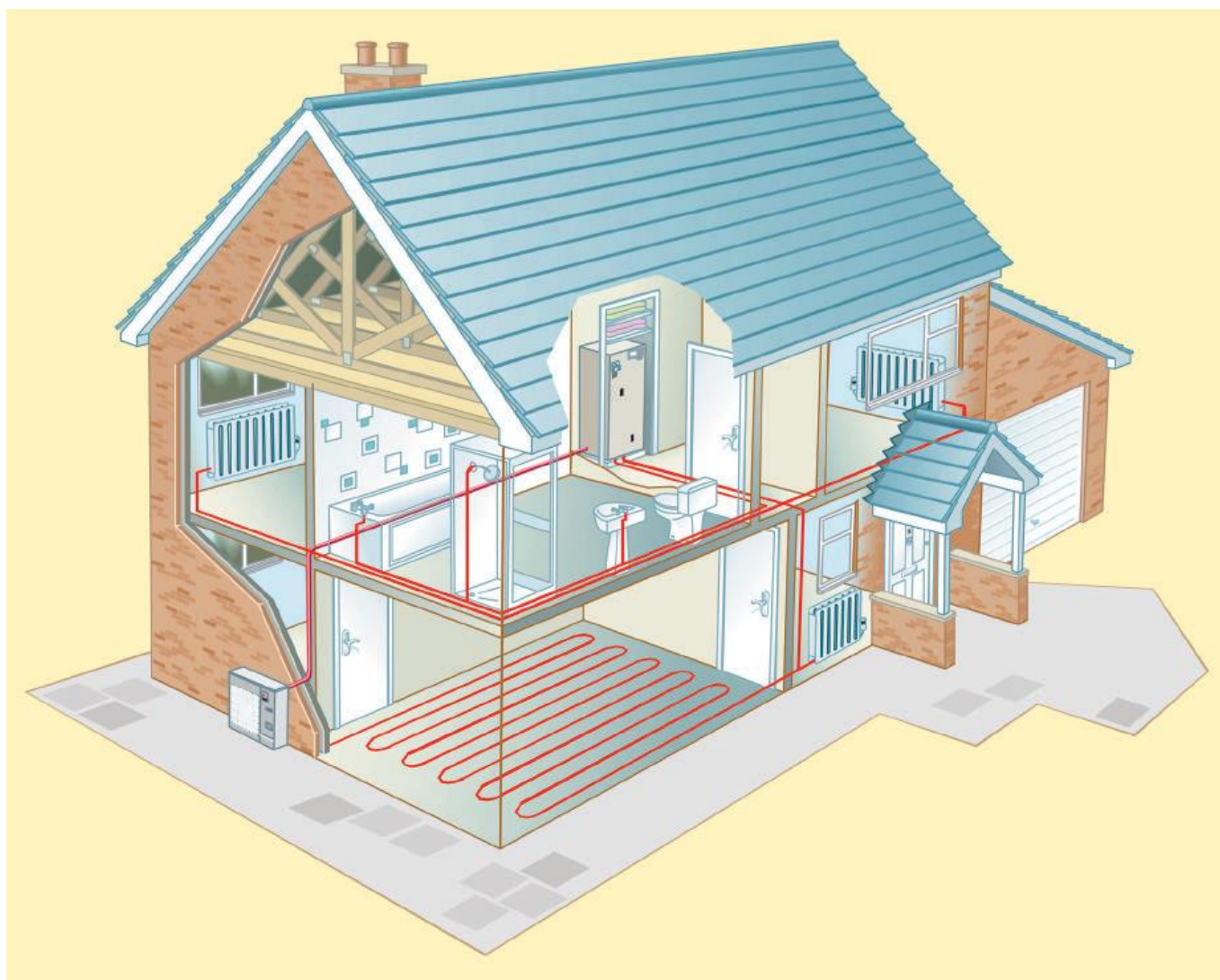


Gama POMPE DE CALDURA



LISTA DE PRET

- ECODAN
- ZUBADAN
- MR. SLIM

Sisteme hibrid cu recuperare de caldura

Mr. SLIM+



- Incalzire apa
- Apa calda menajera
- Incalzire aer
- Racire aer
- Recuperare caldura



