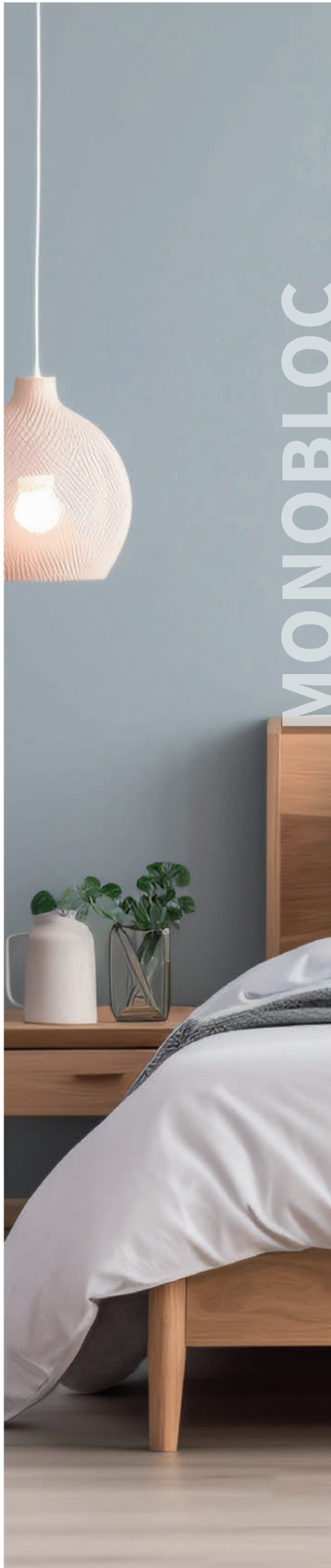
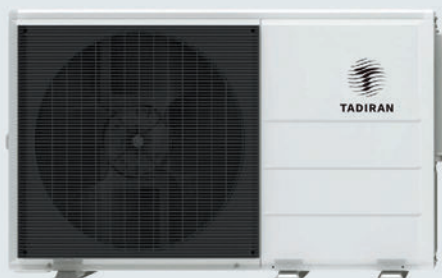


Description		Unit	TAD-ATW29M042IT
Heating (LWT 35°C / OAT 7°C)	Capacity	kW	4,00
	Power Input	kW	0,73
	COP	W/W	5,50
Heating (LWT 35°C / OAT 7°C)	Capacity	kW	4,00
	Power Input	kW	1,19
	COP	W/W	3,35
Heating Average Climate water outlet 35°C	SCOP	~	5,10
	ηs	%	201
	Energy Class	-	A+++
Heating Average Climate water outlet 55°C	SCOP	-	3,85
	ηs	%	151
	Energy Class	-	A+++
Cooling (LWT 18°C / OAT 35°C)	Capacity	kW	4,00
	Power Input	kW	0,79
	EER	-	5,05
Cooling (LWT 7°C / OAT 35°C)	Capacity	kW	3,50
	Power Input	kW	0,95
	EER	-	3,70
Outdoor operating temperature	Heating	°C	-25 ~35
	Cooling	°C	10 ~ 48
Water outlet temperatures	Heating	°C	20~80
	Cooling	°C	5~25
Expansion vessel		L	4,5
Minimum system water content		L	20
Storage temperature	DHW	°C	25~75
Water side connections	Inlet/Outlet	inches	1F"
Compressor	Quantity	-	1
	Type	-	DC inverter twin rotary
Refrigerant	Type	-	R290
	Charge/CO ₂ Eq.	kg/T	0,8/2,4
Net dimensions	HxWxD	mm	790*1250*380
Dimensions of the control panel	HxWxD	mm	460*400*110
Net/gross weight		kg	91/115
Sound pressure*(1)		dB(A)	44
Sound power*(1)		dB	55
Power supply		V/Ph/Hz	220-240/1/50
Max. operating current		A	13,5
Recommended fuse		A	16,0
Accessories	TAD-ATWCKIT		Expansion box ... →
	TAD-ATW29MCONIT		Control Panel
	Filter		Y-type (Standard)



