

# Air cooled water chiller and heat pump / Low temperature type

## Specification FM- L(R)D

Model	FM- L(R)D						
	25	35	45	65	100	130	
<b>Cooling capacity</b>							
kW	23	33	45	65	95	130	
<b>Heating capacity</b>							
kW	26	35	48	70	105	140	
<b>Power input</b>							
Cooling	kW	7,5	10	14,5	21	32	42
Heating	kW	7,5	9,5	14	19,5	29	39
<b>Compressor</b>	Scroll						
<b>Refrigerant</b>	R410A						
<b>Power</b>	380V/50Hz/3F						
<b>Safety protection</b>	High/low pressure protection, over load protection, phase protection, under-voltage protection, waterflow switch protection, anti-freeze protection						
<b>Water side heat exchanger</b>							
Type	Shell in tube type						
Water pressure drop	kPa	43-45					
Water side working pressure	MPa	1,0					
Pipe dim	DN	40	50	50	65	80	80
<b>Water flow in cooling</b>							
m <sup>3</sup> /h	4	5,6	7,8	11,2	16,5	22,4	
<b>Air side heat exchanger</b>							
Type	Aluminum						
Fan number		1	1	1	2	3	4
Single fan power	kW	0,75	0,75	0,75	0,75	0,75	0,75
<b>Dimension</b>							
Length	mm	1050	1250	1500	2175	3420	2175
Width	mm	1000	1000	1000	1095	1060	2190
Height	mm	1900	1900	1900	1900	1900	1900
<b>Weight</b>							
kg	450	500	700	850	1270	1700	

**Notes:**

- Cooling Condition: Ambient temperature 35°C; evaporator water in/out 12/7°C.
- Heating Condition: Ambient temperature WB 7°C, DB 6°C; condenser water in/out temperature 40/45°C.

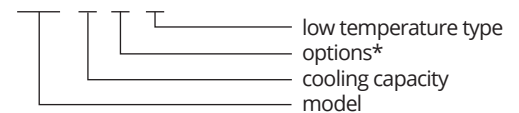
### Basic options:

- ◀ compact design,
- ◀ Scroll compressor,
- ◀ simple panel control,
- ◀ full automatic control.

### Additional options:

- ◀ water pump,
- ◀ expancive tank,
- ◀ metallic filter,
- ◀ flexi connector,
- ◀ rubber anti-vibration mounting,
- ◀ automation adapted for all-year work.

### FM x x D



### options\*:

R – heat pump, L – cooling

