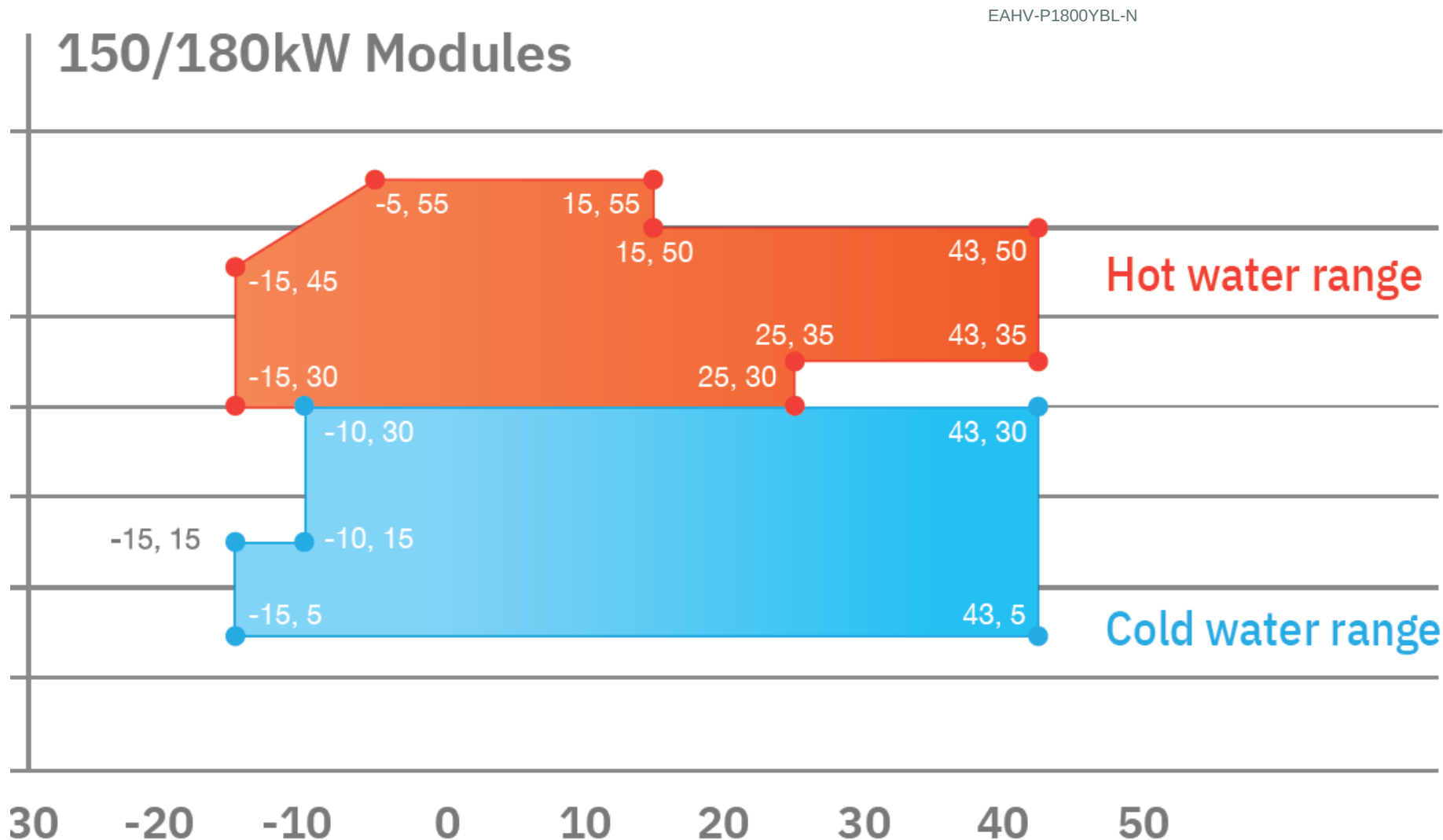
MELCO E-series modular chiller

Diapazoni I punimit EAHV-P900YA-N



MELCO E-series modular chiller

Diapazoni I punimit EAHV-P1500YBL-N / EAHV-P1800YBL-N





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IT COOLING

IT COOLING



MSY-TP35/50VF



MUY-TP35/50VF



PAR-40MAA

- Monosplit **RAC** i dedikuar vetem per ftohje per server
- Punim vetem ne **FTOHJE**
- **Moni Split**
- Temperatura e punimit **-25°C , +45°C**
- Eficens e larte energjitike **A+++ (TP35), A++ (TP50)**
- **SHF 0,90%**

