GMW 140-S

Nominal Airflow: 520 l/s

Cooling Capacity (kW)

Entering Air Temperature 23° C D.B., 17° C W.B.

Total = Total Capacity (kW); Sens. = Sensible Capacity (kW)
Note: Cooling capacities are based on the nominal airflow.

COIL	WATER FLOW (l/s)	PRESSURE DROP (kPa)	ENTERING WATER TEMPERATURE °C									
			5		6		7		8		9	
			Total	Sens.	Total	Sens.	Total	Sens.	Total	Sens.	Total	Sens.
2 ROWS	0.37	6.2	9.3	6.8	8.6	6.5	7.9	6.3	7.2	6.0	6.4	5.6
	0.66	15.5	11.1	7.6	10.2	7.2	9.4	6.9	8.5	6.4	7.6	6.1
	0.96	28.4	11.9	8.0	11.0	7.5	10.2	7.2	9.2	6.8	8.3	6.4
3 ROWS	0.40	5.0	10.1	7.3	9.3	7.0	8.6	6.7	7.8	6.4	7.0	6.0
	0.75	15.6	12.0	8.2	11.1	7.8	10.2	7.4	9.2	6.9	8.2	6.5
	1.10	31.0	12.9	8.6	11.9	8.1	11.0	7.7	10.0	7.3	9.0	6.8

Heating Capacity (kW)

Entering Air Temperature 21° C

Note: Heating capacities are total - based on the nominal airflow

COIL	WATER FLOW (l/s)	PRESSURE DROP (kPa)	ENTERING WATER TEMPERATURE °C								
			40	45	50	55	60	65	70	75	80
1 ROW	0.07	4.2	2.5	3.2	3.8	4.5	5.1	5.9	6.9	7.8	8.5
	0.11	9.3	3.1	3.8	4.6	5.4	6.2	7.0	7.8	8.7	9.4
	0.15	16.1	3.3	4.2	5.1	5.9	6.8	7.7	8.5	9.4	10.3

Sound Levels

As measured in an anechoic chamber, 1 m below and to the side of the unit. No allowance for sound reflection within a room. Add 13 dB to convert to Sound Power Levels (SWL).

FAN SPEED	SPL dB(A)	OCTAVE BAND FREQ. Hz					
		125	250	500	1 k	2 k	4 k
		SOUND PRESSURE LEVELS dB					
LOW	37	43	37	36	31	25	17
MED	40	45	40	39	35	29	20
HIGH	43	44	43	41	38	33	25

Air Handling

FAN SPEED	AIR FLOW l/s
LOW	380
MED	440
HIGH	520

Dimensions (mm)

Not to Scale