

TERM AGRO Unit Heaters

TERM AGRO heating units are designed to use in the agricultural facilities and in the facilities with high humidity and dusts. The units are intended for the use in poultry houses, cowsheds, stables, pigsties etc. Their use in the premises where the units are particularly exposed to corrosion is also advantageous.

DESCRIPTION

PRODUCT DESCRIPTION

The units include:

- housing made of galvanised steel, powder-coated outside and inside (epoxy powder);
- heater made of epoxy-coated fins with spacing of 3 mm in line with frames made of acid-resistant steel;
- AGRO-type axial fan;
- mesh filter with mesh size preventing solid particles from getting inside the unit.

The housing structure is practical for easy cleaning of unit interior (separate outlet grille, heater and fan with filter on the hinges). The units can be delivered with five-stage controller of the rotational speed of the fans (the unit operates at the V, IV, III and II speed).

WORKING CONDITIONS

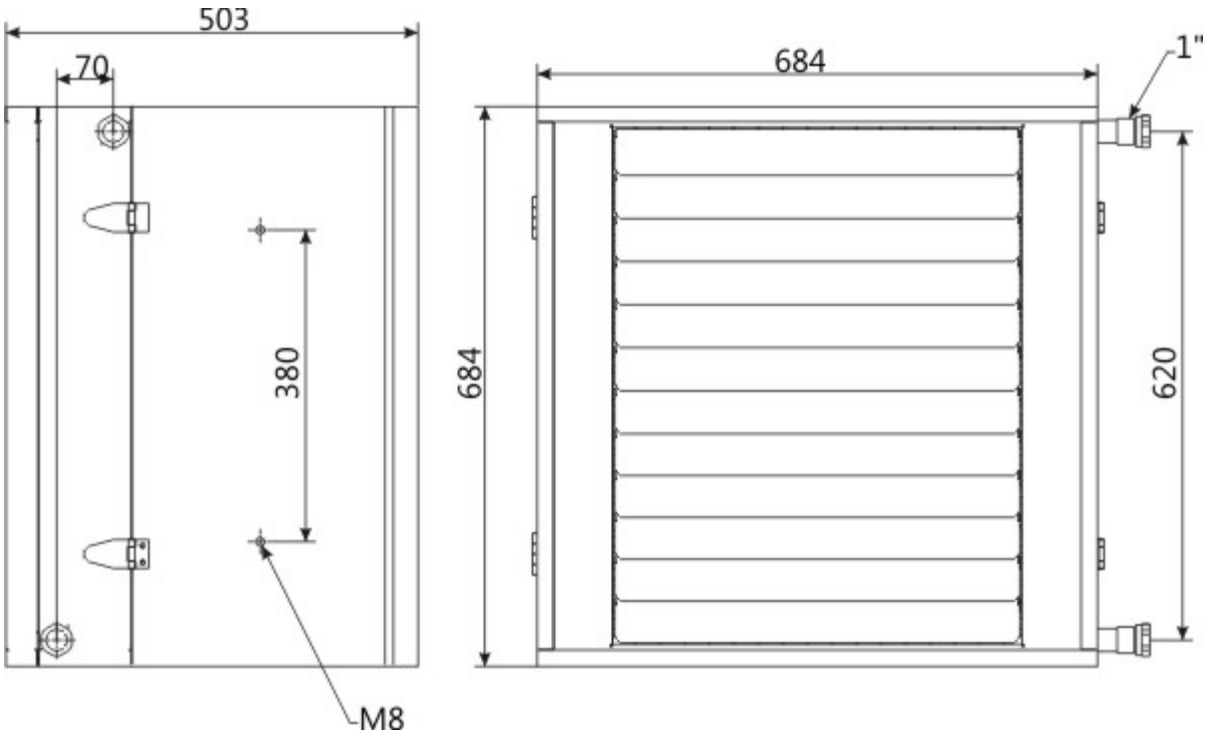
The heat exchanger can be supplied with heating medium with the temperature of up to 150^{o}C and the pressure of up to 1,5MPa.

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DIMENSIONS



Fan specification	
Voltage [V]	230
Motor power [kW]	0,38
Current [A]	1,9
Speed [rpm]	1365
IP	54
Insulation class	F
Operating temperature [OC]	do +60

Unit heat output				
Water capacity [dm3]		3,2		
Number of heater rows		III		
Heat output [kW], outflow air temperature [oC] and resistance of water flow [kPa]				
Water temperature [^{o}C]	**Inflow air temperature [^{o}C]**	**kW**	**^{o}C**	**kPa**
90/70	**5**	58,2	33	7,6
	10	53,4	36	6,4
	15	48,7	39	5,3

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80/60	**5**	49,1	29	5,4
	10	44,5	32	4,4
	15	39,9	35	3,6
70/50	**5**	40,2	24	3,6
	10	35,8	27	2,9
	15	31,3	31	2,2
60/40	**5**	31,6	20	2,2
	10	27,3	23	1,7
	15	23,0	26	1,2

Noise level [dB(A)]				
Selected speed	**V**	**IV**	**III**	**II**
At the distance of 1m	67	63	55	49
At the distance of 3m	62	58	50	44
Unit weight				
Weight [kg]	53			

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