TAD-ATW29M062IT	TAD-ATW29M082IT	TAD-ATW29M102IT	TAD-ATW29MT12IT	TAD-ATW29MT14IT	TAD-ATW29MT16IT
6,00	8,00	10,00	12,00	14,00	16,00
1,12	1,50	1,96	2,35	2,83	3,23
5,35	5,35	5,10	5,10	4,95	4,95
6,00	8,00	10,00	11,50	13,50	15,50
1,82	2,35	3,13	3,48	4,22	5,08
3,30	3,40	3,20	3,30	3,20	3,05
5,10	5,20	5,10	4,82	4,80	4,80
201	205	201	190	189	189
A+++	A+++	A+++	A+++	A+++	A+++
3,83	3,85	3,83	3,85	3,83	3,85
150	151	150	151	150	151
A+++	A+++	A+++	A+++	A+++	A+++
6,00	7,50	9,50	11,50	13,50	15,50
1,20	1,58	2,21	2,56	3,14	3,88
5,00	4,75	4,30	4,50	4,30	4,00
5,00	6,80	8,50	10,00	12,00	14,00
1,37	1,97	2,62	2,99	3,75	4,52
3,65	3,45	3,25	3,35	3,20	3,10
-25 ~35	-25 ~35	-25 ~35	-25 ~35	-25 ~35	-25 ~35
10 ~ 48	10 ~ 48	10 ~ 48	10 ~ 48	10 ~ 48	10 ~ 48
20~80	20~80	20~80	20~80	20~80	20~80
5~25	5~25	5~25	5~25	5~25	5~25
4,5	4,5	4,5	8	8	8
30	40		60	70	80
25~75	25~75	25~75	25~75	25~75	25~75
1F"	1F"	1F"	1F"	1F"	1F"
1	1	1	1	1	1
DC inverter twin rotary					
R290	R290	R290	R290	R290	R290
0.8/2.4	0.9/2.7	0.9/2.7	1.05/3.15	1.05/3.15	1,25/3,75
790*1250*380	790*1250*380	790*1250*380	880*1380*568	880*1380*568	880*1380*568
460*400*110					
91/115	103/128	119/144	147/174	147/174	156/183
47	48	49	52	53	55
58	59	60	63	64	66
220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
13,5	18,6	18,6	10,2	10,2	11,6
16,0	20,0	20,0	16,0	16,0	16,0
Expansion box for managing solar thermal, a dedicated circuit for heating a swimming pool, the defrost signal output and more					
Control Panel					
Y-type (Standard)					

