

Technical description air cooler ATDC

The air cooler ATDC consists of a heat exchanger with hydrophilic fins, a casing made of painted steel plate and belonging to it, a painted drip tray made of stainless steel, alternatively a non-painted casing made of stainless steel. The air cooler ATDC is delivered with a single-phase fan with external rotor motor. The condensate drain measures 1/2".

The air cooler ATDC can be connected to a refrigerant system or a combined refrigerant/heating system. The tubes and the casing of the air cooler are not isolated, although if required, they can be isolated on site.

The ATDC is used for cooling alternatively cooling/heating.

An external regulator controls the temperature.



ATDC made of stainless steel

Construction data

Max working pressure: 1,6 MPa at a max working temp of 100°C.

Testing pressure: 2,1 MPa

Max working temp: 120°C

Surrounding max air temp: 50°C

Table: ATDC type single-phase

Capacity kW

Heat ti 15°C, tri/tru 50/30°C				
	ATDC-33	ATDC-44	ATDC-55	ATDC-66
High speed	7,3	13,2	17,5	23,9
Medium speed	6,3	10,4	9,7	19
Low speed	4,8	8,4	7,8	16,4
Cold ti 23°C 50%, tri/tru 6/12°C				
	ATDC-33	ATDC-44	ATDC-55	ATDC-66
High speed	4,8	8,7	11,5	15,1
Medium speed	4,2	7,1	6,8	12,2
Low speed	3,3	5,8	5,6	10,7

Coiltech AB reserves the right to make changes without previous notice