

BRUKSANVISNING INSTRUCTION MANUAL

LISTOVN 600W/800W/1000W



220-240V~ 50-60Hz IP24

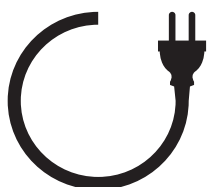


Listovn med moderne design, passer i de fleste miljøer.
Elektronisk termostat med spareprogram. Lysende LCD display øverst på ovnen for enkel betjening.

Leveres med veggfeste. Kun til innendørs bruk.

List heater in modern design, suitable for most environments.
Electronic thermostat with program setting. Bright LCD display placed at the top of the heater for easy operation.

Delivered with wall bracket. Indoor use only.



Effekt: 600W/800W/1000W
Spennings: 220-240V ~ 50-60Hz
Tetthetsgrad: IP24
Elektronisk LCD display og termostat.
Inkludert 1,6 m. kabel og støpsel.

Effect: 600W/800W/1000W
Operating voltage: 220-240V ~ 50-60Hz
IP Rating: IP24
Electronic LCD display and thermostat.
Included 1.6 m cable and plug.

MONTERING AV OVNE / ASSEMBLY OF THE HEATER

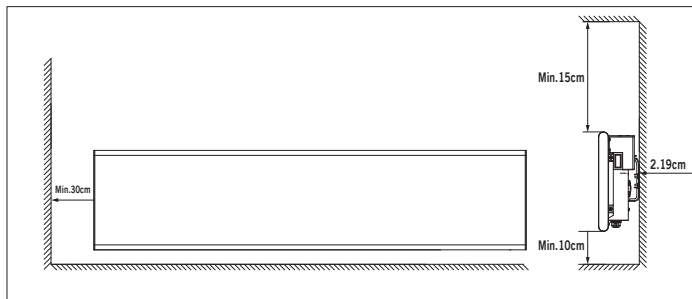
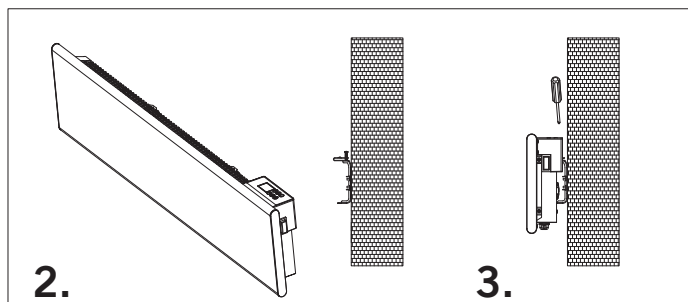
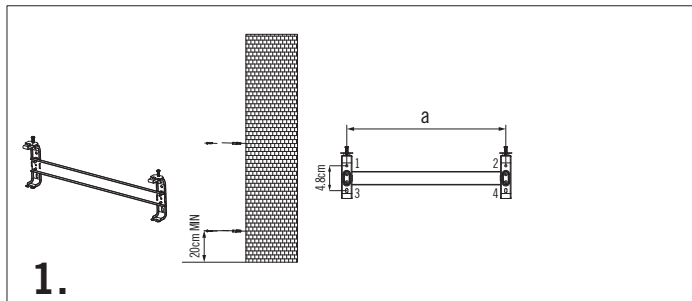
Panelovnen **må** monteres minimum 10 cm over gulvet.

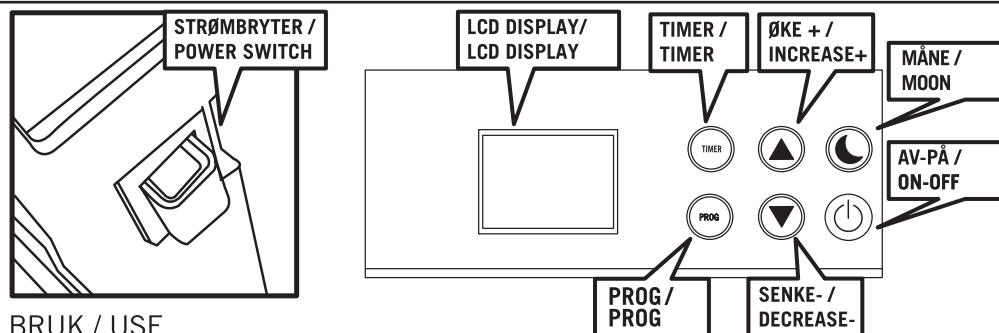
- 1) Bor hull i veggen. Avstand mellom hull: Se skema (a).
- 2) Skru fast festet på veggen.
- 3) Press ovnen på festet og skru fast.

