

# GMW 50-S

Nominal Airflow: 150 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	3.3	2.1	3.0	2.0	2.7	1.9	2.5	1.8	2.3	1.8
	0.20	20.0	3.7	2.3	3.3	2.2	3.1	2.0	2.8	1.9	2.6	1.9
	0.28	33.5	3.9	2.4	3.6	2.2	3.3	2.1	3.0	2.0	2.7	1.9
3 ROWS	0.15	6.7	3.6	2.3	3.3	2.2	3.0	2.1	2.8	2.0	2.5	1.9
	0.25	16.7	4.0	2.5	3.7	2.4	3.4	2.2	3.1	2.1	2.8	2.0
	0.35	30.5	4.2	2.6	3.9	2.4	3.6	2.3	3.3	2.2	2.9	2.0

## 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	4.8	0.9	1.2	1.5	1.7	1.9	2.2	2.4	2.6	2.9	
	0.06	9.0	1.1	1.3	1.6	1.9	2.1	2.4	2.7	3.0	3.2	
	0.08	17.1	1.2	1.4	1.7	2.0	2.3	2.6	2.9	3.1	3.4	

## 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	33	37	32	33	27	19	13
MED	34	38	33	34	28	20	14
HIGH	34	37	33	34	28	22	16

## Air Handling

FAN SPEED	AIR FLOW l/s
LOW	135
MED	140
HIGH	150

## Dimensions (mm)

Not to Scale