DENUMIRE	UNITATE EXTERNA					PRET LISTA (EURO FARA TVA)
	Incalzire (aer/apa)			Racire (aer/aer)		
	Nominal (kW)	COP A7W35	SCOP Rank	Nominal (kW)	SEER Rank	
PUHZ-FRP71VHA	8,0	4,04	A++	7,1	A+	2460

UNITATI INTERNE COMPATIBILE - GAMA MR. SLIM



SINGLE

TIP UNITATE INTERNA	MODEL	PRET LISTA* (EURO fara TVA)
Duct pentru plafon fals	PEAD-M71JA	644
Unitate de perete	PKA-M71KAL	929
Unitate aplicabila pe tavan	PCA-M71KA	818
	PCA-M71HAQ	1753
Coloana	PSA-RP71KA	898

TWIN

TIP UNITATE INTERNA	MODEL	PRET LISTA* (EURO fara TVA)
Duct pentru plafon fals	PEAD-M35JA	550
Unitate de perete	PKA-M35LA	669
Unitate aplicabila pe tavan	PCA-M35KA	554
Joint dublu	MSDD-50TR2-E	65

- Telecomanda se oferteaza separat

TELECOMENZI COMPATIBILE

DESCRIERE	MODEL	PRET LISTA (EURO fara TVA)
Telecomanda cu fir simpla	PAC-YT52CRA-K	116
Telecomanda cu fir Deluxe	PAR-40MAA	173

Unitati externe



UNITATE EXTERNA						
DENUMIRE	Incalzire A7W35			Racire A35W18		PRET LISTA (EURO FARA TVA)
	Nominal (kW)	COP	SCOP Rank	Nominal (kW)	EER	
PUHZ-SHW80VAA	8,0	4,65	A++	7,1	4,52	3522
PUHZ-SHW80YAA	8,0	4,65	A++	7,1	4,52	3845
PUHZ-SHW112VAA	11,2	4,46	A++	10,0	4,74	3819
PUHZ-SHW112YAA	11,2	4,46	A++	10,0	4,74	4414
PUHZ-SHW112VHA	11,2	4,46	A++	10,0	4,74	3603
PUHZ-SHW112YHA	11,2	4,46	A++	10,0	4,74	3907
PUHZ-SHW140YHA	14,0	4,22	A++	12,5	4,26	4700
PUHZ-SHW230YKA	23,0	3,65	A++	20,0	3,55	8099

ZUBADAN

R410A

UNITATE EXTERNA						
DENUMIRE	Incalzire A7W35			Racire A35W18		PRET LISTA (EURO FARA TVA)
	Nominal (kW)	COP	SCOP Rank	Nominal (kW)	EER	
PUHZ-SW75VAA	8,0	4,40	A++	7,3	4,01	2371
PUHZ-SW75YAA	8,0	4,40	A++	7,3	4,01	2595
PUHZ-SW100VAA	11,2	4,45	A++	10,0	4,35	2885
PUHZ-SW100YAA	11,2	4,45	A++	10,0	4,35	3336
PUHZ-SW120VHA	16,0	4,10	A++	14,0	4,08	3392
PUHZ-SW120YHA	16,0	4,10	A++	14,0	4,08	3919
PUHZ-SW160YKA	22,0	4,20	A++	18,0	4,28	5250
PUHZ-SW200YKA	25,0	4,00	A++	22,0	4,10	5881

ecodan®
Renewable Heating Technology

POWER INVERTER

R410A

UNITATE EXTERNA						
DENUMIRE	Incalzire A7W35			Racire A35W18		PRET LISTA (EURO FARA TVA)
	Nominal (kW)	COP	SCOP Rank	Nominal (kW)	EER	
SUZ-SWM40VA	4,0	5,20	A++	5,60	4,97	1407
SUZ-SWM60VA	6,0	4,86	A++	6,00	4,88	1774
SUZ-SWM80VA	7,5	4,70	A++	6,30	4,80	2094

ecodan®
Renewable Heating Technology

POWER INVERTER

R32

Unitati externe



DENUMIRE	Incalzire A7W35			PRET LISTA (EURO FARA TVA)
	Nominal (kW)	COP	SCOP Rank	
PUD-SHWM80VAA	8,9	5,00	A++	3633
PUD-SHWM80YAA	8,9	5,00	A++	3961
PUD-SHWM100VAA	10,9	4,94	A++	4234
PUD-SHWM100YAA	10,9	4,94	A++	4476
PUD-SHWM120VAA	12,9	4,80	A++	4458
PUD-SHWM120YAA	12,9	4,80	A++	4773
PUD-SHWM140YAA	14,4	4,70	A++	4870