The heater **must** be installed at least 10 cm above the floor.

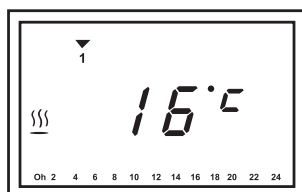
- 1) Drill holes in the wall. Distance between holes: See the form (a).
- 2) Attach the clips onto the wall.
- 3) Push the heater into the clips and use screws to tighten the clips.

	a
600W	32cm
800W	60cm
1000W	60cm

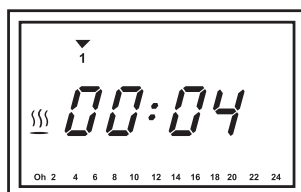




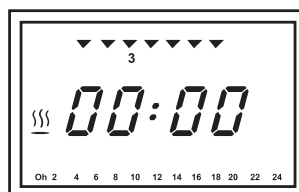
BRUK / USE



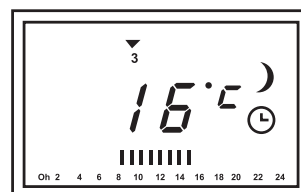
(FIG.1)



(FIG.2)



(FIG.3)



(FIG.4)

BRUK UTEN PROGRAM

1. Slå på "STRØMBRYTER", displayet vil vise temperatur og dagsymbol (FIG. 1).
2. Trykk på "AV/PÅ", ovnen vil være i standby-modus. Trykk på "AV/PÅ" igjen, ovnen vil begynne å varme og varmesymbolet vil vises.
3. Trykk "+" eller "-" for å stille inn ønsket temperatur. Temperaturen kan justeres mellom 5°C ~ 35°C. Fabrikkinnstilling er 20°C.

BRUK MED UKENTLIG PROGRAM

1. Slå på "STRØMBRYTER", displayet vil vise temperatur og dagsymbol (FIG. 1).
 2. Trykk på "AV/PÅ", ovnen vil være i standby-modus. Trykk på "AV/PÅ" igjen, ovnen vil begynne å varme og varmesymbolet vil vises.
 3. Trykk "PROG" for å stille inn dag-/klokkeinnstilling (FIG.2). Trykk på "PROG", dagen i uken vil blinke , 1 er mandag - 7 er søndag. Trykk "+" eller "-" for å stille inn gjeldende dag. Trykk på "PROG" igjen, tiden på dagen blinker, trykk "+" eller "-" for å stille inn gjeldende tid. Trykk "PROG" for å avslutte dag-/klokkeinnstilling.
 4. Trykk "PROG" i 3 sekunder under arbeidsmodus, displayet viser den ukentlige programinnstillingen (FIG.3)
 5. Trykk "+" eller "-" for å velge dagen du vil sette programmet, dagsymbolet blinker for den relevante dagen.
 6. Trykk på "PROG" igjen, klokkeslett symbolet blinker, trykk "+" eller "-" for å velge de timene du vil stille inn programmet. 07:16 betyr 07:00 til 16:00. Det vil bli angitt som streker over de timene på døgnet som er satt, se (FIG. 4).
 7. Trykk på "PROG" igjen, temperaturen blinker, trykk "+" eller "-" for å velge temperaturen du vil stille inn i programmet. 25:17 betyr 25°C i arbeidstiden du har satt, 17°C utenfor arbeidstiden du har satt.
 8. Trykk på "PROG", dagsymbolet blinker, for å fortsette til de øvrige dagene i uken du vil angi et spareprogram. Trykke på "MÅNE" -tasten for å velge standardinnstilling for timene du ikke har programmert. Standard innstillinger 15°C.
 9. Trykk på "TIMER" -tasten etter programinnstilling, ovnen starter da den ukentlige programmeringsmodusen (FIG.4), klokkesymbolet vil vises på displayet.
- MERK: Hvis ovnen skal fungere med riktig tidssyklus, må du sette klokkeinnstillingen før programinnstillingen.

