LDA SWIRL

Water-supplied air heater with EC-fan

Water-supplied air heater with copper/ aluminium heat exchanger. Air amounts from 500 to 2000 m3/h.

For more information, downloads and videos, visit the LDA Swirl page on our website

Design air heater for grid type ceilings

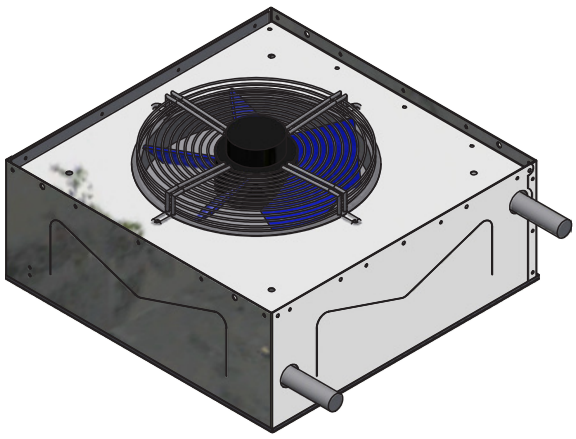
The Mark LDA SWIRL design water-supplied air heater has been developed to fit into 600x600 grid type ceilings. The unit is easy to install due to its compact dimensions and is also perfectly suitable for rooms with low ceilings. Of course it is also easy to install as a free hanging unit.

Due to the modulating EC fan, the Mark LDA SWIRL is available for a wide range of air volumes and heating capacities. The EC fan also ensures a quiet and energy efficient unit.

The LDA is designed for use in stores, offices and hospitals.

Product features

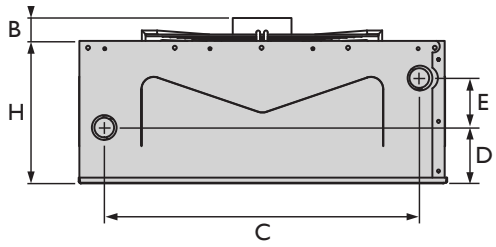
- RAL 9010 powder coating (other colours on request)
- Low maintenance
- Silent
- Pleasant air diffusion
- Attractive appearance
- Low energy consumption
- 0-10V control

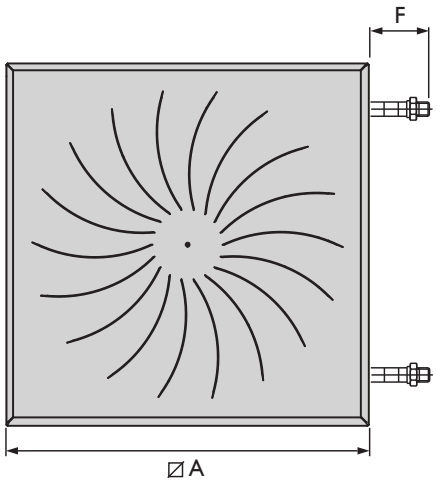


Remote control possible with the PinTherm Connect IoT! Control the thermostat from anywhere in the world via a secure Cloud environment in the browser of your PC, tablet or smartphone. No need to open a firewall port for this. With the optional WiFi module, a LAN cable is also no longer needed for the thermostat.

