



Nofenta R290 Warmtepomp specificatie

Model:			Inverter 3HT	Inverter 6HT	Inverter 9HT	Inverter 9HT-T	Inverter 12HT-T	Inverter 16HT-T
Heating Capacity Range		kW	1.0-3.3	1.5-7	2-10	2-10	3-13	4-18
Heating (A7/6°C,W30/35°C)	Heating Capacity	kW	3,01	6,2	9,2	9,2	12,1	16,2
	Power Input	kW	0,67	1,36	2,02	2,02	2,66	3,56
	Current	A	2,97	5,91	8,83	3,61	4,41	5,89
	COP	W/W	4,5	4,56	4,55	4,55	4,55	4,55
Heating (A-7/-6°C,W30/35°C)	Heating Capacity	kW	2,5	6,17	8,34	8,34	10,97	15,01
	Power Input	kW	0,84	2,22	2,89	2,89	3,71	5,19
	COP	W/W	2,98	2,78	2,89	2,89	2,96	2,89
Heating (A7/6°C,W40/45°C)	Heating Capacity	kW	2,95	6,12	9,08	9,08	12,03	16,03
	Power Input	kW	0,84	1,71	2,51	2,51	3,30	4,98
	COP	W/W	3,5	3,58	3,62	3,62	3,65	3,22
Heating (A7/6°C,W47/55°C)	Heating Capacity	kW	2,81	6,1	9,10	9,10	12,10	16,10
	Power Input	kW	1	2,07	3,06	3,06	4,05	5,43
	COP	W/W	2,8	2,95	2,97	2,97	2,99	2,97
Cooling (A35/24°C,W23/18°C)	Cooling Capacity	kW	3	6,3	9,02	9,02	11,30	15,20
	Power Input	kW	0,79	1,62	2,33	2,33	2,91	3,98
	EER	W/W	3,8	3,89	3,87	3,87	3,88	3,82
Cooling (A35/24°C,W12/7°C)	Cooling Capacity	kW	2,5	6,2	8,60	8,60	10,60	15,05
	Power Input	kW	0,93	2,1	2,92	2,92	3,58	5,26
	EER	W/W	2,7	2,95	2,95	2,95	2,96	2,86
Rated water flow		m ³ /h	0,5	1,1	1,6	1,6	2,08	2,8
Rated voltage /Frequency		V/Hz	220~240/50	220~240/50	220~240/50	380~415/50	380~415/50	380~415/50
Maximum input power		kW	1	2,20	3,50	3,50	4,70	6,50
Maximum input current		A	4,4	12,0	15,0	6,26	8,0	11,0
Brand/Type of Compressor		/	GMCC	GMCC/Rotary	GMCC/Rotary	GMCC/Rotary	GMCC/Rotary	GMCC/Rotary
Refrigerant		/	R290	R290	R290	R290	R290	R290
Air flow		m ³ /h	1200	3500	4000	4000	4500	8000
Brand of Water pump			Welling	Grundfos	Grundfos	Grundfos	Grundfos	Grundfos
Defrost		/	4 way valve	4 way valve	4 way valve	4 way valve	4 way valve	4 way valve
Waterproof grade		/	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Noise pressure (at 1m/5m)		dB(A)	50/36	51/37	53/39	53/39	54/40	56/42
Max water outlet temperature		°C	75	75	75	75	75	75
Diameter of water connection		/	DN20 (G3/4")	DN 25 (G1")	DN 25 (G1")	DN 25 (G1")	DN 25 (G1")	DN 25 (G1")
Drainage valve		mm	DN15	DN15	DN15	DN15	DN15	DN15
Internal pressure drop at rating water flow		kPa	20	22	40	40	50	50
Min/Max heating water pressure (Safety valve 3Bar)		bar	0.5/3.0	0.5/3.0	0.5/3.0	0.5/3.0	0.5/3.0	0.5/3.0
Fuse (PCB)		A	10	15	15	15	15	15
Min/Max outdoor air (heating mode)		°C	-25/45	-25/45	-25/45	-25/45	-25/45	-25/45
Min/Max outdoor air (cooling mode)		°C	15/45	15/45	15/45	15/45	15/45	15/45
Net Weight		kg	38	70	80	80	90	160
Net Dimensions (L/W/H)		mm	600/390/423	976/450/688	1106/450/835	1106/450/835	1106/450/835	1106/450/1603
Package Dimensions (L/W/H)		mm	652/457/490	1100/455/780	1150/455/913	1150/455/913	1150/455/913	1150/455/1671