ZUBADAN

R32

DENUMIRE	Incalzire A7W35			PRET LISTA (EURO FARA TVA)
	Nominal (kW)	COP	SCOP Rank	
PUD-SWM80VAA	8,9	4,76	A++	2382
PUD-SWM80YAA	8,9	4,76	A++	2567
PUD-SWM100VAA	10,9	4,85	A++	3167
PUD-SWM100YAA	10,9	4,85	A++	3469
PUD-SWM120VAA	12,9	4,70	A++	3849
PUD-SWM120YAA	12,9	4,70	A++	4109

ecodan
Renewable Heating Technology

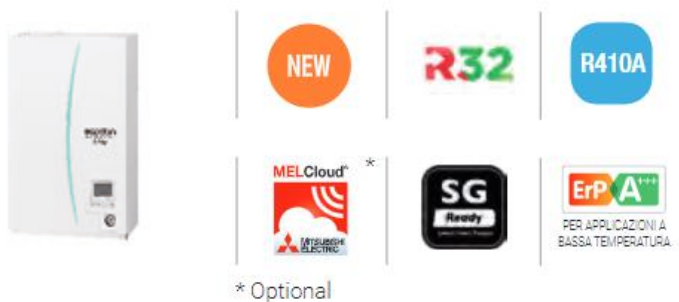
POWER INVERTER

R32

DENUMIRE	Incalzire A7W35			PRET LISTA (EURO FARA TVA)
	Nominal (kW)	COP	SCOP Rank	
PUZ-HWM140VH	16,6	2,45	A++	5565
PUZ-HWM140YH	16,6	2,45	A++	5885
PUZW112VA	13,5	3,00	A++	4171
PUZW112YA	13,5	3,00	A++	4451
PUZ-WM50VH	5,6	3,00	A++	2094
PUZ-WM85VA	10,5	2,6	A++	3514

R32

Unitati interne – HYDROBOX



HYDROBOX – Incalzire (optional apa calda menajera)			
DENUMIRE	ALIM. ELECTRICA	DESCRIERE	PRET LISTA (EURO FARA TVA)
EHSD-VM2D	Monofazat 2 kW	Hydrobox (Small)	2208
EHSD-YM9D	Trifazat 9 kW	Hydrobox (Small)	2685
EHSC-VM2D	Monofazat 2 kW	Hydrobox (Medium)	2453
EHSC-VM6D	Monofazat 6 kW	Hydrobox (Medium)	2480
EHSC-YM9D	Trifazat 9 kW	Hydrobox (Medium)	2816
EHSE-YM9ED	Trifazat 9 kW	Hydrobox (Large)	3279

HYDROBOX – Reversibil (optional apa calda menajera)			
DENUMIRE	ALIM. ELECTRICA	DESCRIERE	PRET LISTA (EURO FARA TVA)
ERPX-VM2D	Monofazat 2 kW	Hydrobox	1989
ERSD-VM2D	Monofazat 2 kW	Hydrobox (Small)	2474
ERSC-VM2D	Monofazat 2 kW	Hydrobox (Medium)	2750
ERSE-MED	--	Hydrobox (Large)	3299
ERSE-YM9ED	Trifazat 9 kW	Hydrobox (Large)	3673

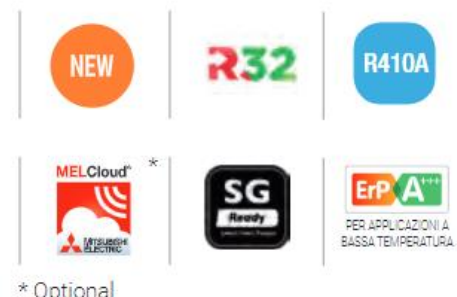
- V – monofazat Y – trifazat
- ERPX compatibil cu PUZ-WM