IT COOLING

s – MEXT : njesi split DX

S – MEXT perfaqeson kombinimin me te mire te dy kompanive
ekselente, nje ne IT COOLING (eksperient mbi 50 vjete RC
GROUP), dhe tjetera ne Komfort (Mitsubishi Electric)

- Dimensione kompakte
- Kapaciteti ftohes deri ne 45 kw
- Nivel I ulet zhurme
- Gaz ftohes R410A
- PLUG & PLAY
- Marka Mitsubishi Electric
- Njesi e jashteme Mr.Slim, Power Inverter



s-MEXT

Mr.Slim.



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IT COOLING

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s – MEXT : njesi split DX

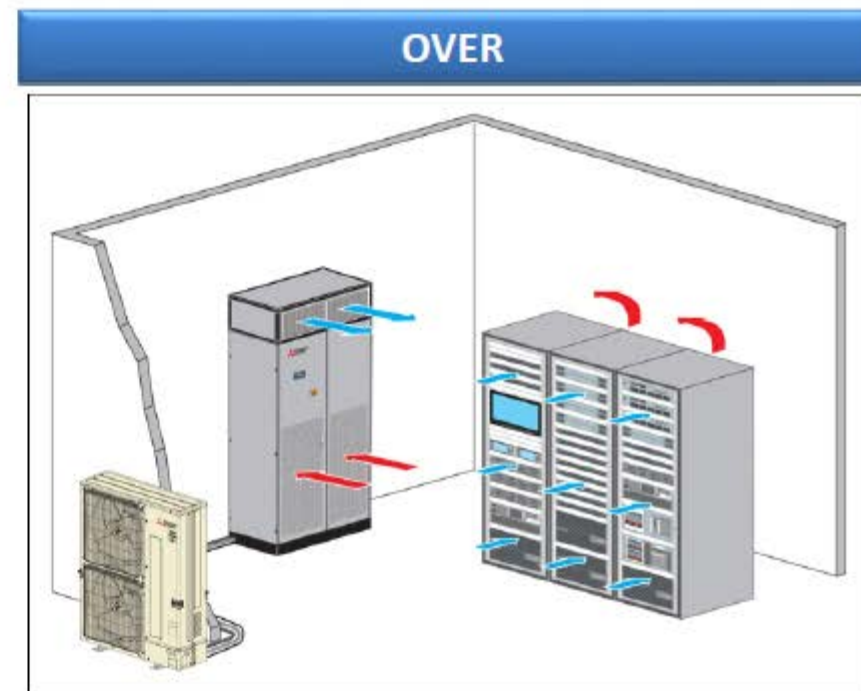
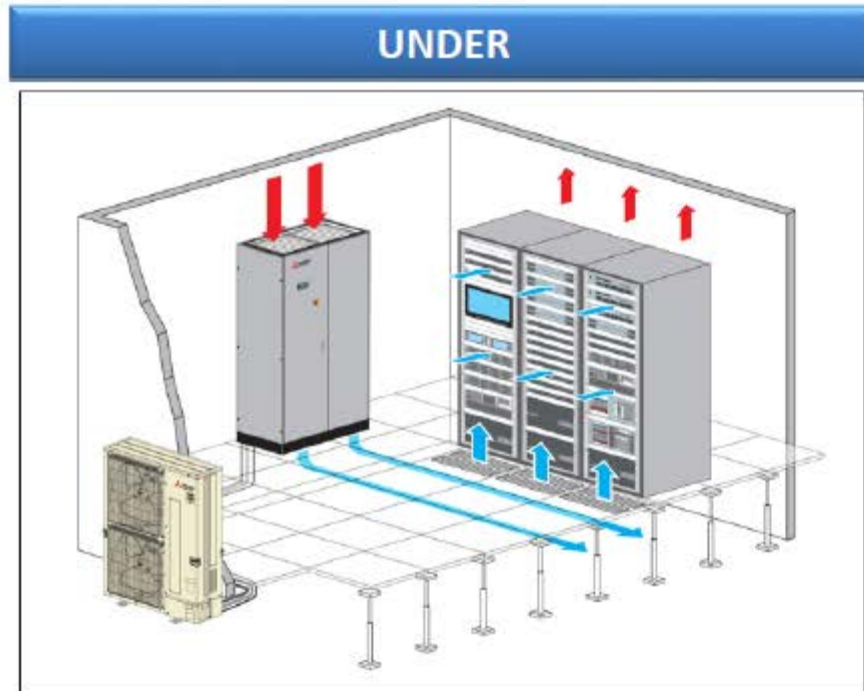


