

Specifications - MONOBLOCK¹:

			5 kW	9 kW	16 kW P3	22 kW P3	30 kW P3
Power supply	V/f/Hz		220-240/1/50		380-415/3/50	380-415/3/50	380-415/3/50
Capacity	Heating ² A7/W35	kW	6.50	10.00	16.00	22.00	30.10
Rated input		kW	1.23	2.13	3.56	5.00	7.70
COP			5.30	4.70	4.50	4.40	3.91
Capacity	Heating ³ A7/W55	kW	6.30	9.40	16.00	22.00	30.00
Rated input		kW	1.97	3.03	5.61	8.30	13.04
COP			3.20	3.10	2.85	2.65	2.30
Capacity	Cooling ⁴ A35/W18	kW	6.50	10.00	15.40	23.00	31.00
Rated input		kW	1.28	2.33	3.67	5.00	7.75
EER			5.10	4.30	4.20	4.60	4.00
Capacity	Cooling ⁵ A35/W7	kW	5.50	9.00	14.00	21.00	29.50
Rated input		kW	1.69	3.10	4.83	7.12	11.57
EER			3.25	2.90	2.90	2.95	2.55
Seasonal space heating energy efficiency class ⁶	Main flow 35°C		A+++		A+++	A+++	A++
	Main flow 55°C		A++		A++	A++	A+
SCOP ⁶	Main flow 35°C		5.12	5.12	4.84	4.53	4.20
	Main flow 55°C		3.59	3.71	3.59	3.23	3.15
ηs	Main flow 35°C		201.8	201.9	190.5	178	165
	Main flow 55°C		140.7	145.5	140.6	126	123
SEER ⁶	Main flow 7°C		5.09	5.08	5.14	4.70	4.49
	Main flow 18°C		7.81	8.31	7.54	5.67	5.71
Sound power level			60	65	72	73	77
Sound pressure level			48	53	59	59.8	63.5
Compressor	Type		Twin rotary DC inverter				
Outdoor fan	Air flow		3900	4500	5200	10650	11200
Water side heat exchanger type			Plate				
Water pump	Pump head	m	9.0		9.0	12	12
Expansion vessel	Volume	l	5.0		5.0	8.0	8.0
Net dimensions (WxHxD)	mm		865x1040x410		865x1040x410	1129x1558x440	1129x1558x440
Packed dimensions (WxHxD)	mm		970x1190x560		970x1190x560	1220x1735x565	1220x1735x565
Net/Gross weight	kg		87/103	87/103	120/136	177/206	177/206
Piping connections (water)	R		1"		5/4"	5/4"	5/4"
Safety valve set pressure (water)	bar		3				
Operating temperature range	Cooling	°C	-5 to 43		-5 to 43	-5 to 46	-5 to 46
	Heating	°C	-25 to 35		-25 to 35	-25 to 35	-25 to 35
	DHW	°C	-25 to 43		-25 to 43	-25 to 43	-25 to 43
Main flow temperature range	Cooling	°C	5 to 25		5 to 25	5 to 25	5 to 25
	Heating	°C	25 to 65		25 to 65	25 to 60	25 to 60
	DHW	°C	20 to 60		20 to 60	30 to 60	30 to 60
Refrigerant	Type / GWP	°C	R32 / 675				
	Factory charge	kg	1.25	1.25	1.8	5.0	5.0
Backup electric heater	Standard mounted	kW	-	-	-	-	-
	Optional	kW	2/4	2/4	2/4	2/4	2/4
	Capacity steps		1	1	1	1	1

1. EU standards: EN14511: 2016; EN14825: 2016; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01.
2. Outdoor air temperature 7°C, 85% R.H.; water temperature main flow/return 35/30°C.

3. Outdoor air temperature 7°C, 85% R.H.; water temperature main flow/return 55/47°C.
4. Outdoor air temperature 35°C; water temperature main flow/return 18/23°C.
5. Outdoor air temperature 35°C; water temperature main flow/return 7/12°C.
6. Seasonal space heating energy efficiency class tested in average climate conditions.