OPERATING LIMITS

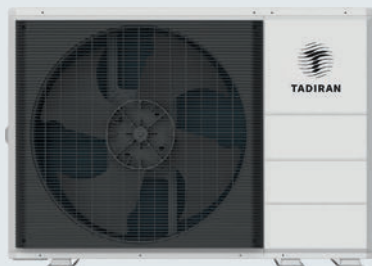
SINGLE-PHASE R290

TAD-ATW29M042IT

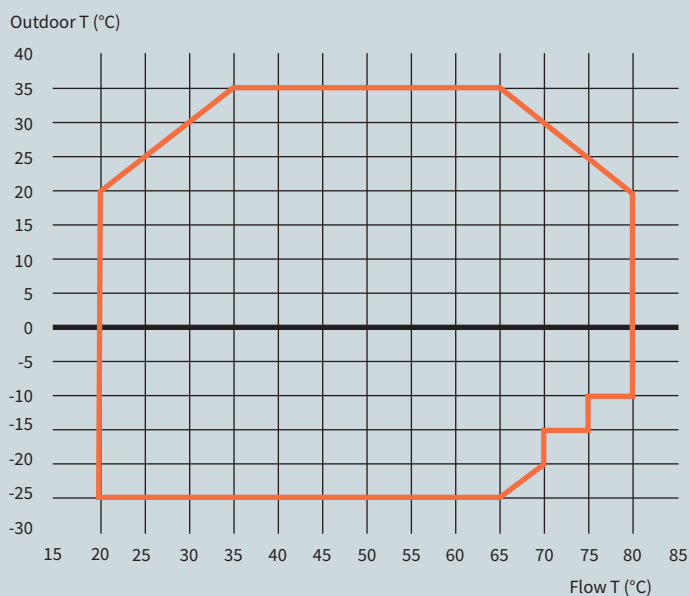
TAD-ATW29M062IT

TAD-ATW29M082IT

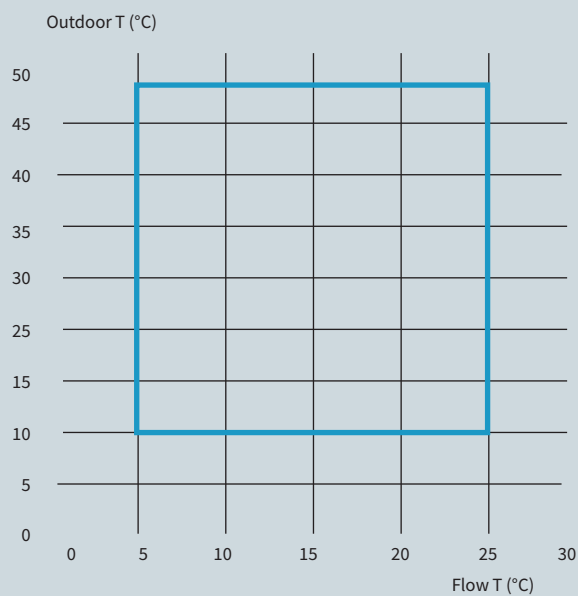
TAD-ATW29M102IT



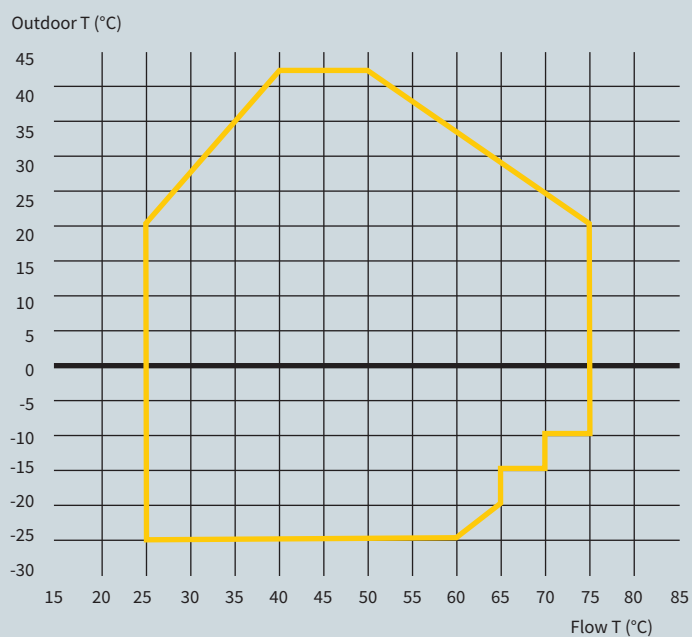
OPERATING LIMITS IN HEATING



OPERATING LIMITS IN COOLING



OPERATING LIMITS IN DOMESTIC HOT WATER

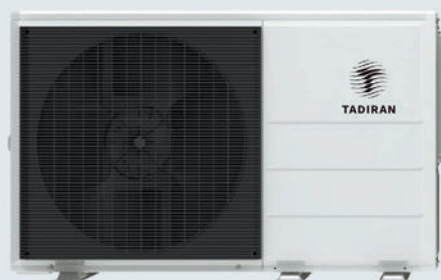