* PENTRU COMPATIBILITATI CONSULTATI TABELELE DE LA PAG. 9-12

Unitati interne – HYDROTANK



HYDROTANK – Incalzire (optional apa calda menajera)			
DENUMIRE	ALIM. ELECTRICA	DESCRIERE	PRET LISTA (EURO FARA TVA)
EHST17D-VM2D	Monofazat 2 kW	Hydrotank 170 l (Small)	3626
EHST20D-VM2D	Monofazat 2 kW	Hydrotank 200 l (Small)	3744
EHST20D-YM9D	Trifazat 9 kW	Hydrotank 200 l (Small)	4176
EHST30D-YM9ED	Trifazat 9 kW	Hydrotank 300 l (Small)	4651
EHST20C-VM2D	Monofazat 2 kW	Hydrotank 200 l (Medium)	3923
EHST20C-VM6D	Monofazat 6 kW	Hydrotank 200 l (Medium)	4027
EHST20C-YM9D	Trifazat 9 kW	Hydrotank 200 l (Medium)	4474
EHST30C-VM6ED	Monofazat 6 kW	Hydrotank 300 l (Medium)	4776
EHST30C-YM9ED	Trifazat 9 kW	Hydrotank 300 l (Medium)	4924
HYDROTANK – Reversibil (optional apa calda menajera)			
DENUMIRE	ALIM. ELECTRICA	DESCRIERE	PRET LISTA (EURO FARA TVA)
ERST17D-VM2D	Monofazat 2 kW	Hydrotank 170 l (Small)	3626
ERST20D-VM2D	Monofazat 2 kW	Hydrotank 200 l (Small)	4017
ERST30D-VM2ED	Monofazat 2 kW	Hydrotank 300 l (Small)	4434
ERST20C-VM2D	Monofazat 2 kW	Hydrotank 200 l (Medium)	4243
ERST30C-VM2ED	Monofazat 2 kW	Hydrotank 300 l (Medium)	4652
ERPT17X-VM2D	Monofazat 2 kW	Hydrotank 170 l	3526
ERPT20X-VM2D	Monofazat 2 kW	Hydrotank 200 l	3600
ERPT30X-VM2ED	Monofazat 2 kW	Hydrotank 300 l	3769



* Optional

- V – monofazat Y – trifazat

* PENTRU COMPATIBILITATI CONSULTATI TABELELE DE LA PAG. 9-12

Unitati externe pompa de caldura pentru apa calda – seria Packaged

Seria QAHV – Aer-Apa - CO2

UNITATE HIDRONICA	CAPACITATE NOMINALA	PRET LISTA UNITATE HIDRONICA (EURO fara TVA)
MODEL	INCALZIRE (kW)	
QAHV-N560YA-HPB	40,0	28739



Seria CAHV – Aer-Apa Ecodan

UNITATE HIDRONICA	CAPACITATE NOMINALA	PRET LISTA UNITATE HIDRONICA (EURO fara TVA)
MODEL	INCALZIRE (kW)	
CAHV-P500YA-HPB	45,0	22735



Seria CRHV – Geotermal Ecodan

UNITATE HIDRONICA	CAPACITATE NOMINALA	PRET LISTA UNITATE HIDRONICA (EURO fara TVA)
MODEL	INCALZIRE (kW)	
CRHV-P600YA-HPB	60,0	19013









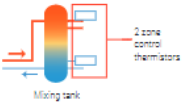
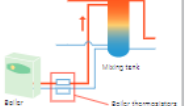
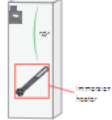

