



UNISPLIT-PLUS R32

Pompa di calore monoblocco R32 DCinverter per riscaldamento, raffreddamento e acqua calda sanitaria

R32 DCinverter monobloc heatpump for heating & cooling & Hot water

Specifications

Model		6	9	12	16	19
Power supply	V/Ph/H	220-240/1/50			220-240/1/50 or 380-400/3/50	
Heating A 7 °C W30/35 °C	Capacity	kW	6.21	8.9	12.0	16.3
	Rated input	kW	1.26	1.81	2.50	3.34
	COP		4.93	4.92	4.8	4.88
Heating A 7 °C W40/45 °C	Capacity	kW	5.91	8.46	11.29	15.31
	Rated input	kW	1.48	2.12	3.08	3.88
	COP		3.99	3.99	3.67	3.95
Heating A 7 °C W47/55 °C	Capacity	kW	5.63	8.06	10.75	14.58
	Rated input	kW	1.67	2.41	3.31	4.39
	COP		3.37	3.35	3.25	3.32
Cooling A 35 °C W28/18 °C	Capacity	kW	6.35	8.1	11.0	15.6
	Rated input	kW	1.6	2.08	3.12	4.3
	EER		3.97	3.89	3.53	3.63
Cooling A 35 °C W12/7 °C	Capacity	kW	4.9	5.9	8.1	11.4
	Rated input	kW	1.65	2	2.83	4
	EER		2.97	2.95	2.86	2.85
Seasonal space heating energy efficiency class	LWT at 35 °C	A+++	A+++	A+++	A+++	A+++
	LWT at 55 °C	A++	A++	A++	A++	A++
SCOP	LWT at 35 °C	4.51	4.51	4.69	4.45	4.45
	LWT at 55 °C	3.28	3.28	3.34	3.54	3.54
SEER	LWT at 7 °C	4.32	4.3	4.26	4.22	4.18
MOP (Maximum overcurrent protection)	A	14.8	14.8	16	Single phase 25 Tri-phase 8.1	Single phase 25 Tri-phase 8.1
Water pressure drop	kPa	45	45	40	40	40
Refrigerant system pressure (Max./Min.)		4.2/0.02				
Refrigerant	Type	R32	R32	R32	R32	R32
	Charged	kg	1.8	1.8	2.35	2.8
GWP value		675	675	675	675	675
Equivalent CO ₂	Ton	1.215	1.215	1.586	1.89	1.89
Water side heat-exchanger		Plate heat exchanger				
Sound power level (EN12102-1)	dB	46	46	50	52	52
Anti-UV cover		NO				
Water resistance		IPX4				
Water pipe connection	Inlet	mm	DN25(1")	DN25(1")	DN25(1")	DN25(1")
	Outlet	mm	DN25(1")	DN25(1")	DN25(1")	DN25(1")
Net/Gross weight	Net/Gross	kg	90/102	90/102	105/115	140/150
Dimension (LxHxD)	Net	mm	1115*710*425	1115*710*425	1115*960*425	1115*1280*425
	Packing	mm	1160*860*520	1160*860*520	1160*860*520	1160*1440*520
	Loading quantity (20GP/40GP)	sets	44/88	44/88	44/88	22/44
Operating temperature	Cooling	°C	-5 to 43			
	Heating	°C	-25 to 35			
	DHW	°C	-25 to 43			