THREE-PHASE R290

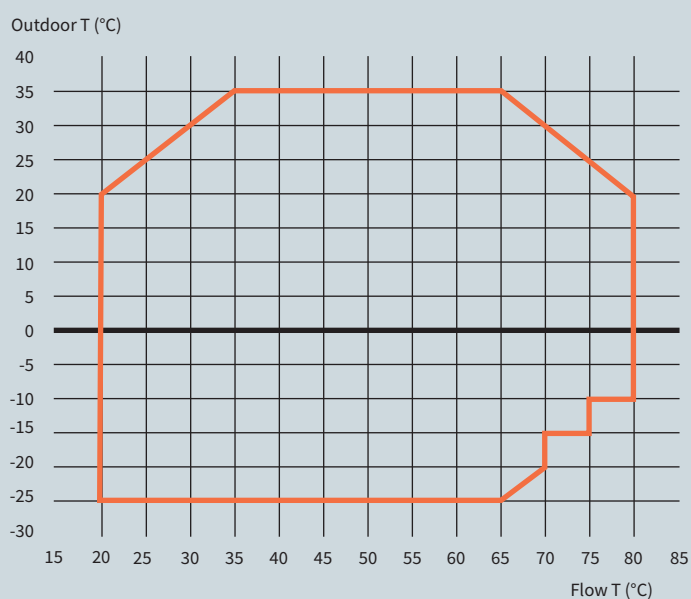
TAD-ATW29MT12IT

TAD-ATW29MT14IT

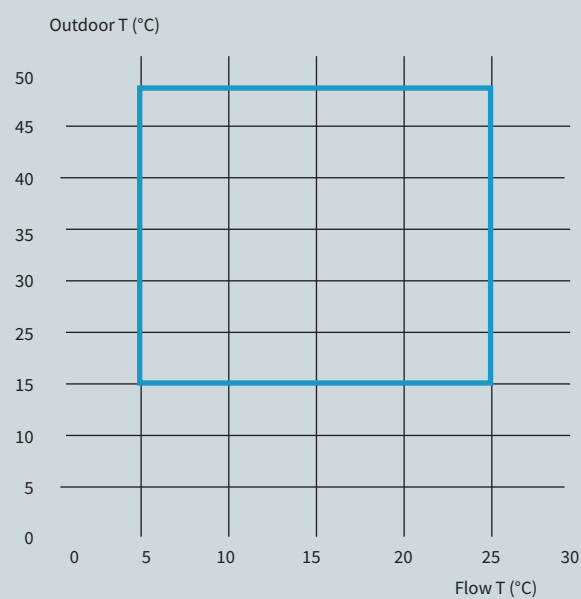
TAD-ATW29MT16IT



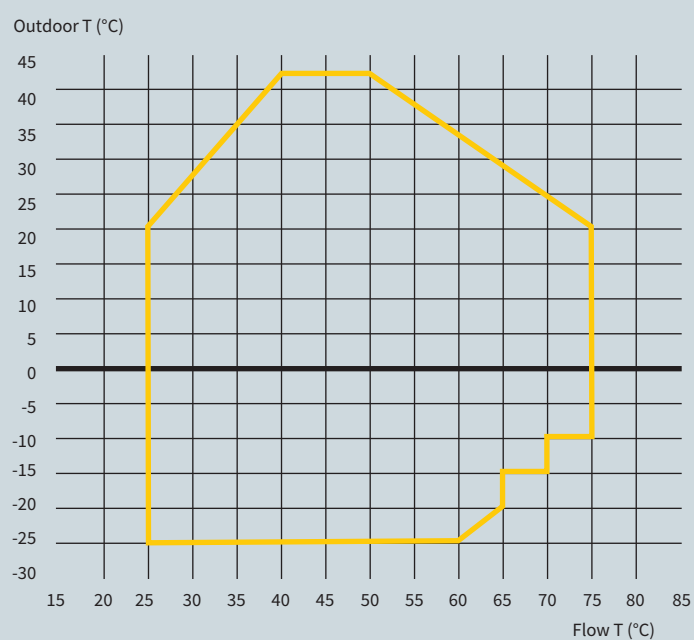
OPERATING LIMITS IN HEATING



OPERATING LIMITS IN COOLING



OPERATING LIMITS IN DOMESTIC HOT WATER

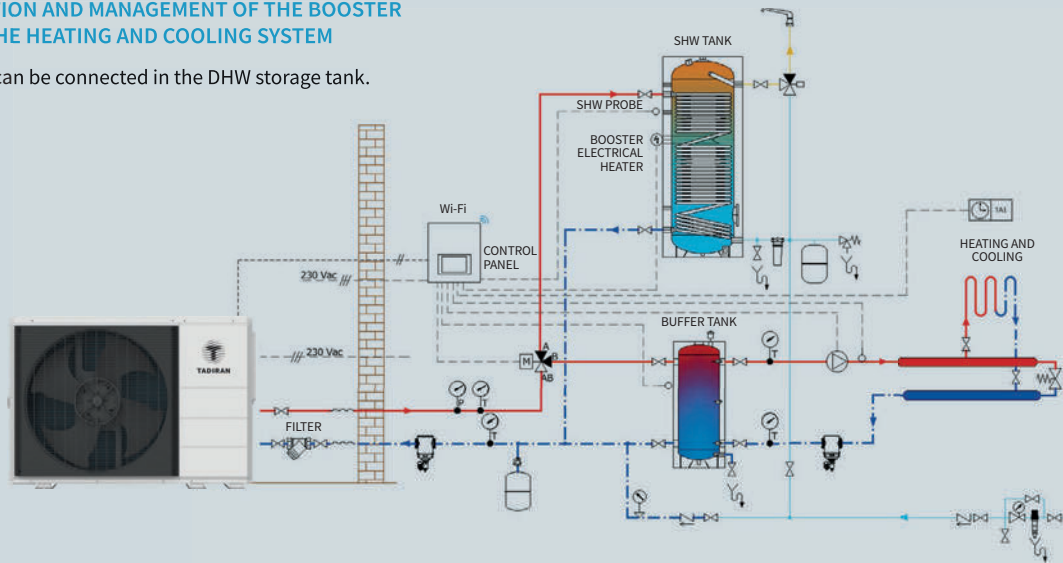


SYSTEM DIAGRAMS

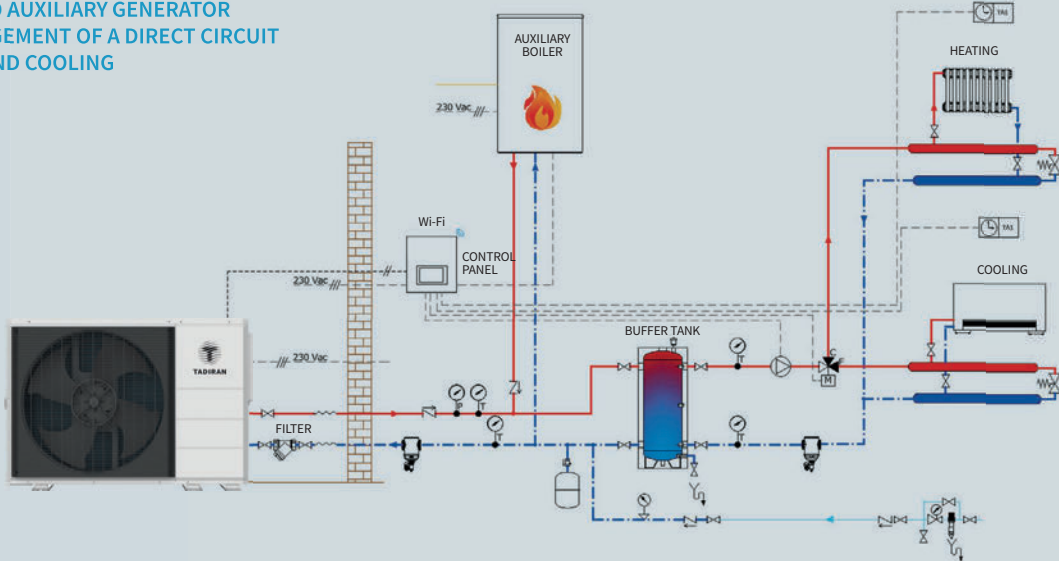
