

IJD 620

Nominal Airflow: 2400 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	1.50	5.5	38.9	30.0	36.1	28.8	32.8	27.5	30.0	26.4	27.1	25.2
	2.50	13.9	46.9	33.3	43.2	31.7	39.4	30.2	36.1	28.8	32.3	27.3
	3.50	24.7	51.6	35.4	47.8	33.7	43.6	31.9	39.8	30.3	35.9	28.8
6 ROWS	1.50	7.8	46.2	33.7	42.6	32.2	39.4	30.9	35.8	29.4	32.3	28.0
	2.50	19.8	54.8	37.5	50.8	35.7	46.8	34.0	42.7	32.2	38.5	30.5
	3.50	36.3	59.5	39.6	55.1	37.6	50.6	35.6	46.6	33.9	41.5	31.7

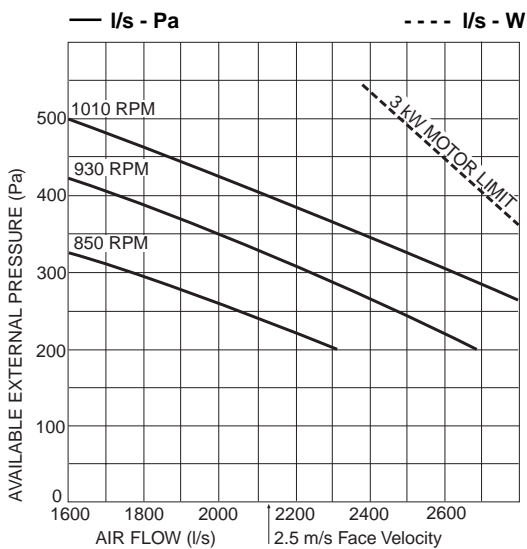
Heating Capacity (kW)

Entering Air Temperature 21°C

Note: Heating capacities are total - based on the nominal airflow. Electric Heating option: 18 kW

COIL	WATER FLOW (l/s)	PRESSURE DROP (kPa)	ENTERING WATER TEMPERATURE °C									
			40	45	50	55	60	65	70	75	80	
1 ROW	1.00	3.6	17.3	21.8	26.3	30.9	35.5	40.0	44.5	49.0	53.6	
	2.00	12.3	19.8	24.8	30.0	35.3	40.5	45.7	50.7	56.0	61.2	
	3.00	24.6	21.2	26.9	32.3	38.0	43.5	49.2	54.6	60.3	66.0	

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 RPM	SPL dB(A)	SWL dB(A)	OCTAVE BAND FREQ. Hz					
			125	250	500	1 k	2 k	4 k
850	68	78	76	77	75	73	69	66
930	70	80	78	78	77	76	73	68
1010	74	84	79	79	79	80	77	71

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