SPLIT 4-16kW (with hydronic box)¹:

Specifications - SPLIT:			6 kW	10 kW	16 kW P3	
Power supply	V/f/Hz		220-240/1/50		380-415/3/50	
Capacity	Heating ² A7/W35	kW	6.20	10.00	16.00	
Rated input		kW	1.24	2.00	3.56	
COP			5.00	5.00	4.50	
Capacity	Heating ³ A7/W55	kW	6.00	9.50	16.00	
Rated input		kW	2.00	3.06	5.52	
COP			3.00	3.10	2.90	
Capacity	Cooling ⁴ A35/W18	kW	6.55	10.00	14.90	
Rated input		kW	1.34	2.08	4.38	
EER			4.90	4.80	3.40	
Capacity	Cooling ⁵ A35/W7	kW	7.00	8.20	14.00	
Rated input		kW	2.33	2.48	5.71	
EER			3.00	3.30	2.45	
Seasonal space heating energy efficiency class ⁶	Main flow 35°C		A+++	A+++	A+++	
	Main flow 55°C		A++	A++	A++	
SCOP ⁶	Main flow 35°C		4.95	5.20	4.62	
	Main flow 55°C		3.52	3.47	3.41	
ηs	Main flow 35°C		195	205	182	
	Main flow 55°C		138	137	133	
SEER ⁶	Main flow 7°C		5.34	5.98	4.67	
Maximum overcurrent protection (MOP)			18	19	14	
Minimum circuit ampacity (MCA)	A		14	17	12	
Sound power level	A		58	60	68	
Compressor	Type		Twin rotary DC inverter			
Outdoor fan	Air flow	m ³ /h	2770	4030	4650	
Net dimension (WxHxD)	mm		1008x712x426	1118x865x523	1118x865x523	
Packed dimension (WxHxD)	mm		1065x800x485	1180x890x560	1180x890x560	
Net/Gross weight	kg		58/64	77/88	112/125	
Operating temperature range	Cooling	°C	-5 to 43	-5 to 43	-5 to 43	
	Heating	°C	-25 to 35	-25 to 35	-25 to 35	
	DHW	°C	-25 to 43	-25 to 43	-25 to 43	
Refrigerant	Type		R32	R32	R32	
	Factory charge	kg	1.50	1.65	1.84	
Piping connections	Type		Flare			
	Liquid phase	mm	∅ 6.35	∅ 9.52	∅ 9.52	
	Gas phase	mm	∅ 15.9			
	Min. pipe length	m	2			
	Max. pipe length	m	30	30	30	
Installation height difference	Outdoor unit above	m	20	20	20	
	Outdoor unit below	m	20	20	20	
Hydronic box:			6 kW	10 kW	16 kW	
Compatible outdoor unit model			6	10	16	
Power supply	V/Ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50 / 380-415/3/50 ⁷	
Sound power level	dB(A)		38	42	43	
Dimensions (WxHxD)	mm		420x790x270	420x790x270	420x790x270	
Net/Gross weight	kg		37/43	37/43	39/45	
Water circuit	Piping connections	R	1"	1"	1"	
	Safety valve	bar	3.0	3.0	3.0	
	Internal water volume	l	5.0	5.0	5.0	
	Drainage	mm	∅25	∅25	∅25	
	Expansion vessel	l	8.0	8.0	8.0	
	Water side heat exchanger	Type		Plate	Plate	Plate
	Water pump head	m		9.0	9.0	9.0
Water flow range	m ³ /h		0.4~1.25	0.4~2.10	0.7~3.00	
Refrigerant circuit	Liquid phase	mm	∅ 6.35	∅ 9.52	∅ 9.52	
	Gas phase	mm	∅ 15.9	∅ 15.9	∅ 15.9	
Backup electric heater	Standard mounted	kW	3	3	9	
	Optional	kW	2/4	2/4	2/4	
	Capacity steps		1	1	1	
Main flow temperature range	Cooling	°C	5 to 25			
	Heating	°C	25 to 65			
	DHW	°C	30 to 60			
Room temperature range	°C		5 to 35			

1. EU standards: EN14511: 2016; EN14825: 2016; EN50564: 2011; En12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2. Outdoor air temperature 7°C, 85% R.H.; water temperature main flow/return 35/30°C. 3. Outdoor air temperature 7°C, 85% R.H.; water temperature main flow/return 55/47°C. 4. Outdoor air temperature 35°C; water temperature main flow/return 18/23°C. 5. Outdoor air temperature 35°C; water temperature main flow/return 7/12°C. 6. Seasonal space heating energy efficiency class tested in average climate conditions. 7. If a 9 kW heater is used.

