

IJD 1400

Nominal Airflow: 5500 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.
4 ROWS	2.50	9.2	84.5	66.7	77.8	64.0	71.5	61.5	65.2	59.0	58.8	56.5
	3.50	16.2	97.3	72.0	89.5	68.8	82.1	65.8	74.8	62.8	67.4	59.9
	4.50	25.5	106.6	76.0	98.3	72.5	90.0	69.0	82.5	65.9	74.1	62.5
6 ROWS	2.50	13.0	97.9	73.8	90.9	70.9	83.8	68.0	76.6	65.1	69.1	62.1
	3.50	23.5	113.6	80.6	104.6	76.7	96.5	73.3	87.8	69.6	79.5	66.3
	4.50	36.7	123.4	84.9	114.5	80.9	105.4	77.0	96.2	73.1	86.9	69.3

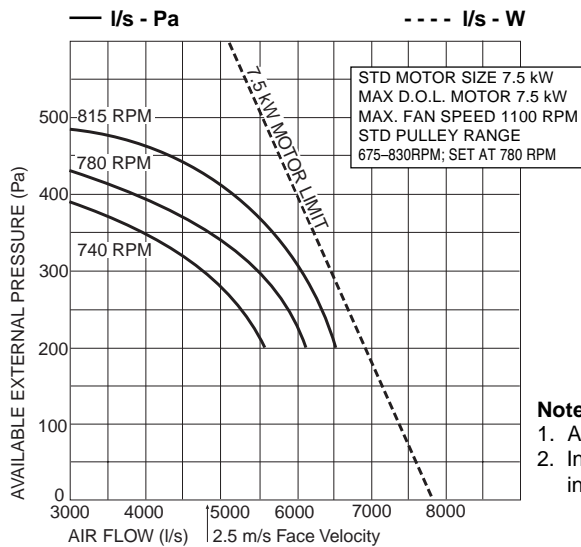
Heating Capacity (kW)

Entering Air Temperature 21°C

Note: Heating capacities are total - based on the nominal airflow. Electric Heating option: 36 kW

COIL	WATER FLOW (l/s)	PRESSURE DROP (kPa)	ENTERING WATER TEMPERATURE °C									
			40	45	50	55	60	65	70	75	80	
1 ROW	2.00	7.9	39.9	50.4	60.8	71.3	81.8	92.3	102.8	113.3	123.8	
	3.00	16.2	43.7	55.2	66.7	78.3	89.8	101.3	112.8	124.3	135.8	
	4.00	27.0	46.3	58.5	70.7	82.8	95.0	107.2	119.4	131.6	143.7	

Air Handling



Note:

1. Air flows given are for a unit with no filter installed.
2. In a free blow application, beware of exceeding indoor fan motor's full load amp limit.

Sound Levels

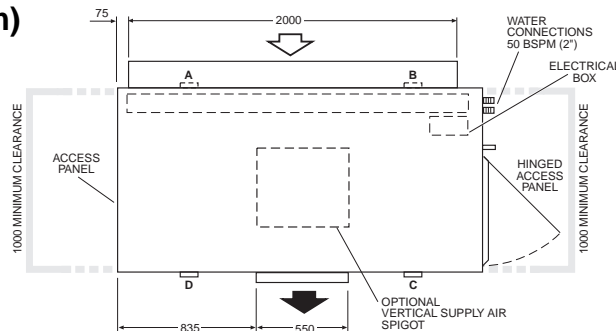
Test Conditions: JIS 8616. 1 m ducting with 25 mm insulation.

Sound Pressure Levels are at 1 m from source.

FAN SPEED RPM	SPL dB(A)	SWL dB(A)	OCTAVE BAND FREQ. Hz					
			125	250	500	1 k	2 k	4 k
740	66	76	75	74	78	63	63	57
780	67	77	78	77	75	70	68	63
815	72	82	82	80	81	76	73	69

Dimensions (mm)

Not to Scale



POINT LOADS (kg) *			
A	B	C	D
115	145	107	78

* 4/1 row coil including water