Dimensions

A	B	C	D	E	F	H
592	70	510	89	80	102	240



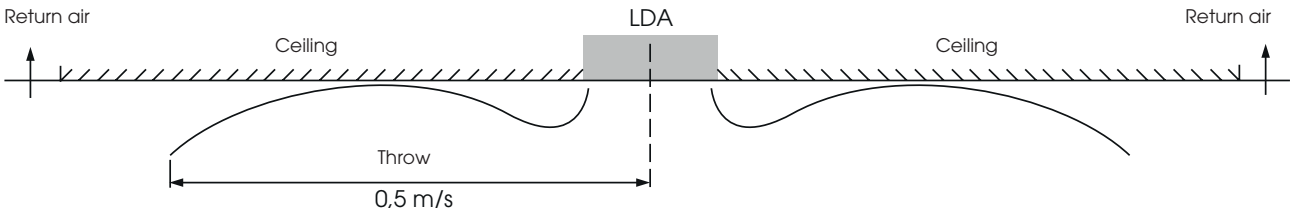


Technical information

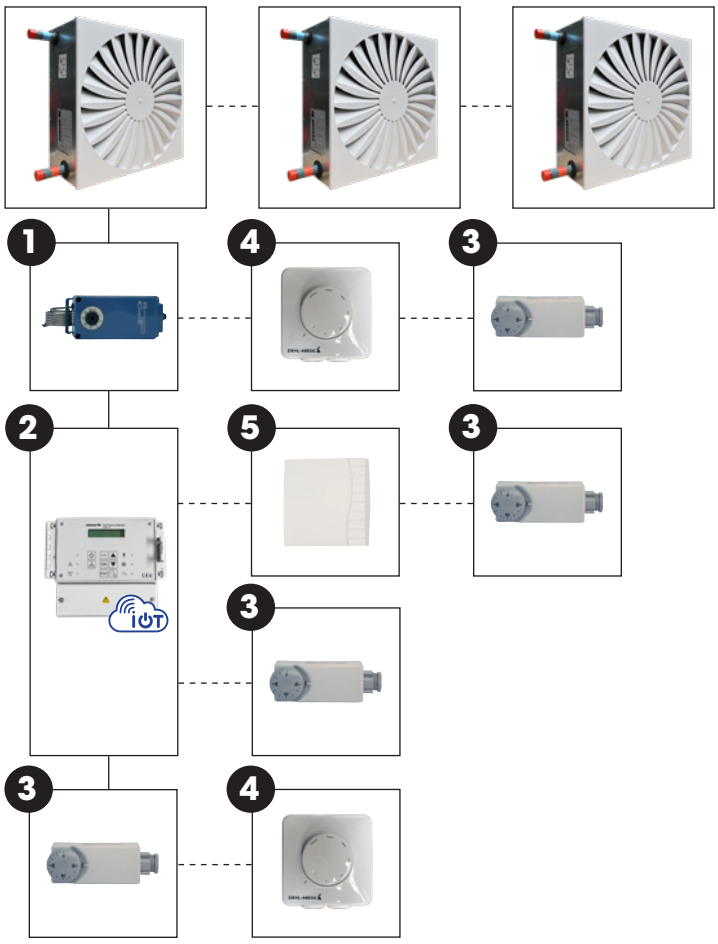
Air displacement LDA 221	Heat delivery 90/70 T15	Heat delivery 80/60 T15	Heat delivery 60/40 T15	Heat delivery 45/38 T15	Throw	Noise level
m³/h	W	W	W	W	m	dB(A)
500	6750	5560	3400	2720	3	26
750	8640	7290	4300	3560	4,5	31
1000	10430	8580	5040	4100	6	33
1250	11950	9910	5690	4872	8	33
1500	13520	11110	6480	5270	9,5	35
1750	14700	12180	6950	5850	11	36
2000	15910	13120	7540	6260	13	42

- Water connection: 1" male thread
- Water resistance T15: 5 kPa
- Weight: 23 kg
- 1 Phase 230 V

Assembly/location suggestions



Controls



Control combination options								
LDA Swirl	+	1						
LDA Swirl	+	1	+	4				
LDA Swirl	+	1	+	4	+	3		
LDA Swirl	+	2						
LDA Swirl	+	2	+	5				
LDA Swirl	+	2	+	5	+	3		
LDA Swirl	+	2	+	3				
LDA Swirl	+	3						
LDA Swirl	+	3	+	4				

1 = Waterproof room thermostat, 230V, IP65 (0629004)
2 = PinTherm Connect with Ethernet, Modbus and Cloud control (IoT: 0629108 / IoT+WiFi: 3003870)
3 = Surface contact thermostat (4A) (0629180)
4 = Potentiometer 10K with on/off contact IP54 (0631390)
5 = Room sensor (0629086)

Prices LDA SWIRL

PRODUCT - LDA SWIRL			
Code nr.	Description	Price	
3182041	LDA Swirl 221 water-supplied air heater with EC-fan	€	1264

ACCESSORIES - CONTROLS			
Code nr.	Description	Price	
0629108	PinTherm Connect IoT room thermostat with Ethernet, Modbus and Cloud control	€	835
3003870	PinTherm Connect IoT/WiFi room thermostat with Ethernet, Modbus and Cloud control	€	889
0629086	Room sensor, only combined with 0629108/3003870	€	93
0629180	Surface contact thermostat (4A)	€	82
0629004	Waterproof room thermostat, 230V, IP65	€	284
0631390	Potentiometer 10K with on/off contact IP54	€	196
0631163	Isolator switch 4-poles 230V, separate delivery	€	71

For explanation see chapter control equipment