GMW 80-H

Nominal Airflow: 375 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	0.31	7.3	6.5	4.8	6.0	4.6	5.4	4.4	4.9	4.2	4.5	4.0
	0.64	18.0	7.8	5.3	7.1	5.1	6.5	4.8	5.9	4.6	5.3	4.3
	0.97	32.5	8.4	5.6	7.8	5.3	7.1	5.1	6.4	4.8	5.8	4.5
3 ROWS	0.40	3.7	7.4	5.3	6.8	5.0	6.2	4.8	5.6	4.6	5.1	4.3
	0.86	14.6	8.8	5.9	8.0	5.6	7.4	5.3	6.7	5.0	6.0	4.7
	1.32	31.5	9.4	6.2	8.7	5.9	8.0	5.6	7.2	5.2	6.5	4.9

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	3.0	2.1	2.6	3.1	3.6	4.1	4.6	5.1	5.7	6.1
	0.13	8.9	2.4	3.0	3.6	4.2	4.9	5.5	6.1	6.7	7.4
	0.19	21.5	2.6	3.3	3.9	4.6	5.3	5.9	6.6	7.3	8.0

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	41	41	45	41	35	28	20
MED	43	42	46	44	37	31	24
HIGH	48	48	48	47	44	39	32

Air Handling

FAN SPEED	AIR FLOW l/s
LOW	265
MED	295
HIGH	375

Dimensions (mm)

Not to Scale