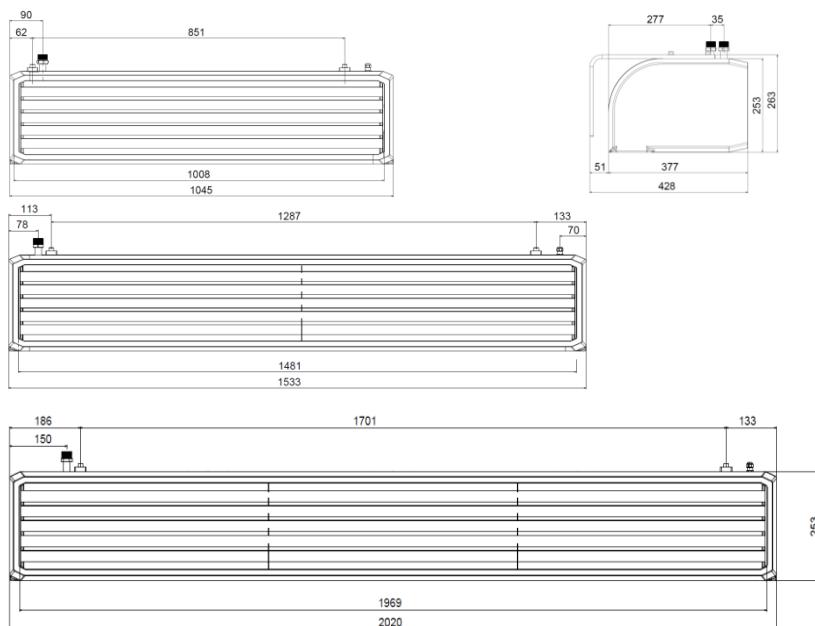


## ELIS T-W/N/E CATALOGUE CARD

### BASIC DIMENSIONS



### GENERAL CHARACTERISTICS

ELIS T air curtain is a unit that generates an air barrier which protects the room from temperature changes regardless of weather conditions outside. It also protects the room from dust, dirt or smoke from the outside. Casing is made of powder painted steel sheet and EPP (Expanded PolyPropylene).

Available in 3 versions: E - with electric heaters, W - with water exchanger and N - ambient.

### SPECIAL FEATURES

- Light, plastic impellers operate quiet and with high efficiency,
- It is possible to add advanced automation system to enhance functionality of the air barrier,
- Adjustable exhaust grille enables changing of air stream angle,
- Access panel for easy servicing of the unit,

### TECHNICAL DATA

	T-W-100	T-N-100	T-E-100	T-W-150	T-N-150	T-E-150	T-W-200	T-N-200	T-E-200
Fan type	3-speed motor with impeller			3-speed motor with impeller			3-speed motor with impeller		
Max. air stream	2300 m <sup>3</sup> /h	2900 m <sup>3</sup> /h	2300 m <sup>3</sup> /h	3900 m <sup>3</sup> /h	4000 m <sup>3</sup> /h	3900 m <sup>3</sup> /h	5100 m <sup>3</sup> /h	5300 m <sup>3</sup> /h	5100 m <sup>3</sup> /h
Power supply	230 V 50 Hz		3x400 V 50 Hz	230 V 50 Hz		3x400 V 50 Hz	230 V 50 Hz		3x400 V 50 Hz
Max. current and power consumption	1,7 A 0,38 kW	1,8 0,39 kW	11 A 7,5 kW	1,8 A 0,4 kW	1,9 A 0,42 kW	16,6 A 11,5 kW	2 A 0,44 kW	2,1 A 0,46 kW	22,4 A 15,5 kW
IP	21			21			21		
Max. acoustic pressure level*	69 dB(A)			69 dB(A)			70 dB(A)		
	<b>T-W/N/E-100</b>			<b>T-W/N/E-150</b>			<b>T-W/N/E-200</b>		
Type of casing	Steel sheet + plastic + EPP								
Colour	Grey / graphite(ral 9007)								
Weight	22,1 kg	20,7 kg	24 kg	29,5 kg	27 kg	31,5 kg	34,3 kg	31,5 kg	37 kg
Weight of unit filled with water	22,9 kg	-	-	30,7 kg	-	-	35,9 kg	-	-
Recommended to:	Inside the room								
Air stream range***	4 m								
Installation	Horizontal / vertical								

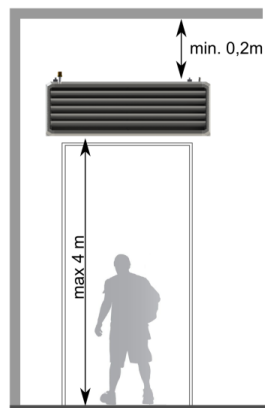
⊕	ELiS T-W-100	ELiS T-W-150	ELiS T-W-200
Type of exchanger	Cu/Al, one row		
Curtain's heat capacity**	11,1	20	27,4
Air temperature rise(ΔT)	15	15	16
Max. water pressure	1,6 MPa		
Max. temperature of heating water	95 °C		
Connection	½"		
	ELiS T-E-100	ELiS T-E-150	ELiS T-E-200
Type of exchanger	2 x electric heaters PTC	3 x electric heaters PTC	4 x electric heaters PTC
Heat capacity**	7,5 kW	11,5 kW	15,5 kW
Air temperature rise (ΔT)	11°C	12°C	13°C

\* Acoustic pressure level measured in the room with average sound absorption, capacity 500 m3, at distance of 2 m from the unit.

\*\*\* Vertical range of isothermal stream (at velocity boundary equal to 2 m/s)

\*\* At inlet/outlet water temperature 90/70oC, inlet air temperature 10oC (for T2-W unit).

### RECOMMENDED MOUNTING DISTANCE



### ELIS T BRACKETS

