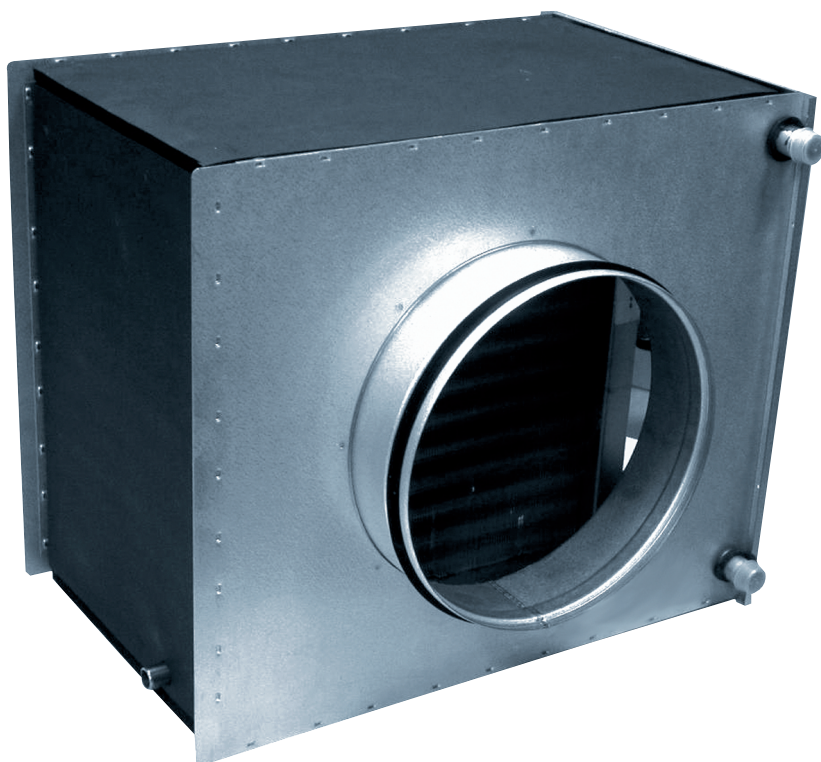




Cold water batteries type CWK

Circular cold water cooling battery, easy to install and with a removable service panel allowing access for cleaning the coil

Application

- Zone cooling

Material

- Casing made of galvanised sheet steel with 9 mm synthetic cellular rubber anti-condensation insulation, the circular connections are equipped with an EPDM rubber.
- The coil consists of copper tubes with aluminium fins.

Mounting

- Circular ducts

Accessoires

- 2 or 3-way regulation valves, type **QCV-2** or **QCV-3**

Text for tender

- The cooling coil shall be made out of copper tubes with aluminium fins, the copper tubes shall be positioned zig-zag this for an effective and economic cool transfer from the circulated cooling medium to the air. The casing of the cooling coil shall be made of galvanised steel sheet with 9 mm synthetic cellular rubber anti-condensation insulation the circular connections on the casing are equipped with a solid EPDM rubber. The casing of the cooling coil shall have a removable service panel this to inspect the coil and clean it.

Selection program

[Click here for the selection program](#)

Order example

CWK, 200 + N2, D10 + T24SR

Explanation

CWK = Type coldwater battery

200 = Diameter in mm, (see table)

Accessories

N2 = 2-way valve, **N3** = 3-way valve

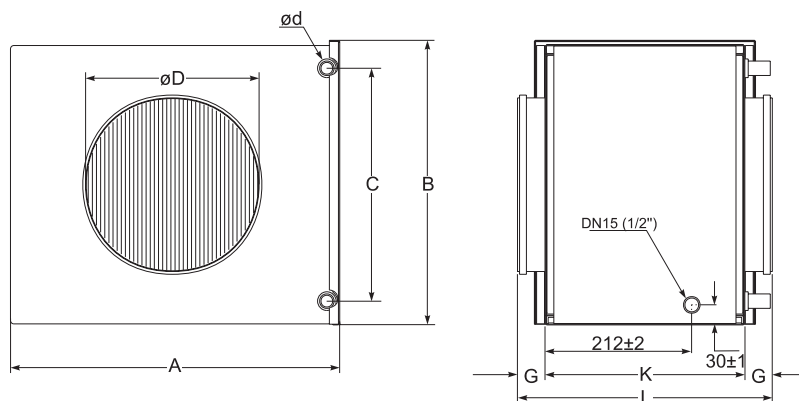
D10 = Connection diameter (selection made by means of the KVS value), (see table)

T24SR = Modulating valve actuator, **T24** = On/off valve actuator 24V, **T230** = On/off valve actuator 230V

