

IMDL 60-S

Nominal Airflow: 250 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.
3 ROWS	0.11	8.2	4.0	2.9	3.7	2.8	3.4	2.7	3.1	2.6	2.8	2.5
	0.17	18.1	4.8	3.3	4.5	3.1	4.0	3.0	3.7	2.8	3.3	2.7
	0.23	30.6	5.3	3.5	4.9	3.3	4.5	3.1	4.1	3.0	3.6	2.8
4 ROWS	0.15	8.5	5.3	3.4	4.9	3.3	4.5	3.1	4.1	3.0	3.7	2.8
	0.22	17.1	6.0	3.8	5.6	3.6	5.2	3.4	4.7	3.2	4.3	3.0
	0.30	29.4	6.5	4.0	6.1	3.8	5.6	3.6	5.1	3.4	4.6	3.2

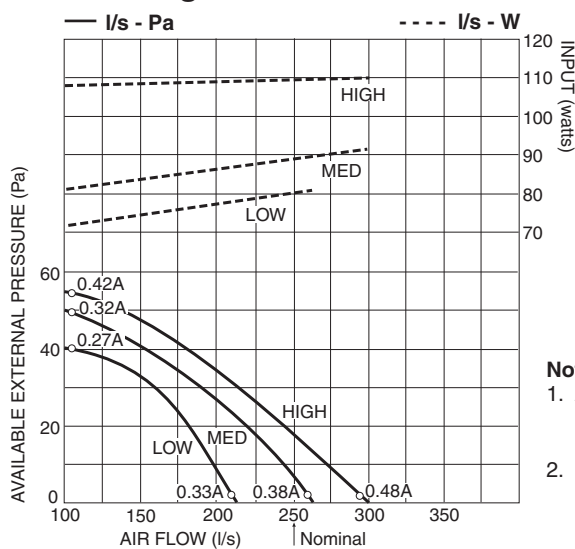
Heating Capacity (kW)

Entering Air Temperature 21°C

Note: Heating capacities are total - based on the nominal airflow. Electric Heating option: 2 kW

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	8.1	1.6	2.1	2.5	2.9	3.4	3.8
0.06	16.8	1.9		2.4	2.8	3.3	3.8	4.3	4.8	5.3	5.8
0.08	28.1	2.0		2.5	3.1	3.6	4.1	4.6	5.1	5.7	6.2

Air Handling



Sound Levels

Test Conditions: JIS 8616. 1 m ducting with 25 mm insulation. Sound Pressure Levels are at 1 m from source.

FAN SPEED	SPL dB(A)	SWL dB(A)	OCTAVE BAND FREQ. Hz					
			125	250	500	1 k	2 k	4 k
			SOUND POWER LEVELS dB					
LOW	32	42	52	44	42	32	27	16
MED	33	43	46	45	43	34	28	17
HIGH	35	45	55	47	44	37	31	21

Note: Return air plenum, filter and standard supply air spigot attached.

Note:

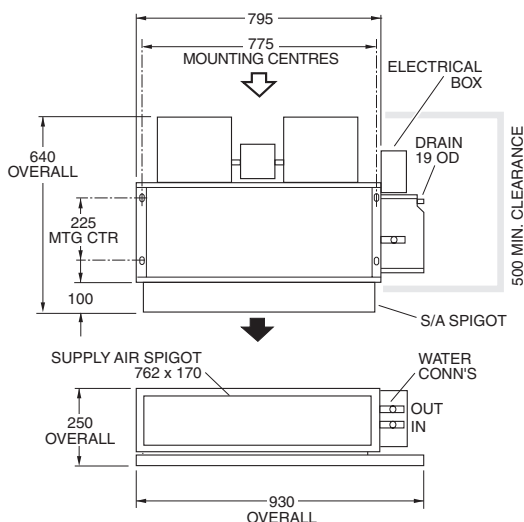
- Air flows given are for a standard unit with rectangular supply air spigot and no filter installed. Refer page 53 for filter pressure drop.
- In a free blow application, beware of exceeding indoor fan motor's full load amp limit.

Dimensions (mm)

Not to Scale

Right Handed models shown

Standard Unit



Standard Unit with Return Air Plenum & Multi-Outlet Supply Air Spigot