TAD-ATW29M042IT
TAD-ATW29M062IT
TAD-ATW29M082IT
TAD-ATW29M102IT

DHW PRODUCTION AND MANAGEMENT OF THE BOOSTER CIRCUIT FOR THE HEATING AND COOLING SYSTEM

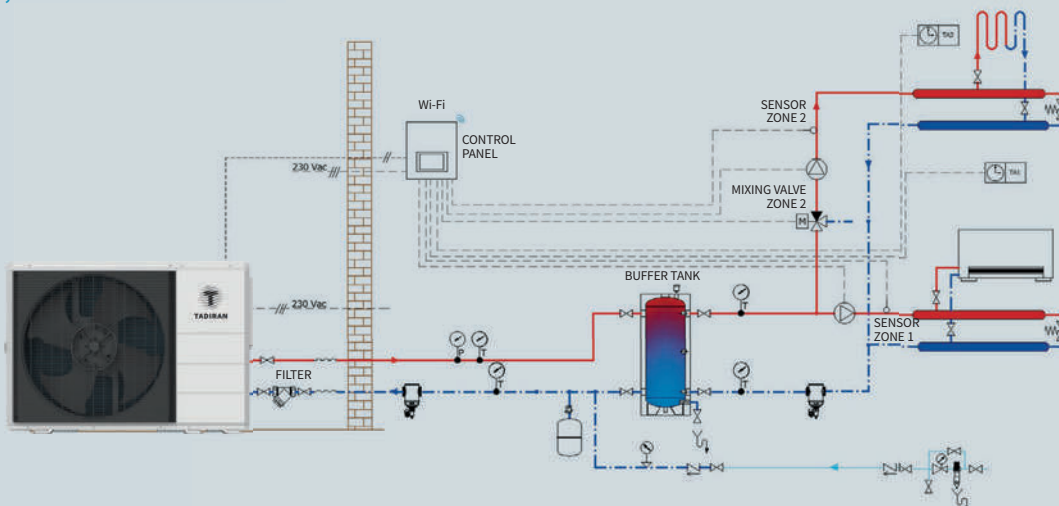
Up to 2 sensors can be connected in the DHW storage tank.



HEAT PUMP AND AUXILIARY GENERATOR FOR THE MANAGEMENT OF A DIRECT CIRCUIT FOR HEATING AND COOLING



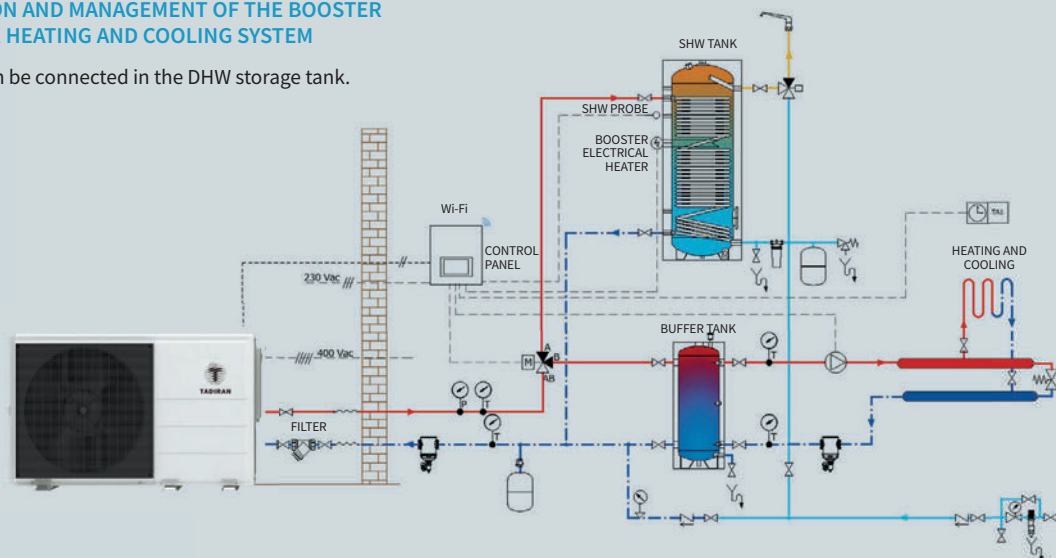
HEAT PUMP WITH TWO CIRCUITS, ONE MIXED AND ONE DIRECT, FOR HEATING AND COOLING



TAD-ATW29MT12IT
TAD-ATW29MT14IT
TAD-ATW29MT16IT

DHW PRODUCTION AND MANAGEMENT OF THE BOOSTER CIRCUIT FOR THE HEATING AND COOLING SYSTEM

Up to 2 sensors can be connected in the DHW storage tank.



HEAT PUMP AND AUXILIARY GENERATOR FOR THE MANAGEMENT OF A DIRECT CIRCUIT FOR HEATING AND COOLING