	Q [m³/h]	ΔP [Pa]	Technical data				
			ti [°C]	tu [°C]	Tw 6/12 °C / RH 50%		ΔPw [kPa]
CWK 100	58	8	25	13.70	0.28	0.01	0.40
		9	28	14.80	0.36	0.01	0.60
	112	27	25	16.40	0.38	0.02	0.70
		29	28	17.90	0.49	0.02	1.20
CWK 125	169	55	25	17.90	0.44	0.02	1.00
		59	28	19.70	0.56	0.02	1.60
	86	4	25	11.60	0.53	0.02	1.70
		4	28	12.30	0.68	0.03	2.70
CWK 160	176	14	25	12.80	0.96	0.04	8
		15	28	13.20	1.29	0.05	13
	266	29	25	14.10	1.26	0.05	13
		32	28	14.90	1.69	0.07	22
CWK 200	144	9	25	12.20	0.82	0.03	6
		11	28	12.30	1.14	0.05	10
	292	34	25	14.40	1.33	0.05	14
		38	28	15.20	1.79	0.07	24
CWK 250	436	70	25	15.80	1.70	0.07	22
		78	28	16.90	2.20	0.09	37
	227	7	25	13.00	1.19	0.05	2.30
		7	28	13.80	1.30	0.05	2.80
CWK 315	454	25	25	14.10	2.10	0.09	8
		28	28	14.80	2.90	0.11	14
	680	52	25	15.40	2.80	0.11	13
		58	28	16.40	3.70	0.15	21
CWK 400	353	7	25	12.90	1.87	0.07	2.30
		8	28	11.90	2.90	0.12	6
	706	24	25	13.90	3.40	0.14	8
		27	28	14.50	4.60	0.18	14
CWK 500	1058	50	25	15.20	4.40	0.18	13
		56	28	16.10	5.90	0.23	22
	562	8	25	11.70	3.40	0.13	5
		9	28	11.90	4.60	0.18	9
CWK 630	1123	28	25	14.00	5.40	0.22	13
		31	28	14.70	7.30	0.29	22
	1685	59	25	15.30	6.90	0.28	20
		65	28	16.40	9.30	0.37	34
CWK 710	904	10	25	12.20	5.20	0.21	5
		11	28	12.30	7.10	0.28	9
	1811	35	25	14.50	8.30	0.33	12
		39	28	15.30	11.10	0.44	20
CWK 830	2714	72	25	15.80	10.50	0.42	18
		81	28	16.90	13.90	0.55	30
	1600	10	25	16.37	5.17	0.21	0.9
		12	28	17.56	7.83	0.31	1.8
CWK 930	3200	30	25	17.52	9.36	0.37	2.5
		35	28	19.02	13.82	0.55	5
	4800	61	25	18.23	12.85	0.51	4.4
		72	28	20.14	18.14	0.72	8.2
CWK 1030	2300	10	25	16.39	7.65	0.3	1.1
		12	28	16.69	12.87	0.51	2.7
	4500	28	25	16.88	15.08	0.6	3.5
		33	28	18.54	21.16	0.84	6.5
CWK 1130	7000	60	25	17.87	20.57	0.82	6.1
		70	28	19.85	28.25	1.12	10.7
	3000	9	25	16.76	8.79	0.35	0.2
		10	28	18.59	11.29	0.45	0.3
CWK 1230	6000	24	25	19.18	11.92	0.47	0.3
		25	28	21.06	14.89	0.59	0.4
	9000	47	25	20.48	13.9	0.55	0.4
		48	28	22.53	17.32	0.69	0.5

Symbols & specifications

- Q = Air flow
- ΔP = Pressure loss
- ti = Inlet air temperature
- tu = Outlet air temperature
- P = Power of the battery
- Qw = Water flow
- ΔPw = Pressure loss of water
- Tw = Water temperature in/out
- RH = Relative humidity



Dimensions								
	ØD [mm]	d [mm, inch]	C [mm]	B [mm]	A [mm]	K [mm]	G [mm]	L [mm]
CWK 100	100	10	98	236	170	265	48	365
CWK 125	125	22	188	330	257	286	48	388
CWK 160	160	22	188	330	255	286	40	360
CWK 200	200	22	263	396	328	286	40	365
CWK 250	250	22	338	475	415	286	55	396
CWK 315	315	22	413	555	480	286	55	396
CWK 400	400	22	438	720	505	316	65	445
CWK 500	500	1"	610	946	737	317	74	465
CWK 630	630	1 1/4"	760	1096	887	317	74	465
CWK 710	710	2"	774	1146	967	446	74	594