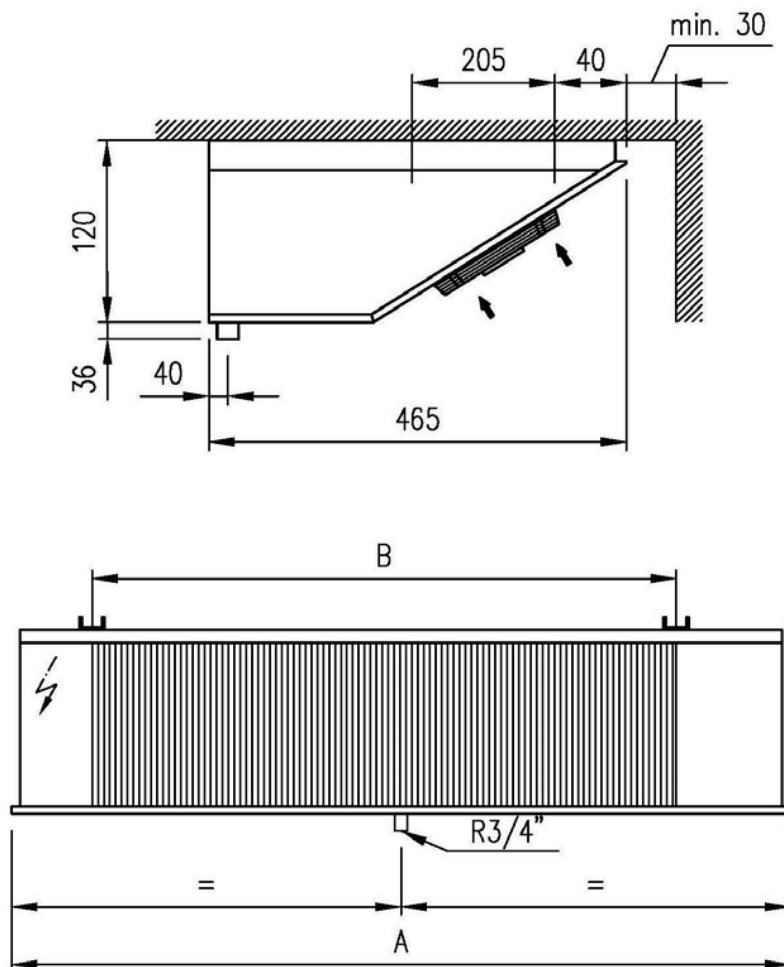


DESCRIPTION

Extreme flat ceiling air cooler FKNT is just 120mm height. The unit is equipped with removable coil blocks for mounting, which are protected against corrosion. Heat exchanger, for water or brine operation, has got small interior volume. Fans are designed to provide low noise level. Wall version is available with brackets for mounting (accessory, mounting position as same as ceiling version). Housing of the unit is made of stainless steel. This unit works for temperature range: -30°C to 40°C. The FKNT unit is additionally equipped with electric defrost system.

TECHNICAL SPECIFICATION & DIMENSIONS

Model	Dimensions [mm]		Tube volume [dm ³]	Weight [kg]
	A	B		
611	450	300	0.4	6
612	450	300	0.6	7
623	750	600	0.7	10
624	750	600	1.0	11
636	1050	900	1.4	15



All below data is based upon measurements with R404A and fans operating 50Hz supply.

