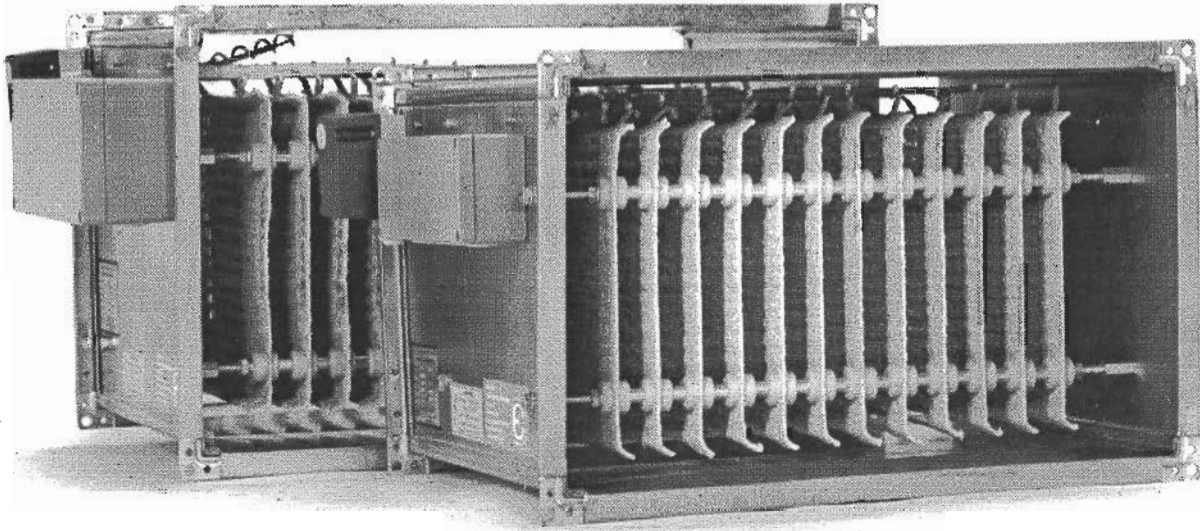


# ENGELCANAL®

## ELECTRIC AIR HEATERS

### Type ELP with Profile Frames



Illus. with STBW 225

**The expert's supplements,  
designed for special use.  
The original - from ENGELS.  
Pioneering technology and  
functional quality.  
With complete, perfectly  
coordinated components for pro-  
fessional system solutions.**

#### **Applications**

For rectangular ducts (intermediate ducts)  
in conjunction with standardized duct radi-  
al ventilators.

Min. air speed 1.5 - 2 m/s.

Observe required distances because of  
uniform air flow.

Air outlet temperature max. 333 K.

#### **Duct housing**

Galvanized steel sheet, 1.25 mm, folded,  
with standardized connecting flanges,  
20 mm continuous, acc. to DIN

#### **Terminal box**

Aluminium terminal box, acc. to VDE 0110/  
part 2, with bore holes for PG screw  
connections.

#### **Heating elements**

Genuine, non-glowing  
Engels heating grid®.

The „yellow core“ with the giant heating  
surface.

Gentle heating by the low temperature  
version.

#### **Note**

Other versions according to catalogue  
EL 2020.

Accessories acc. to catalogue, or price list.



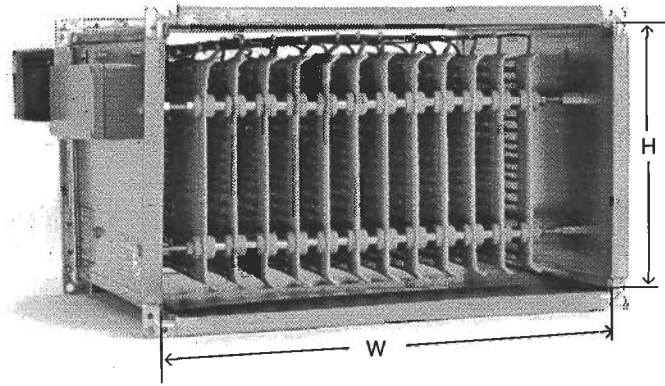
Tested in compliance with  
Low-Voltage Guidelines  
(93 / 68 / EEC)

**ENGELCANAL® AIR HEATERS - the better solution**

# ENGELCANAL®

## ELECTRIC AIR HEATER Type ELP 1 - ELP 36

Operating voltage: 230/400 V rotary current  
 Circuit:  $\Delta/Y$   
 Profile frame: 20 mm continuous  
 Installation depth: ELP 1/ELP 1.5 = 400 mm  
 ELP 3 - 36 = 500 mm



Type	Output kW	Switch stages norm. / max.	Number of heating grids	Output per heating grid	Dim. in mm		Weight approx. kg	Free duct cross-section, approx. qm
					W	H		
ELP 1	1	1 à 1,00 kW	3	333 W	250	200	7	0,045
ELP 1,5	1,5	1 à 1,50 kW	3	500 W	250	200	7	0,045
ELP 3	3	3 à 1,00 kW	9	333 W	400	200	11,5	0,07
ELP 6	6	4 à 1,50 kW	12	500 W	500	250	15,0	0,11
ELP 9	9	3 à 3,00 kW	9	1000 W	500	250	14,0	0,12
ELP 12	12	4 à 3,00 kW	12	1000 W	500	250	16,0	0,11
ELP 8	8	4 à 2,50 kW	12	666 W	500	300	15,5	0,13
ELP 12-2	12	4 à 3,00 kW	12	1000 W	500	300	16,5	0,13
ELP 16	16	4 à 4,00 kW	12	1333 W	500	300	16,5	0,13
ELP 10	10	4 à 2,00 kW	15	666 W	600	300	19,0	0,16
ELP 15	15	4 à 3,00 kW	15	1000 W	600	300	20,0	0,16
ELP 20	20	4 à 4,00 kW	15	1333 W	600	300	21,0	0,16
ELP 15-2	15	5 à 3,00 kW	15	1000 W	600	350	21,0	0,19
ELP 25	25	5 à 5,00 kW	15	1666 W	600	350	22,0	0,19
ELP 30	30	5 à 6,00 kW	15	2000 W	600	350	23,0	0,19
ELP 36	36	6 à 6,00 kW	18	2000 W	700	400	28,0	0,24

**Accessories:** safety according to VDE 0100/DIN 57100, part 420 (on request)

**ENGELCONTROL®:** safety temperature limiter type STBW 225, integrated

**ENGELAIR®:** electronic air flow monitor type ELW 170, or ELW 180, single.

As with all other ENGELCONTROL® and ENGELAIR® units

### Regulation

**ENGELTHERM®:** electronic multi-stage thermostats type ET 400-600 (see pp. 34 - 37)

Regulation and control

**ENGELTHYROTEMP®:** Unit type TRS 400/12-60, continuous temperature regulation and control (see pp. 66-70).

### Note

Always observe bulletins no. S 20 and A-1998.

The output levels of the individual unit types can be simply reduced by leaving out individual switch groups when structurally installing.

Unit type ELP 1/1.5 when connected to 230 V 1 Ph can be switched at 1-3 stages.

### Optional

Other operating voltages, on request.

Unit type ELP 3 also available on request as type ELP 3/6 with 6 kW output.

All units also available single-staged, for continuous thyristor control.

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