**mitsubishi
electric**

RC

IT COOLING

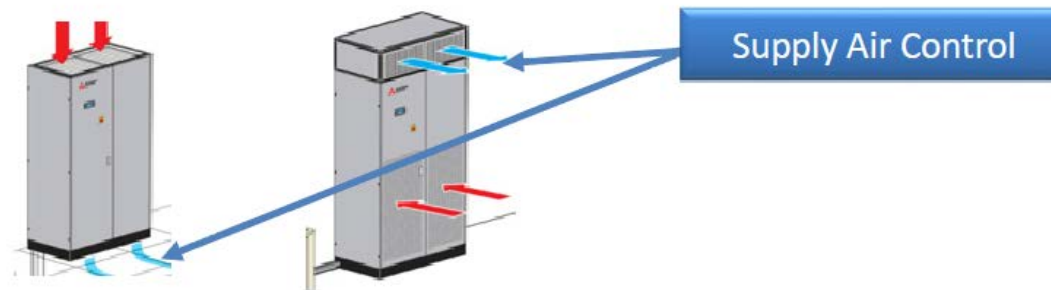
s – MEXT : opsionet e dergimit te Ajrit



- 6 modele nga 7 ne 42 kw
- Fryrje ajri nga lart ose nga poshte

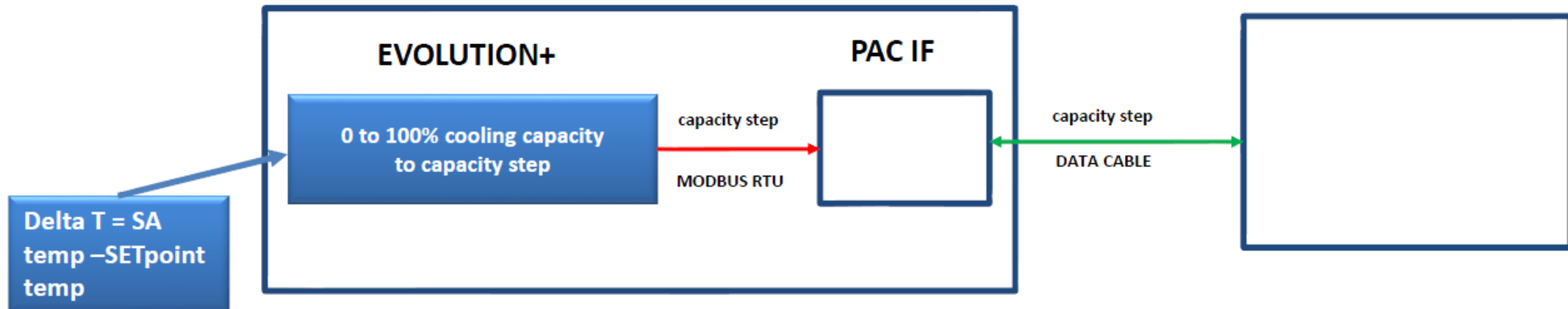
s – MEXT : Logjika e kontrollit

- Kontrolli I temperatures ne dergim **SA**, Kapaciteti ftohes qe nevojitet **(0 – 100%)** llogaritet nga diferenca e devijimit nga temperatura e kerkuar. Vlera qe kerkohet konvertoh ne 11 hapa per njesin e jashteme **Mr.Slim** nepermjet nderlidhesit **PAC-IF**



S-MEXT

Mr. SLIM



s – MEXT : sistemi I kontrollit

S-MEXT eshte I paisur me nje pult me ikona grafike dhe 6 butona qe te lejon te :

- Te arkivoj deri ne **200 errore**
- Te regjistroj kohen e punimit per komponentet kryesore
- Menuja me nivele te ndryshme perdorimi
- Lidhje ne LAN deri ne 10 njesi te brendeshme
- Lidhje ne BMS



Faleminderit