FKNT 611

Input capacity [kW]	Evap. temp. [oC]	Temp. in room [oC]	ΔT [K]	Surface [m ²]	Air throw [m]	Air flow [m ³ /h]	Sound power [dB(A)]	Fin spacing [mm]	Connections	
									Inlet \varnothing [mm]	Outlet \varnothing [mm]
0.22	-33	-25	8	0.9	4	235	62	6	10	10
0.22	-28	-20	8	0.9	4	235	62	6	10	10
0.22	-26	-18	8	0.9	4	235	62	6	10	10
0.23	-20	-12	8	0.9	4	235	62	6	10	10
0.26	-6	2	8	0.9	4	235	62	6	10	10
0.26	-4	4	8	0.9	4	235	62	6	10	10
0.27	0	8	8	0.9	4	235	62	6	10	10
0.39	5	15	10	0.9	4	235	62	6	10	10

FKNT 612

Input capacity [kW]	Evap. temp. [oC]	Temp. in room [oC]	ΔT [K]	Surface [m ²]	Air throw [m]	Air flow [m ³ /h]	Sound power [dB(A)]	Fin spacing [mm]	Connections	
									Inlet \varnothing [mm]	Outlet \varnothing [mm]
0.33	-33	-25	8	1.3	4	215	62	6	10	10
0.32	-28	-20	8	1.3	4	215	62	6	10	10
0.32	-26	-18	8	1.3	4	215	62	6	10	10
0.34	-20	-12	8	1.3	4	215	62	6	10	10
0.37	-6	2	8	1.3	4	215	62	6	10	10
0.38	-4	4	8	1.3	4	215	62	6	10	10
0.39	0	8	8	1.3	4	215	62	6	10	10
0.57	5	15	10	1.3	4	215	62	6	10	10

FKNT 623

Input capacity [kW]	Evap. temp. [oC]	Temp. in room [oC]	ΔT [K]	Surface [m ²]	Air throw [m]	Air flow [m ³ /h]	Sound power [dB(A)]	Fin spacing [mm]	Connections	
									Inlet \varnothing [mm]	Outlet \varnothing [mm]
0.46	-33	-25	8	1.8	5	470	65	6	10	10
0.47	-28	-20	8	1.8	5	470	65	6	10	10
0.48	-26	-18	8	1.8	5	470	65	6	10	10
0.49	-20	-12	8	1.8	5	470	65	6	10	10
0.55	-6	2	8	1.8	5	470	65	6	10	10
0.56	-4	4	8	1.8	5	470	65	6	10	10
0.58	0	8	8	1.8	5	470	65	6	10	10
0.83	5	15	10	1.8	5	470	65	6	10	10

FKNT 624

Input capacity [kW]	Evap. temp. [oC]	Temp. in room [oC]	ΔT [K]	Surface [m ²]	Air throw [m]	Air flow [m ³ /h]	Sound power [dB(A)]	Fin spacing [mm]	Connections	
									Inlet \varnothing [mm]	Outlet \varnothing [mm]
0.67	-33	-25	8	2.6	5	425	65	6	10	10
0.69	-28	-20	8	2.6	5	425	65	6	10	10
0.69	-26	-18	8	2.6	5	425	65	6	10	10
0.72	-20	-12	8	2.6	5	425	65	6	10	10
0.79	-6	2	8	2.6	5	425	65	6	10	10
0.81	-4	4	8	2.6	5	425	65	6	10	10
0.84	0	8	8	2.6	5	425	65	6	10	10
1.20	5	15	10	2.6	5	425	65	6	10	10

FKNT 636

Input capacity [kW]	Evap. temp. [oC]	Temp. in room [oC]	ΔT [K]	Surface [m ²]	Air throw [m]	Air flow [m ³ /h]	Sound power [dB(A)]	Fin spacing [mm]	Connections	
									Inlet \varnothing [mm]	Outlet \varnothing [mm]
0.98	-33	-25	8	4.0	6	640	67	6	12*	15
1.00	-28	-20	8	4.0	6	640	67	6	12*	15
1.01	-26	-18	8	4.0	6	640	67	6	12*	15
1.05	-20	-12	8	4.0	6	640	67	6	12*	15
1.16	-6	2	8	4.0	6	640	67	6	12*	15
1.18	-4	4	8	4.0	6	640	67	6	12*	15
1.23	0	8	8	4.0	6	640	67	6	12*	15
1.76	5	15	10	4.0	6	640	67	6	12*	15

*Multiple injection.