USE WITHOUT PROGRAM

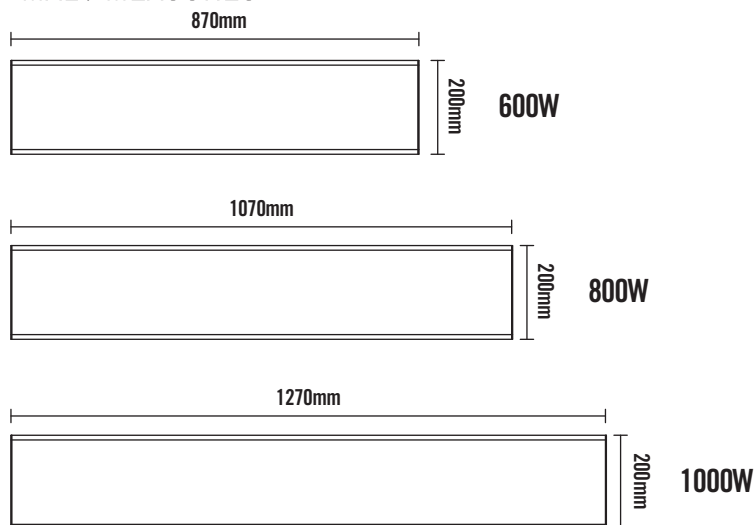
1. Turn on the "POWER SWITCH", the display will show the temperature and day symbol (FIG. 1).
2. Press "ON/OFF", the heater will be in standby mode. Press "ON/OFF" again to start heating, and the heating symbol will appear.
3. Press "+" or "-" to set the temperature you want. The temperature can be adjusted between 5°C~35°C. Factory default setting is 20°C.

USE WITH WEEKLY PROGRAM

1. Turn on the "POWER SWITCH", the display will show the temperature and day symbol (FIG. 1).
 2. Press "ON/OFF", the heater will be in standby mode. Press "ON/OFF" again to start heating, and the heating symbol will appear.
 3. Press "PROG", to adjust the day and clock setting (FIG.2). Press "PROG" the day symbol will blink, press "+" or "-" to set the day of the week, 1 is Monday - 7 is Sunday. Press "PROG" again and the time will blink, press "+" or "-" to set the time of the day. Press "PROG" when finished to end the clock setting.
- NOTE: If you don't press any key during the process, the blinking will be stopped in 10seconds. The heater will work in the wrong program period.
4. Press "PROG" for 3 seconds under working mode, the display will show the weekly program setting (FIG.3).
 5. Press "+" or "-" to choose the day you want to set the program, the day symbol will blink for the relevant day.
 6. Press "PROG" again and the hour will blink, press "+" or "-" to choose the hours you want to set the program, 7:16 means 7am to 4pm. The time zone symbol will appear. (FIG.4)
 7. Press "PROG" again and the temperature will blink, press "+" or "-" to choose the temperature you want to set the program, 25:17 means 25°C in the program period and 17°C outside the program period.
 8. Press "PROG" and the day symbol will blink, to continue the rest of the days in the week you want to set the program. Press "MOON" to choose default setting temperature for the hours you have not programmed, default setting temperature is 15°C.
 9. Press "TIMER" button after program setting, the heater will directly start the weekly program working mode (FIG.4), the clock symbol will appear on the display.
- NOTE: The time setting should be done before the program setting, so the heater can work under correct program period.

Åpentvinduminne Window open remind	I tilfelle et vindu åpnes i rommet, har ovnen en åpen vindu minnefunksjon. Hvis temperaturen faller med mer enn 5°C innen 10 minutter, vil termostaten pipe 3 ganger. In case of a window is open in the room, the heater has a window opening remind function. If the temperature drops more than 5°C within 10 minutes, the buzzer will ring 3 time .
Strømbruddpåminnelse Power cut remind	Ved et strømbrudd begynner termostaten å pipe 10 ganger hvert 30 minutt, noe som indikerer at det har vært et strømbrudd. Trykk på hvilken som helst knapp på termostaten for å stoppe varslingen. Trykk på "PROG" for å starte klokkeinnstillingen på nytt med gjeldende tid og trykk "TIMER". Ovnen vil da starte samme program som før strømbruddet. Merk: Ovnen har minnefunksjon, brukeren bør alltid sjekke klokkeinnstillingen med gjeldende tid når det har vært et strømbrudd, ellers vil ovnen fungere i samme program, men til feil tid. In case of a power outage, the buzzer will start to ring 10 times every 30 minutes indicating that a power outage has occurred. Press any key on the thermostat to stop the ringing. Press "PROG" to start the clock setting with current time and press "TIMER", the heater will start the same program setting as before power outage . Note: The heater has a memory function, user should always re-check the clock setting with current time when there is power outage occurred, otherwise, the heater will work in the same program, but wrong time.
Barnesikring Child Lock	Termostaten kan låses ved å holde inne både "+" og "-" knappene i 3 sekunder. Gjenta samme fremgangsmåte for å låse opp termostaten igjen. The thermostat could be locked by holding down both "+" and "-" buttons for 3 seconds. Repeat the same procedure to unlock the thermostat again.
Tilbakestill termostaten til standardinnstillingen Reset the thermostat to default setting	Trykk på "AV/PÅ" i 5 sekunder, ovnen vil gå tilbake til standardinnstillingen. Press "ON/OFF" for 5 seconds, the heater will revert to default setting.
Informasjon første gangs bruk Information for first time use	Ovnen bør settes på maksimal temperatur 30 minutter for å brenne elementet rent. Noe lukt kan oppstå når dette gjøres. The heater should be set to maximal temperature for 30 minutes to burn the element clean. Some smell may occur.