ACCESORII GAMA POMPE DE CALDURA

Nr. crt.	MODEL	DESCRIERE	PRET LISTA (EURO fara TVA)
1	PAC-SE41TS-E	Senzor telecomanda de la distanta – unitati seria S, P, Ecodan	42
2	PAC-PS01-E	Senzor de presiune gaz. Se livreaza la cutie de 20 bucati.	968
3	PAC-FS01-E	Senzor de debit	157
4	PAC-TH012HT-E	Senzor pentru interconectare cu centrala termica	66
5	PAC-TH011-E	Senzor circuit de incalzire	66
6	PAC-TH011HT-E	Senzor de temperatura a debitului de apa, pentru surse auxiliare de caldura.	66
7	PAC-TH011TK2-E	Senzor pentru rezervor apa calda menajera	33
8	PAC-SE60RA-E	Conector comanda rezistenta electrica in timpul degivrarii	37
	PAR-WT50R-E	Telecomanda wireless	122
9	PAR-WR51R-E	Receptor wireless	106
10	PAC-IF021B-E	Interfata comunicare	752
11	PAC-IF071B-E	Interfata comunicare (FTC6 incorporat)	1082
12	PAC-IF032B-E	Interfata comunicare (FTC2B incorporat)	827
13	PAC-IF033B-E	Interfata comunicare (FTC2BR incorporat)	827
14	PAC-IF033PCB	PCB interfata comunicare. Se livreaza la cutie de 10 bucati. Pret pentru 10 bucati.	3300
15	PAC-IF010-E	Interfata comunicare cu unitati AHU (FTC incorporat). Se livreaza la cutie de 10buc. Pret pentru 10 bucati.	3164
16	PAC-IF011B-E	Interfata comunicare cu unitati AHU (FTC incorporat)	554
17	PROCON A1M	Interfata ModBus – unitati interne Ecodan	160
18	PAC-TZ02-E	Kit 2 zone pentru unitati Ecodan, cu exceptia modelelor E*SE	1268
19	MAC-567IF-E	Interfata Wi-Fi pentru serviciul MEL CLOUD	61
20	PAC-IH03V2-E	Rezistenta de imersie (1Ph 3kW) ECODAN	211
21	PAC-SH71DS-E	Conector preluare condens PUHZ-SW50	201
22	PAC-SE58RA-E	Conector rezistenta incalzire	38
23	PAC-IH01V2-E	Rezistenta de imersie (1PH 1kW) ECODAN	197
24	PAC-SIF051B-E	Slave controller ECODAN (FTC6)	763
25	PAC-SIF071B-E	Slave controller ECODAN (FTC6)	763
26	PAC-SH95AG-E	Grila de protectie vant (asigura protectie pana la temperatura exterioara de -15°). Sunt necesare 1 bucata sau 2 bucati in functie de numarul de ventilatoare	286
27	PAC-SH63AG-E	Grila de protectie vant (asigura protectie pana la temperatura exterioara de -15°). Sunt necesare 1 bucata sau 2 bucati in functie de numarul de ventilatoare	289
28	PAC-SH96SG-E	Grila pentru directionarea fluxului de aer la iesire (sunt necesare 1 bucata sau 2 bucati in functie de numarul de ventilatoare)	94
29	MAC-886SG-E	Grila pentru directionarea fluxului de aer la iesire (sunt necesare 1 bucata sau 2 bucati in functie de numarul de ventilatoare)	660
30	PAC-SG59SG-E	Grila pentru directionarea fluxului de aer la iesire (sunt necesare 1 bucata sau 2 bucati in functie de numarul de ventilatoare)	94
	PAC-SG64DP-E	Tavita condens	241
31	PAC-SH97DP-E	Tavita condens	241
32	PAC-DP01-E	Tavita condens	413
33	PAC-SG61DS-E	Conector preluare condens	36
34	V25THx40	Schimbator de caldura freon-apa 40 placi	388
35	V25THx50	Schimbator de caldura freon-apa 50 placi	427
36	F80Hx60	Schimbator de caldura freon-apa 60 placi	606
37	IK25 Up to 40 plates	Izolatie schimbator de caldura compatibil V25THx40	50
38	IK28/80 Up to 100 plates	Izolatie schimbator de caldura compatibil V25THx50 si F80Hx60	61
39	Fluxostat, 1”	Fluxostat pentru sisteme SHW80/112/140, ZRP71/100/125	95

