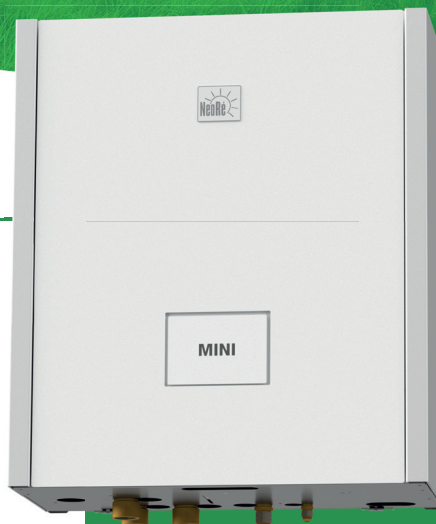


HEAT PUMP NeoRé TG MINI



OPERATION INDICATOR LIGHT



EQUITHERMAL REGULATION



SMART REMOTE CONTROL

HEAT PUMPS WHICH
ARE DESIGNED FOR FAMILY
HOUSES HEATING AND
DOMESTIC HOT WATER
HEATING

OPTIONAL EQUIPMENT

- DHW heating set
- outdoor unit console
- Neota Route service connection
- graphic touch screen



POWER 5-16 KW



ECOLOGICAL REFRIGERANT R32



HEATING AND
COOLING



LOW NOISE FROM 36 DB



STANDARD EQUIPMENT

- comprehensive regulation by Foxtrot
- sensor for pressure monitoring
- circulator with speed control and lower noise up to 6 dB
- calorimeter
- equithermal regulation
- floor drying program
- build-in web server for remote control
- cloud access

NAME OF THE SERIES			COMFORT SERIES				HIGH POWER SERIES			
Type			NeoRé 5 TG MINI	NeoRé 8 TG MINI	NeoRé 11 TG MINI	NeoRé 14 TG MINI	NeoRé 8 TG MINI HP	NeoRé 11 TG MINI HP	NeoRé 14 TG MINI HP	NeoRé 16 TG MINI HP
Rated power	Low temperature (35°C)	kW	5	6	7	9	6	9	11	13
	Intermediate temp.(55°C)	kW	4	5	6	6	5	8	10	11
Bivalent temperature	Low temperature	°C	-7							
	Intermediate temp.	°C	-7							
Seasonal Energy Efficiency (Eu 811,813/2013)	Low temperature	%	174	176	175	173	194	192	186	184
	Intermediate temp.	%	121	124	123	120	133	134	127	124
	Class Low temperature		A++	A+++	A++	A++	A+++	A+++	A+++	A+++
	Class Intermediate temperature		A+	A+	A+	A+	A++	A++	A++	A+
Seasonal Coefficient of Performance SCOP	Class Low temperature		4,42	4,48	4,45	4,39	4,92	4,88	4,71	4,67
	Class Intermediate temperature		3,09	3,16	3,14	3,07	3,4	3,42	3,26	3,18
+2°C / +35°C (EN 14511)	Power*	kW	4,5	7,5	10	13	8	10	13	16
	COP**		3,65	3,7	3,65	3,55	4,07	4,15	3,95	3,8
Annual energy consumption	Low temperature	kWh	2102	2813	3361	4241	2466	3809	4821	5747
	Intermediate temp.	kWh	2339	3321	3714	4214	2921	4831	6337	7157
Cooling power	+40°C / +15°C	kW	3,9	6,33	9,47	11,46	7,1	10	11,5	13
EER			3,9	3,9	3,56	3,31	5,18	5,26	5	4,3

INDOOR UNIT

Bivalent source	Power	kW	external							
Indoor unit noise (acoustic power)		dB(A)	32,5 dB							
Indoor unit dimensions	H x W x D	cm	65 x 57 x 30							
Indoor unit weight		kg	41 netto							
Condensation exchanger			stainless steel - soldered							
Max. height of water column		m	18							
Overpressure relief		MPa	0,25							
Heating circuit connection			G1" inner thread							
Pumping power	(indoor unit)	m	6,8							
Nominal flow rate of heating w.		l/h	850	950	1360	2400	950	1360	2400	2700
Circulation pump			ErP nízkoenergetické							
Lead protection	A		1x20	1x20	1x25	1x25	1x20	1x25	1x25	3x16

OUTDOOR UNIT

Outdoor unit voltage			1f 230V							3f 400V	
Electric current	Max.	A	13,1	17,5	18,5	20	17,5	18,5	20	10,5	
Fan engine			DC - variable revs								
Outdoor unit noise (acoustic pressure - 5m distance***)		dB(A)	38	38	40	40	36	38	38	39	
Outdoor unit dimensions	H x W x D	cm	63x87x30	89x90x32	89x90x32	89x90x32	105x101x37	155x101x37	155x101x37	134x90x32	
Outdoor unit weight	(netto)	kg	45	68	68	68	74	104	104	95	
Refrigerant			R32 (GWP=675)								
Refrigerant weight		kg	1,35	2,1	2,1	2,1	1,9	3,1	3,1	3,1	
Connection pipes	Diameter	Fluid	mm	ø 6,4							
		Gas	mm	ø 12,7							
	Lenght (without filling)	Min. / Max.	m	5/25	5/25	5/25	5/25	3/30	3/40	3/40	3/40
		Max.	m	30	30	30	30	30	30	30	30
Height difference	Max.	m	10	10	10	10	10	10	10	10	
Operational conditions		°C	-15 ~ 24				-27 ~ 24				
Max. temperature of heating water		°C	55				60				
Min. temperature of heating water		°C	20								
Compressor			DC - inverter (with variable revs)								
Regulation of cooling circle			electronic expansion valve								
Evaporator			Al-Cu vertical								
Air flow		m³/hod	2250	4080	4080	4200	3180	6180			
Defrosting			by hot gas thru reverse valve								
Limits for relative humidity			15-95%								

* 100% compressor power | ** Value is measured according to standard ČSN14511, 45% compressor power. (Measuring includes defrosting and total consumption of the technology of heat pump).

*** Measured according to EN12102-1 at 5m, direction coefficient 2

Values of seasonal energy are determine for average temperature band.