

IJD 2000

Nominal Airflow: 7200 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	3.50	6.9	116.2	90.6	107.5	87.1	98.8	83.6	90.1	80.1	81.2	76.6
	5.50	15.3	138.6	100.0	127.4	95.3	117.4	91.1	107.3	87.0	95.9	82.4
	7.50	27.2	152.9	106.2	141.7	101.4	130.4	96.6	117.7	91.2	106.1	86.5
6 ROWS	3.50	9.7	135.6	100.7	125.9	96.6	115.6	92.4	104.7	87.9	94.9	84.0
	5.50	22.5	160.7	111.6	148.7	106.3	137.6	101.7	125.3	96.4	112.7	91.2
	7.50	38.6	176.5	118.8	163.4	112.8	150.1	106.9	136.5	101.1	124.0	95.8

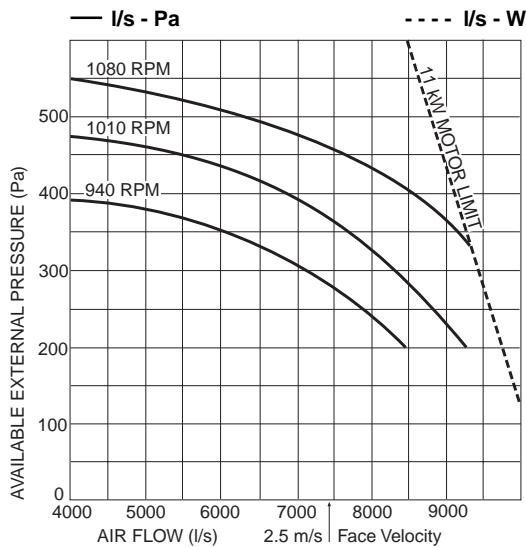
Heating Capacity (kW)

Entering Air Temperature 21°C

Note: Heating capacities are total - based on the nominal airflow. Electric Heating option: 48 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	3.3	51.5	65.0	78.6	92.1	105.7	119.2	132.8	146.3	159.9
	4.00	11.4	59.7	75.3	91.0	106.7	122.4	138.2	153.8	169.5	185.2
	6.00	23.4	64.6	81.6	98.6	115.6	132.6	149.6	166.6	185.6	200.5

Air Handling



STD MOTOR SIZE 11 kW
MAX D.O.L. MOTOR 11 kW
MAX. FAN SPEED 1100 RPM
STD PULLEY RANGE
940-1080 RPM; SET AT 1010 RPM

Sound Levels

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

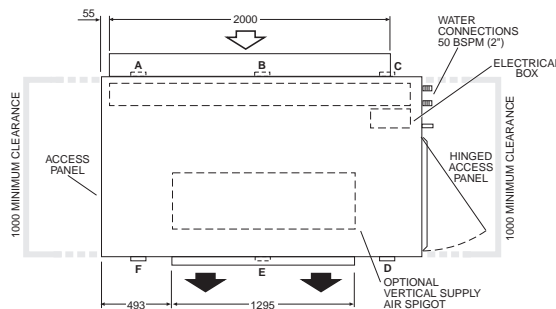
FAN SPEED RPM	SPL dB(A)	SWL dB(A)	OCTAVE BAND FREQ. Hz					
			125	250	500	1 k	2 k	4 k
940	65	75	80	80	72	67	61	57
1010	70	80	84	85	74	70	71	67
1080	79	89	89	90	87	84	81	77

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.

Dimensions (mm)

Not to Scale



POINT LOADS (kg) *					
A	B	C	D	E	F
117	133	149	102	86	70

* 4/1 row coil incl. water