Factura se emite utilizand cursul de schimb BNR+1%

TABEL COMPATIBILITATI ACCESORII

Indoor units		Wireless remote controller		Wi-fi interface	ModBus/BacNet interface	Remote room temperature sensor
		Wireless signal sender	Wireless signal receiver			
		PAR-WT50R-E	PAR-WR51R-E	MAC-567IF-E	PROCONA1M	PAC-SE41TS-E
						
Hydrobox	EHSD-VM2D	•	•	•	•	•
	EHSD-YM9D	•	•	•	•	•
	EHSC-VM2D	•	•	•	•	•
	EHSC-VM6D	•	•	•	•	•
	EHSC-YM9D	•	•	•	•	•
	EHSE-YM9ED	•	•	•	•	•
	ERSE-YM9ED	•	•	•	•	•
	ERSD-VM2D	•	•	•	•	•
	ERSC-VM2D	•	•	•	•	•
ERSE-MED	•	•	•	•	•	
Hydotank	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	•	•	•	•	•	
FTC6	PAC-IF071B-E	•	•	•	•	•

Indoor units		Thermistor for DHW tank	Thermistor for zone control	Thermistor for boiler or buffer tank	Immersion heater DHW 3 kW	Immersion heater DHW 1 kW	Two zone - kit
		PAC-TH011TK2-E	PAC-TH011-E	PAC-TH012HT-E	PAC-IH03V2-E	PAC-IH01V2-E	PAC-TZ02-E
							
Hydrobox	EHSD-VM2D	•	•	•			•
	EHSD-YM9D	•	•	•			•
	EHSC-VM2D	•	•	•			•
	EHSC-VM6D	•	•	•			•
	EHSC-YM9D	•	•	•			•
	EHSE-YM9ED	•	•	•			•
	ERSE-YM9ED	•	•	•			•
	ERSD-VM2D	•	•	•			•
	ERSC-VM2D	•	•	•			•
ERSE-MED	•	•	•			•	
Hydrotank	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		•	•	•	•	•
FTC6	PAC-IF071B-E	•	•	•			

Split Sistem		R32									
		Ecodan			Ecodan - Heating only			Zubadan - Heating only			
		SUZ-SWM40VA	SUZ-SWM60VA	SUZ-SWM80VA	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
Hydrobox	EHSD-VM2D	•	•	•	•	•	•	•	•	•	•
	EHSD-YM9D	•	•	•	•	•	•	•	•	•	•
	EHSC-VM2D										
	EHSC-VM6D										
	EHSC-YM9D										
	EHSE-YM9ED										
	ERSE-YM9ED										
	ERSD-VM2D	•	•	•	•	•	•	•	•	•	•
	ERSC-VM2D										
ERSE-MED											
Hydrotank	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										
FTC	PAC-IF071B-E	•	•	•	•	•	•	•	•	•	•