MÅL / MEASURES



**MÅ IKKE TILDEKKES/
DO NOT COVER**

SIKKERHET / SAFETY

Må ikke tildekkes, ovnens overflate kan bli svært varm og må plasseres i trygg avstand fra brennbart materiale. Koble fra strømmen ved vedlikehold. Ved bruk av skjøteledning må den være kortest mulig og være utstrakt når ovnen er på.

Do not cover the heater surface, the heater can become very hot and must be placed at a safe distance from flammable material. Disconnect power during maintenance. If using an extension cord it must be as short as possible and be extended when the oven is on.

Information requirment for the electric local space heaters

Model identifier(s): 5401367 / PN20-600					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	P _{nom}	0.5-0.6	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	P _{min}	0.50	kW	manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	P _{max,c}	0.60	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electricity consumption				fan assisted heat output	No
At nominal heat output	e _{lmax}	N/A	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	e _{lmin}	N/A	kW	single stage heat output and no room temperature control	No
In standby mode	e _{lSB}	0.00016	kW	Two or more manual stages, no room temperature control	No
				with mechanic thermostat room temperature control	No
				with electronic room temperature control	No
				electronic room temperature control plus day timer	No
				electronic room temperature control plus week timer	Yes
				Other control options (multiple selections possible)	
				room temperature control, with presence detection	No
				room temperature control, with open window detection	Yes
				with distance control option	No
				with adaptive start control	No
				with working time limitation	No
				with black bulb sensor	No
Contact details	NAMRON AS Nedre Kalbakkvei 88B N1081 Oslo Norway				

Information requirement for the electric local space heaters

Model identifier(s): 5401368 / PN20-800					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	P _{nom}	0.67-0.8	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	P _{min}	0.67	kW	manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	P _{max,c}	0.80	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electricity consumption				fan assisted heat output	No
At nominal heat output	e _{lmax}	N/A	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	e _{lmin}	N/A	kW	single stage heat output and no room temperature control	No
In standby mode	e _{lSB}	0.00016	kW	Two or more manual stages, no room temperature control	No
				with mechanic thermostat room temperature control	No
				with electronic room temperature control	No
				electronic room temperature control plus day timer	No
				electronic room temperature control plus week timer	Yes
				Other control options (multiple selections possible)	
				room temperature control, with presence detection	No
				room temperature control, with open window detection	Yes
				with distance control option	No
				with adaptive start control	No
				with working time limitation	No
				with black bulb sensor	No
Contact details	NAMRON AS Nedre Kalbakkvei 88B N1081 Oslo Norway				

Information requirement for the electric local space heaters

Model identifier(s): 5401369 / PN20-1000

Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	P _{nom}	0.85-1.0	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	P _{min}	0.85	kW	manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	P _{max,c}	1.00	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electricity consumption				fan assisted heat output	No
At nominal heat output	e _{lmax}	N/A	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	e _{lmin}	N/A	kW	single stage heat output and no room temperature control	No
In standby mode	e _{lSB}	0.00016	kW	Two or more manual stages, no room temperature control	No
				with mechanic thermostat room temperature control	No
				with electronic room temperature control	No
				electronic room temperature control plus day timer	No
				electronic room temperature control plus week timer	Yes
				Other control options (multiple selections possible)	
				room temperature control, with presence detection	No
				room temperature control, with open window detection	Yes
				with distance control option	No
				with adaptive start control	No
				with working time limitation	No
				with black bulb sensor	No
Contact details	NAMRON AS Nedre Kalbakkvei 88B N1081 Oslo Norway				