HYDRAULIC FAN COILS

- **ULTRA-THIN CASING**
  Hydraulic Fan Coil utilizes an ultra-thin design. Compared with the common fan coil with a casing of 130mm can help save more installation space. Also, its simple and neat appearance can easily blend into your room's surroundings.
- **SUPER QUIET**
  The use of cross-flow fans combined with special ventilation technology makes the units with lower noise, thus people can enjoy a healthier and more comfortable sleep.
- **WATER CONNECTION**
  Up to the preference of the customer, the water connection can be designed on either the right side or the left side, which creates great flexibility on installation for users.
- **DETAIL-ORIENTED**
  The fan coil unit can run stably with the adoption of electric three-way valve which can improve the power utilization and reduce the energy consumption largely.

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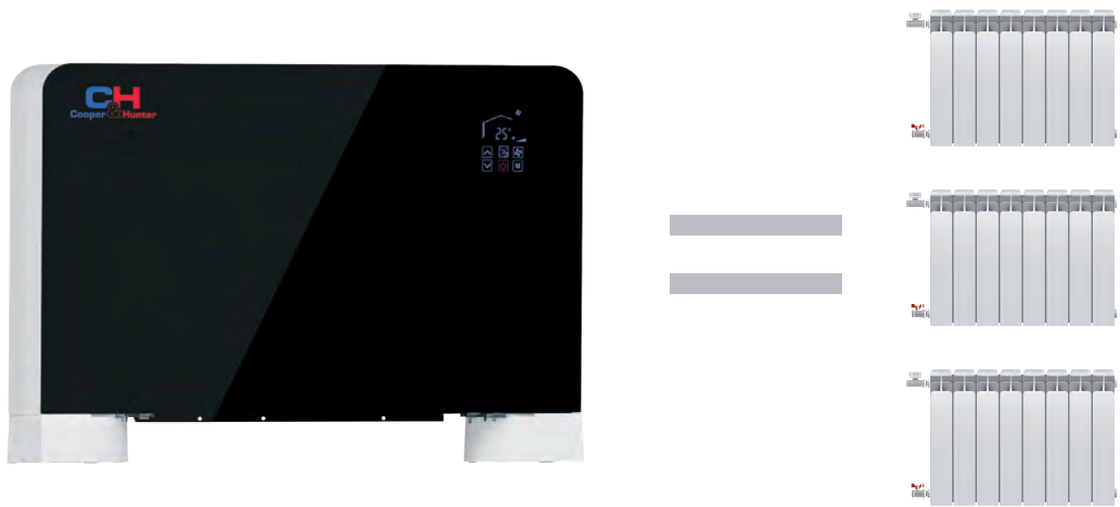

- **HIGH EFFICIENCY**
  The heating capacity of the fan coil units is twice higher than that of the common radiators. As the heat is averagely distributed to the rooms, the units can save 30% energy consumption compared with the common heating radiators.

		CH-FK10SW(B)K2	CH-FK18SW(B)K2	CH-FK25SW(B)K2	CH-FK34SW(B)K2	CH-FK44SW(B)K2
Heating: Ambient temperature (DB/WB): 20 °C, Water temperature (inlet/outlet): 60 °C/70 °C						
Heating capacity	W	2250	3950	5750	7200	9400
Water flow	m^3/h	0,22	0.34	0.49	0.62	0.81
Water pressure drop	kPa	10,6	12.2	26.2	27.5	28.2
Heating: Ambient temperature (DB/WB): 20 °C, Water temperature (inlet/outlet): 45 °C/50 °C;						
Heating capacity	W	1350	2500	3350	4300	5200
Water flow	m^3/h	0,23	0.43	0.58	0.74	0.89
Water pressure drop	kPa	10,8	13.1	27.5	27.9	28.5
Cooling: Ambient temperature (DB/WB): 27 °C/19 °C, Water temperature (inlet/outlet): 7 °C/12 °C.						
Cooling capacity	W	1000	1900	2500	3500	4350
Water flow	m^3/h	0,17	0.33	0.43	0.60	0.75
Water pressure drop	kPa	11,1	13.3	27.7	28.3	30.6
Air flow	m^3/h	160	320	460	580	650
Noise pressure at max air flow	dB(A)	40	44	46	47	48
Noise pressure at min air flow	dB(A)	24	27	28	28	30
Power supply		220~240 V / 50 Hz / 1 Ph				
Power input	W	15	20	23	25	32
Piping inlet/outlet	inch	3/4 Male BSP				
Drainage pipe	mm	16				
Dimensions (D×W×H)	mm	695×130×700	895×130×700	1095×130×700	1295×130×700	1495×130×700
Packing dimensions (D×W×H)	mm	740×180×730	940×180×730	1140×180×730	1340×180×730	1540×180×730
Net weight	kg	18	21	24	28	32
Gross weight	kg	20	24	27	31	36

Test conditions:
(1) Heating test conditions:
Based on entering water temp. at 70 °C, difference in temp. have 10 °C and entering air temp. at 20 °C DB .
(2) Heating test conditions:
Based on entering water temp. at 50 °C,difference in temp. have 5 °C and entering air temp. at 20 °C DB .
(3) Cooling test conditions:
Based on entering water temp. at 7 °C,difference in temp. have 5 °C and entering air temp. At 27 °C DB/ 19 °C DB.