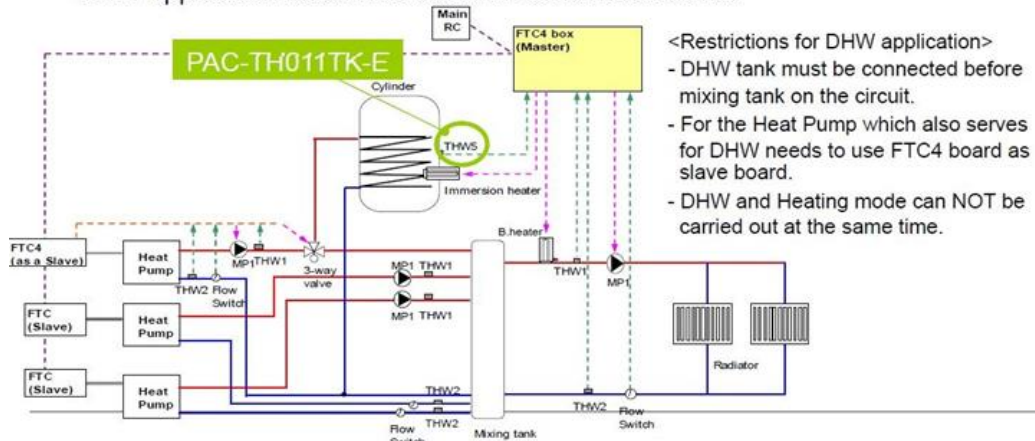
Split System		R410A										
		Ecodan					Zubadan				Mr. Slim +	PUMY
		PUHZ-SW75V(Y)AA	PUHZ-SW100V(Y)AA	PUHZ-SW120V(Y)HA	PUHZ-SW160YKA	PUHZ-SW200YKA	PUHZ-SHW80V(Y)AA	PUHZ-SHW112V(Y)AA	PUHZ-SHW140YHA	PUHZ-SHW230YKA2	PUHZ-FRP71VHA	PUMY-P112/125/148V(Y)KM4
Hydrobox	EHSD-VM2D	•										
	EHSD-YM9D	•										
	EHSC-VM2D		•	•			•	•	•	•	•	
	EHSC-VM6D		•	•			•	•	•	•	•	
	EHSC-YM9D		•	•			•	•	•	•	•	
	EHSE-YM9ED				•	•				•		
	ERSE-YM9ED				•	•				•		
	ERSD-VM2D	•										
	ERSC-VM2D		•	•			•	•	•			
ERSE-MED				•	•				•			
Hydrotank	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		•	•			•	•	•			
FTC	PAC-IF071B-E	•	•	•	•	•	•	•	•			



Multiple unit control (optional)

<Restrictions>

- 1) Up to 6 outdoor units are allowed as far as they are all same models.
- 2) Master controller must be the stand alone FTC4 box.
Each outdoor unit needs to be connected to a slave board.
Slave board can be either the stand alone type or a Hydro box.
- 3) Cylinder unit can NOT be used for Multiple-unit control.
DHW application is available but with some restrictions.



<Restrictions for DHW application>

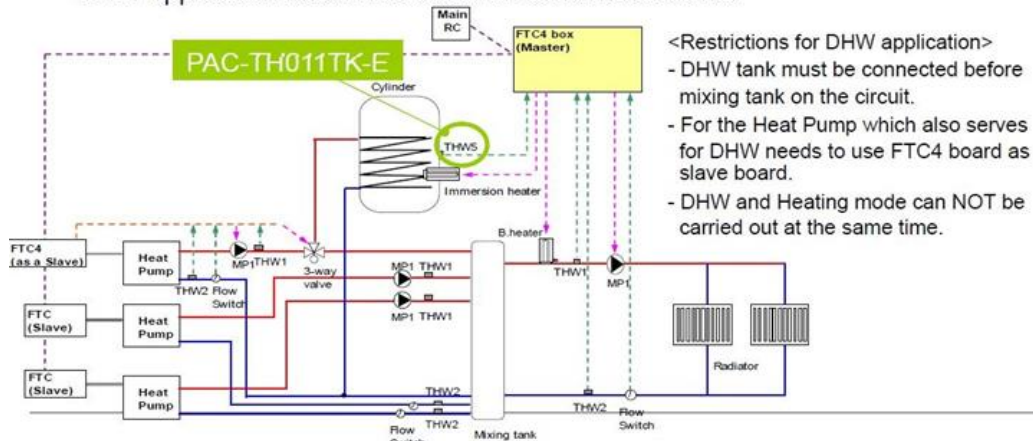
- DHW tank must be connected before mixing tank on the circuit.
- For the Heat Pump which also serves for DHW needs to use FTC4 board as slave board.
- DHW and Heating mode can NOT be carried out at the same time.



Multiple unit control (optional)

<Restrictions>

- 1) Up to 6 outdoor units are allowed as far as they are all same models.
- 2) Master controller must be the stand alone FTC4 box.
Each outdoor unit needs to be connected to a slave board.
Slave board can be either the stand alone type or a Hydro box.
- 3) Cylinder unit can NOT be used for Multiple-unit control.
DHW application is available but with some restrictions.



<Restrictions for DHW application>

- DHW tank must be connected before mixing tank on the circuit.
- For the Heat Pump which also serves for DHW needs to use FTC4 board as slave board.
- DHW and Heating mode can NOT be carried out at the same time.