Specifications R290 (6 - 16 kW)

Model			6 kW	10 kW	16 kW
Power supply		V/Hz	220-240V-50Hz	220-240V-50Hz	380-415V-3N-50Hz
Heating A7/W35	Capacity	W	6200	10000	15000
	Rated input	W	1265	2128	3409
	COP		4.90	4.70	4.40
Heating A7/W45	Capacity	W	6400	10000	15000
	Rated input	W	1684	2740	4478
	COP		3.80	3.65	3.35
Heating A7/W55	Capacity	W	6200	9500	15000
	Rated input	W	2000	3115	5263
	COP		3.10	3.05	2.85
Heating A2/W35	Capacity	W	5600	8200	12800
	Rated input	W	1436	2247	4000
	COP		3.90	3.65	3.20
Heating A-7/W35	Capacity	W	5900	8000	12700
	Rated input	W	2000	2807	5080
	COP		2.95	2.85	2.50
Cooling A35/W18	Capacity	W	6500	10000	16000
	Rated input	W	1275	2105	4103
	EER		5.10	4.75	3.90
Cooling A35/W7	Capacity	W	6800	8900	14000
	Rated input	W	2194	2738	5091
	EER		3.10	3.25	2.75
SCOP	Average climate, W35			A+++	
	Average climate, W55			A++	
ErP sound power level		dB	58	61	69
Refrigerant	Type (GWP)		R290(3)		
	Charged volume	g	700	1100	1250
Unit dimension (W×H×D)		mm	1299×717×426	1385×865×523	1385×865×523
Packing dimension (W×H×D)		mm	1375×885×475	1465×1035×560	1465×1035×560
Net weight		kg	90	117	137
Gross weight		kg	110	139	159
Water side Connection dimension			G1"BSP	G1 1/4"BSP	G1 1/4"BSP
Outdoor air temperature range	Cooling	°C	-5~46		
	Heating	°C	-25~35		
	DHW	°C	-25~46		
Water setting temperature range	Cooling	°C	5~25		
	Heating	°C	25~75		
	DHW	°C	20~70		
Electric heater	Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50
	Capacity	kW	3	3	9

Note:
The above data test reference standard EN14511; EN14825; EN50564;EN 12102; (EU) No:811

Specifications (26 - 40 kW)

Model			26 kW	30 kW	35 kW	40 kW
Power supply		V/Hz	380-415/3/50			
Heating A7/W35	Capacity	W	26000	30000	35000	39000
	Rated input	W	5450	6670	8400	9750
	COP		4,77	4,50	4,17	4,00
Heating A7/W45	Capacity	W	26000	30000	35000	39000
	Rated input	W	6820	8260	10050	11900
	COP		3,81	3,36	3,48	3,28
Heating A7/W55	Capacity	W	26000	30000	35000	39000
	Rated input	W	7850	9570	11750	14000
	COP		3,31	3,13	2,98	2,79
Heating A2/W35	Capacity	W	23500	26800	30400	30400
	Rated input	W	6350	7620	9520	9520
	COP		3,70	3,52	3,19	3,19
Heating A-7/W35	Capacity	W	21000	24000	28200	28200
	Rated input	W	6930	8380	11100	11100
	COP		3,03	2,86	2,54	2,54
Cooling A35/W18	Capacity	W	26000	30000	35000	39000
	Rated input	W	5600	6800	8500	9850
	EER		4,64	4,41	4,12	3,96
Cooling A35/W7	Capacity	W	26000	30000	32000	32000
	Rated input	W	8400	10700	11980	11980
	EER		3,10	2,80	2,67	2,67
SCOP	Average climate, W35		4,95	4,92	4,48	3,84
	Average climate, W55		3,84	3,79	3,63	3,00
SEER	Leaving wat. temp. 7°C		5,21	4,99	4,82	4,82
	Leaving wat. temp. 18°C		7,17	6,8	6,43	6,22
ErP sound power level		dB	69	74	75	76
Refrigerant	Type (GWP)		R290			
	Charged volume	g	2900			
Unit dimension (W×H×D))		mm	1384x1816x523			
Net weight		kg	260			
Water side Connection dimension			G 1 1/4" BSP (DN 32)			
Outdoor air temperature range	Cooling	°C	-15 ~ 48			
	Heating	°C	-25 ~ 43			
	DHW	°C	-25 ~ 43			
Raspon radnih temperatura vode	Cooling	°C	5 ~ 25			
	Heating	°C	25 ~ 85			
	DHW	°C	20 ~ 75			
Razred energetske učinkovitosti	Leaving wat. temp. 35°C		A+++	A+++	A+++	A++
	PLeaving wat. temp. 55°C		A+++	A++	A++	A++

Bilješka:
EU standardi: EN14511; EN14825; EN50564; EN 12102; (EU) No:811