

**PROTON<sup>®</sup>**

AIR HEATER

**PROTON EL**





AIR HEATER

# PROTON EL

It is an air heater with electrical heating. Usage of PROTON EL is extremely effective in the conditions of no-access to the hot water supply. These models are equipped with the ribbed T(ubular) E(lectric) H(eater)s made of high-alloy stainless steel which insures high intensity of heat exchange and long-lasting trouble-free work of equipment.



**PROTON<sup>®</sup>**

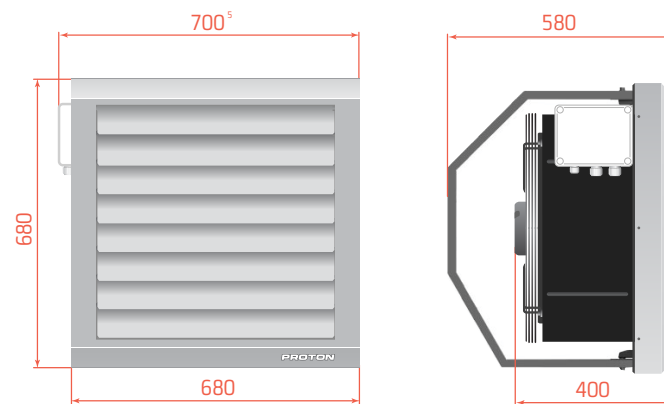
TECHNICAL CHARACTERISTICS		EL 15DEL	EL 30DEL
Airflow <sup>1</sup>	m³/h	5600	6100
Heating power	kW	7.5/15	11/19/30
Number of TEHs	pcs	6	9
TEHs' max. temperature <sup>2</sup>	°C	180	180
TEHs' supply voltage	V/Hz	400/50	400/50
TEHs' protection class	IP	21/54 <sup>3</sup>	21/54 <sup>3</sup>
Max. warm air throw	m	25	25
Supply voltage of motor	V/Hz	230/50	230/50
Motor power	W	390	390
Rated current of motor	A	24.0	46.0
Noise level <sup>4</sup>	dB	53	57
Motor protection rating	IP	54	54
Net weight	kg	34.7	44.6
Gross weight	kg	37.2	47.1
Net dimensions (WxHxL)	mm	700x680x400	700x680x400
Gross dimensions (WxHxL)	mm	800x700x400	800x700x400

<sup>1</sup> Maximum speed.

<sup>2</sup> When blowing.

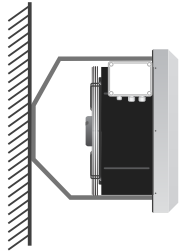
<sup>3</sup> Available with IP 54(EL 15i, EL 30i) are used for high humidity level premises (car wash, swimming pools).

<sup>4</sup> Measurements made at distance of 5 m from the unit.



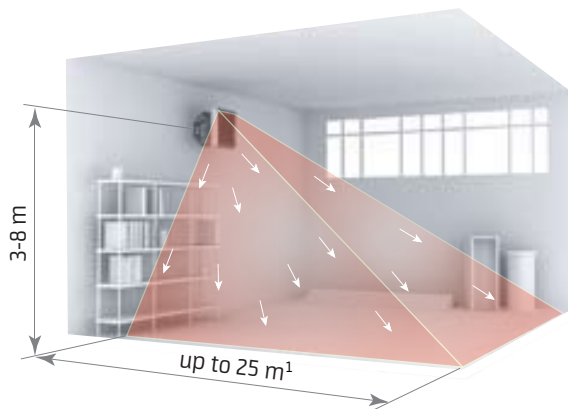
<sup>5</sup> Size may vary.

## INSTALLATION

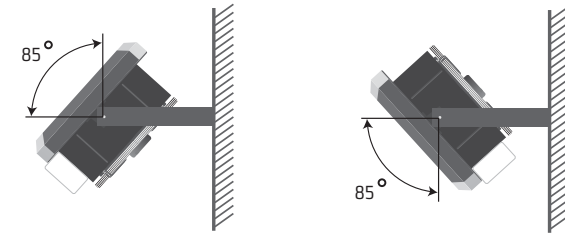


The PROTON EL must be installed vertically only (wall mounting). Version for horizontal (ceiling mounting) on request.

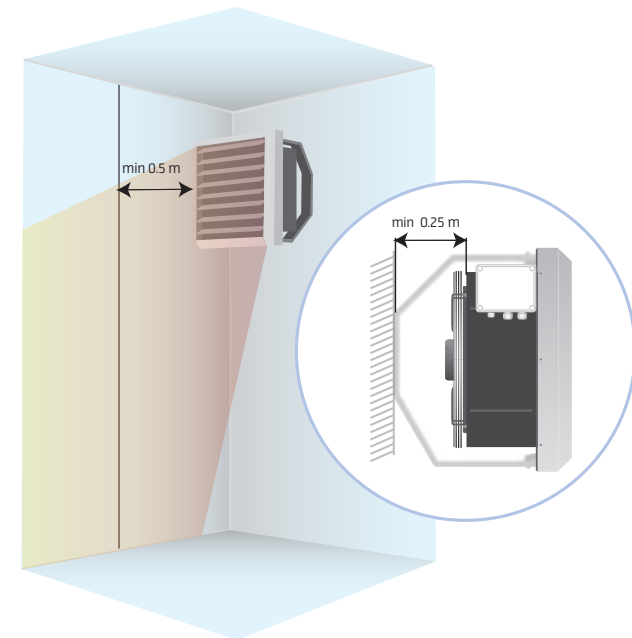
Wall mounting	
Distance from a wall, min.	0.25 m
Mounting height	3-8 m
Distance of air stream	up to 25 m



