

GMW 70-S

Nominal Airflow: 170 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	0.17	11.8	4.0	2.5	3.7	2.5	3.4	2.3	3.1	2.2	2.8	2.0
	0.31	20.8	4.4	2.7	4.1	2.6	3.8	2.5	3.4	2.3	3.1	2.2
	0.43	32.1	4.6	2.8	4.3	2.7	4.0	2.6	3.6	2.4	3.2	2.2
3 ROWS	0.23	5.9	4.5	2.8	4.1	2.7	3.8	2.5	3.5	2.4	3.1	2.2
	0.41	16.7	4.9	3.0	4.6	2.8	4.2	2.7	3.8	2.5	3.4	2.4
	0.59	32.1	5.1	3.1	4.7	2.9	4.4	2.8	4.0	2.6	3.6	2.4

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	5.3	1.1	1.4	1.7	2.0	2.2	2.5	2.8	3.1	3.4	
	0.06	10.9	1.3	1.6	1.9	2.2	2.5	2.8	3.2	3.5	3.8	
	0.08	18.4	1.3	1.7	2.1	2.4	2.7	3.1	3.4	3.8	4.2	

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	34	27	20	13
MED	34	39	34	35	28	20	14
HIGH	35	40	34	35	30	22	14

Air Handling

FAN SPEED	AIR FLOW l/s
LOW	160
MED	167
HIGH	170

Dimensions (mm)

Not to Scale

