

GMW 50-H

Nominal Airflow: 175 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	0.13	9.7	3.4	2.3	3.2	2.2	3.0	2.1	2.7	2.0	2.4	1.9
	0.21	20.0	4.0	2.6	3.7	2.4	3.4	2.3	3.1	2.1	2.7	2.0
	0.28	33.5	4.2	2.7	3.9	2.5	3.6	2.4	3.3	2.2	2.9	2.1
3 ROWS	0.15	6.7	3.8	2.5	3.5	2.4	3.3	2.3	3.0	2.2	2.7	2.1
	0.25	16.7	4.4	2.8	4.1	2.6	3.7	2.5	3.4	2.3	3.0	2.2
	0.35	30.5	4.6	2.9	4.3	2.7	3.9	2.6	3.6	2.4	3.2	2.3

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	0.04	4.4	1.0	1.2	1.5	1.8	2.0	2.2	2.5	2.7	3.0	
	0.06	9.0	1.1	1.4	1.6	2.0	2.2	2.5	2.8	3.1	3.3	
	0.08	15.1	1.2	1.5	1.8	2.1	2.3	2.7	3.0	3.3	3.6	

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	39	39	41	37	32	24
MED	43	40	40	42	39	34	26
HIGH	44	41	42	43	40	35	28

Air Handling

FAN SPEED	AIR FLOW l/s
LOW	155
MED	165
HIGH	175

Dimensions (mm)

Not to Scale

