GMW 140-H

Nominal Airflow: 625 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	0.35	6.2	10.0	7.6	9.3	7.3	8.5	7.0	7.8	6.6	6.9	6.3
	0.65	15.5	12.0	8.5	11.2	8.1	10.3	7.7	9.3	7.2	8.3	6.9
	0.94	28.4	13.2	9.1	12.4	8.6	11.3	8.1	10.3	7.6	9.1	7.2
3 ROWS	0.40	5.0	11.0	8.2	10.1	7.9	9.3	7.6	8.5	7.2	7.6	6.9
	0.75	15.6	13.3	9.2	12.2	8.8	11.2	8.4	10.2	7.9	9.2	7.5
	1.10	31.0	14.5	9.8	13.4	9.3	12.3	8.8	11.2	8.3	10.0	7.8

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	2.7	3.4	4.1	4.8	5.5	6.5	7.4	8.2	8.9
	0.11	9.3	3.3	4.1	4.9	5.9	6.7	7.5	8.4	9.2	10.1
	0.15	16.2	3.6	4.6	5.5	6.5	7.5	8.4	9.4	10.3	11.3

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	43	44	43	42	39	32	24
MED	46	47	47	45	43	36	29
HIGH	51	51	51	49	48	42	35

Air Handling

FAN SPEED	AIR FLOW l/s
LOW	450
MED	520
HIGH	625

Dimensions (mm)

Not to Scale