

IJD 370

Nominal Airflow: 1500 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	7.1	28.0	20.3	25.7	19.4	23.8	18.6	21.5	17.6	19.2	16.7
	2.50	17.7	32.3	22.2	30.1	21.2	27.5	20.1	24.9	19.0	22.6	18.1
	3.50	32.4	34.8	23.3	32.3	22.2	29.7	21.0	27.1	19.9	24.0	18.7
6 ROWS	1.50	10.2	32.9	22.9	30.5	21.8	28.1	20.8	25.6	19.8	23.1	18.7
	2.00	17.2	35.8	24.2	33.1	23.0	30.4	21.8	27.6	20.6	25.2	19.6
	3.00	35.8	39.0	25.7	36.1.	24.3	33.4	23.1	30.4	21.8	27.3	20.4

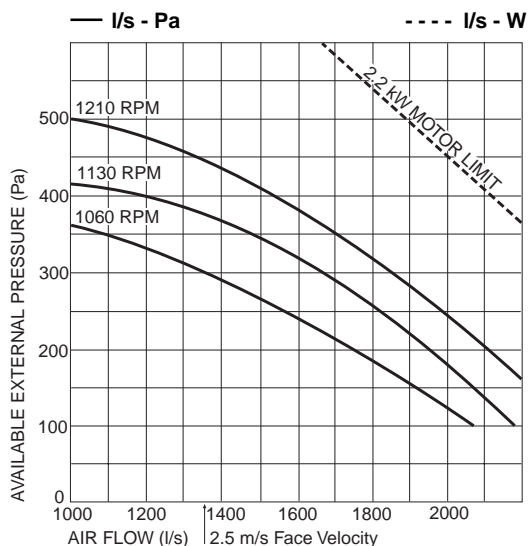
Heating Capacity (kW)

Entering Air Temperature 21°C

Note: Heating capacities are total - based on the nominal airflow. Electric Heating option: 12 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	4.3	11.6	14.7	17.9	21.0	23.9	27.0	30.0	33.1	36.2
	2.00	14.3	13.1	16.6	20.1	23.6	27.1	30.6	34.1	37.5	40.9
	3.00	33.2	14.2	17.9	21.6	25.3	29.0	32.7	36.5	40.1	44.0

Air Handling



STD MOTOR SIZE 2.2 kW
MAX D.O.L. MOTOR 4 kW
MAX. FAN SPEED 2000 RPM
STD PULLEY RANGE
1010-1240 RPM; SET AT 1130 RPM

Sound Levels

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

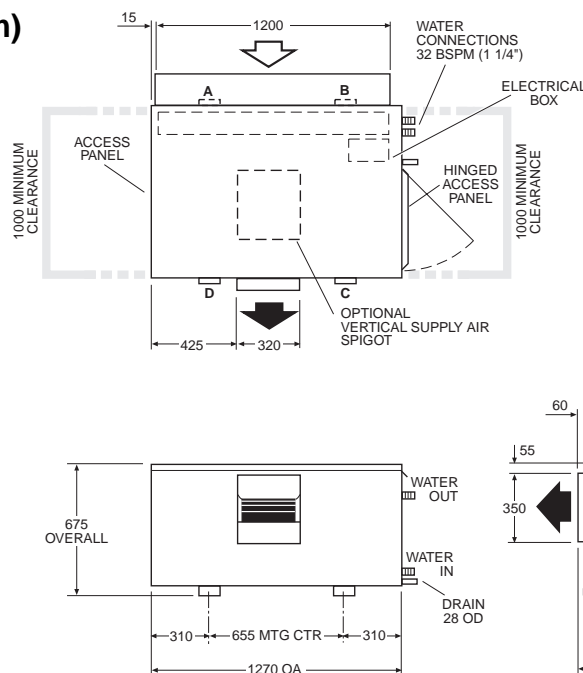
FAN SPEED RPM	SPL dB(A)	SWL dB(A)	OCTAVE BAND FREQ. Hz					
			125	250	500	1 k	2 k	4 k
			SOUND POWER LEVELS dB					
1060	62	72	71	72	71	66	62	57
1130	64	74	72	73	73	68	64	59
1210	66	76	73	74	74	71	66	62

Note:

- Air flows given are for a unit with no filter installed.
- 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
40	52	50	38

* 4/1 row coil including water