

# GMW 160-H

Nominal Airflow: 815 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	0.36	6.2	11.1	9.0	10.2	8.6	9.4	8.2	8.6	8.0	7.7	7.6
	0.65	15.5	13.9	10.1	12.7	9.6	11.7	9.2	10.7	8.8	9.5	8.3
	0.95	28.4	15.5	10.8	14.3	10.3	13.1	9.8	11.9	9.3	10.8	8.8
3 ROWS	0.40	5.0	12.1	9.7	11.2	9.3	10.3	8.9	9.4	8.6	8.4	8.2
	0.75	15.6	15.3	11.0	14.0	10.4	12.8	10.0	11.7	9.5	10.4	9.0
	1.10	31.0	17.0	11.7	15.7	11.2	14.4	10.7	13.1	10.1	11.8	9.6

## 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	2.9	3.6	4.4	5.1	5.9	7.3	8.1
0.11	9.3	3.6		4.5	5.5	6.4	7.4	8.3	9.2	10.5	11.5	
0.15	16.2	4.0		5.1	6.2	7.3	8.3	9.4	10.5	11.6	12.6	

## 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	51	51	51	50	47	41	35
MED	53	53	53	51	50	44	37
HIGH	55	55	55	53	52	46	40

## Air Handling

FAN SPEED	AIR FLOW l/s
LOW	665
MED	725
HIGH	815

## Dimensions (mm)

Not to Scale

