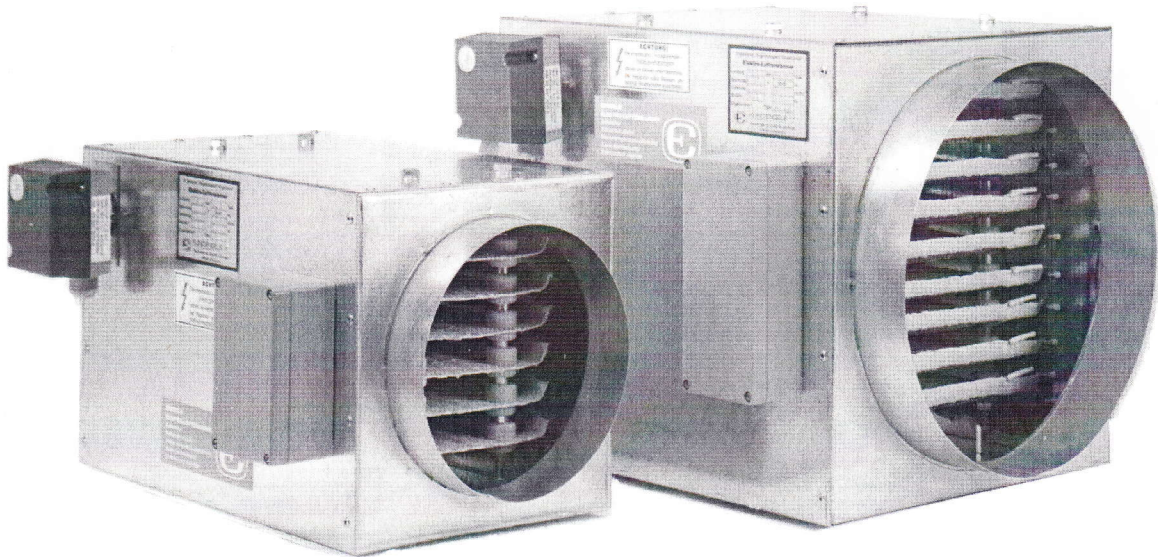


ENGELVARI-O[®]

ELECTRIC AIR HEATERS

Type ELR for variable pipe connection



The user-oriented supplement from the expert.

The original - from ENGELS. Pioneering technology and functional quality.

With complete, perfectly coordinated components for professional system solutions

Applications

For double-ended roundpipe connection, with collar DN100/200/315 mm.

Diverse applicability with standardized, symmetrical diminishing pipes, USE-formed.

Can be fastened to consoles or via two pipe clamps/suspension.

Air outlet temperature max. 333 K.

Housing

Square, galvanized steel sheet, 1.25 mm. End pieces inserted for pipe connection with pop rivets.

Terminal box

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

Heating elements

Genuine, non-glowing

Engels heating grids[®]

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 pricelist .



Tested in compliance with Low-Voltage Guidelines (2006/95/EG)

ENGELCANAL[®] AIR HEATERS - the better solution

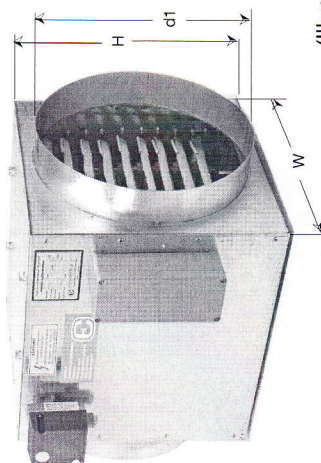
ENGELVARI-O® ELECTRIC AIR HEATERS Type ELR 0.5 - 9

Operating voltage: 230/400 V rotary current

Circuit: Δ/Y

Installation depth: all units 400 mm, additional

Pipe connection: collar at both ends, approx. 50 mm



(Illus. with STBW 225)

Type	Output kW	Switch groups, maximum kW	Number of heating grids	Output per heating grid	Pipe connection d1 = DN	Reduction permissible up to mm Ø	Min. air flow cbm / h	Weight approx. kg	Dim. in mm W H	Free duct cross-section, approx. m²
ELR 0,5	0,5	1 à 0,50	1	500 W	100	-	60	3	170 140	0,008
ELR 1	1	2 à 0,50	2	500 W	160	100	125	5	200 200	0,017
ELR 1,5	1,5	1 à 1,50	3	500 W	200	125	230	6	250 250	0,03
ELR 2	2	2 à 1,00	6	333 W	200	150	325	7	250 250	0,03
ELR 3	3	2 à 1,50	6	500 W	200	150	350	8	250 250	0,03
ELR 4	4	2 à 2,00	6	666 W	315	200	550	9	350 350	0,08
ELR 5	5	2 à 2,50	6	833 W	315	200	550	9	350 350	0,08
ELR 6/250	6	2 à 3,00	6	1000 W	250	200	400	9,5	300 300	0,05
ELR 6	6	3 à 2,00	9	666 W	315	224	600	10	350 350	0,08
ELR 7	7,5	3 à 2,50	9	833 W	315	224	650	10	350 350	0,08
ELR 9	9	3 à 3,00	9	1000 W	315	224	700	11	350 350	0,08
ELR 12	12	4 à 3,00	12	1000 W	400	315	1100	15	450 450	0,13

Unit type ELR 0.5 only for 230 V 1 Ph alternating current.

With unit type ELR 1.5, connection to 230 V 1 Ph - AC is also possible, so that here too output levels of only 0.5 kW or 1 kW can be connected.

Air outlet side is optional on all units (STBW always on top).

Plug connectors required for reducing pieces.

Safety accessories acc. 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, single

As with other **ENGELCONTROL®** and **ENGELAIR®** units

Regulation

ENGELTHERM®-Control unit ETDL, for installation onto electrical air heaters

Continuous, constant impulse control for capacities up to 25 kW

ENGELTHERM® electronic multi-stage thermostats, type ET 200-800 (see pp. 48-61)

Regulation and Control

ENGELTHYROTEMP units, type TRS 400/12, continuous temperature regulation and control

We offer you our extensive, full range of products.

Note

Always note information bulletins no. S 20 and A-1999.

Simple output reduction of the individual unit types by leaving out individual switch groups, when structurally connecting

Option

Other operating voltages on request.

Unit type ELR 0.5 on request also available as type ELR 0.25

and ELR 0.33 with output of 0.25 or 0.33 kW.

Price as for type ELR 0.5



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