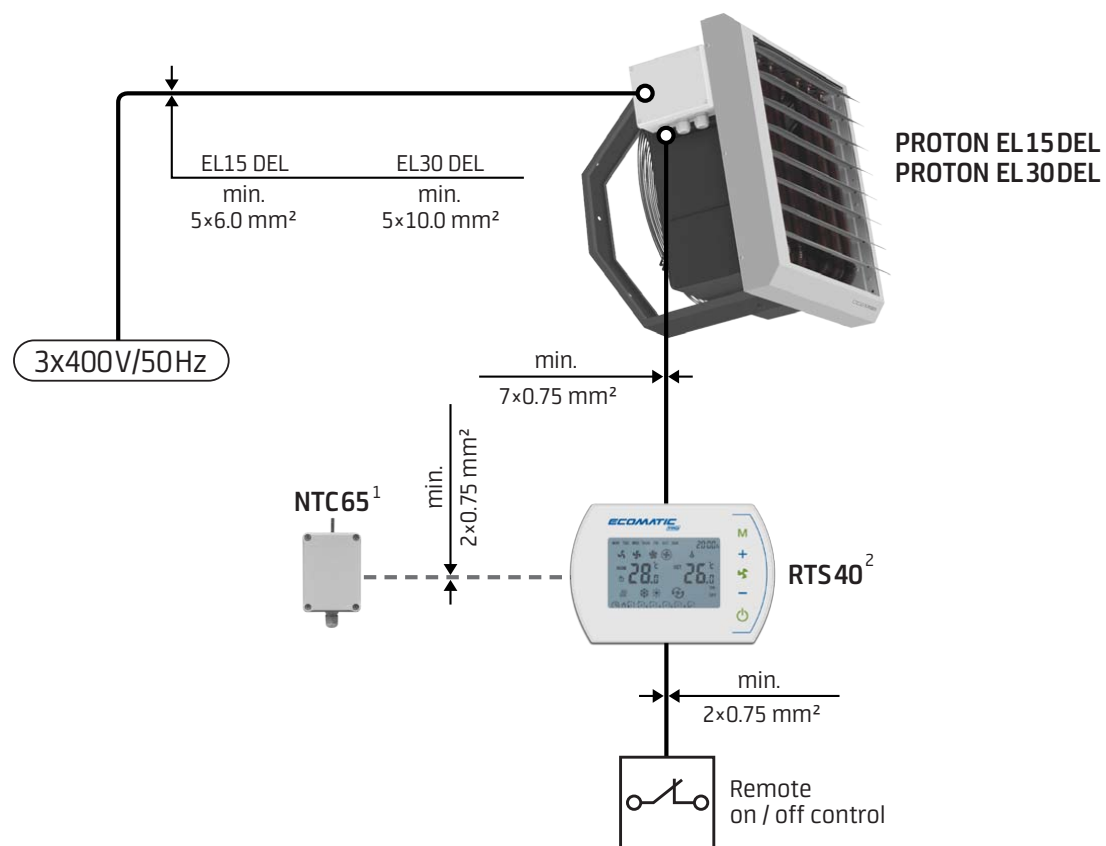
<sup>1</sup> Directing louvers are installed under angle of 45°.



On a wall with bend to the right or left under angle 0° to 85°.



## CONTROL SOLUTIONS



<sup>1</sup> Option for RTS40 (not included).

<sup>2</sup> In set with the air heater PROTON EL15DEL | EL30DEL.

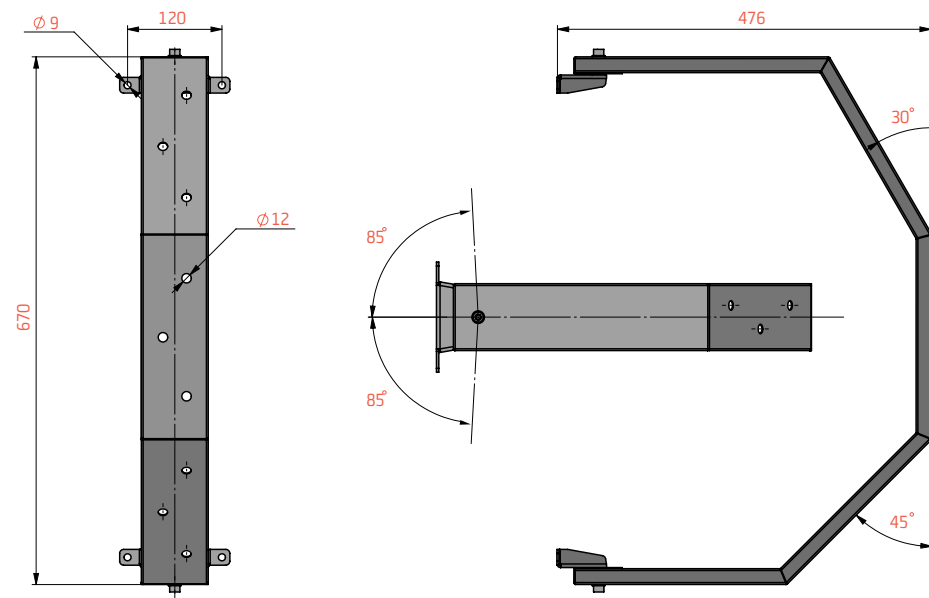
PROTON EL15i | EL30i on request.

## ACCESSORIES



### CM3D MOUNTING CONSOLE

Light-weight, functional, and robust revolving mounting console CM 3D is made of carbon steel with thickness of 2 mm and covered by high-quality powder paint. It provides simple and fast installation.



# **PROTON**

## ***IT'S SIMPLE AND EASY***

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In exceptional cases the changes in equipment's characteristics are possible (structure, standard supply, technical parameters).