



Building Efficiency
Energy Efficient Chilled Water Ductable FCU

CHILL WATER DUCTABLE FCU



Valve Package option

Johnson controls chilled water ductable fan coil units are high efficiency, medium static pressure, modern architecture high cooling capacity and extra-long airflow and lowest noise levels. They are the ideal HVAC solution for both new construction and renovation projects for hotels, apartments, retail centers, office, buildings, and education facilities.

Salient features

- Blue-Tec Protection
- Galvanized Sheet
- Powder Coated Unit
- Medium Static Pressure
- Multi-Channel Air Distribution
- Well Insulated Unit
- Hydrophilic aluminum fins for longer life
- Low Noise Operation
- Wireless Remote
- Optional externally mounted Valve Package with options of 2-way valve, 3-way valve and PICB valve

Technical Specifications

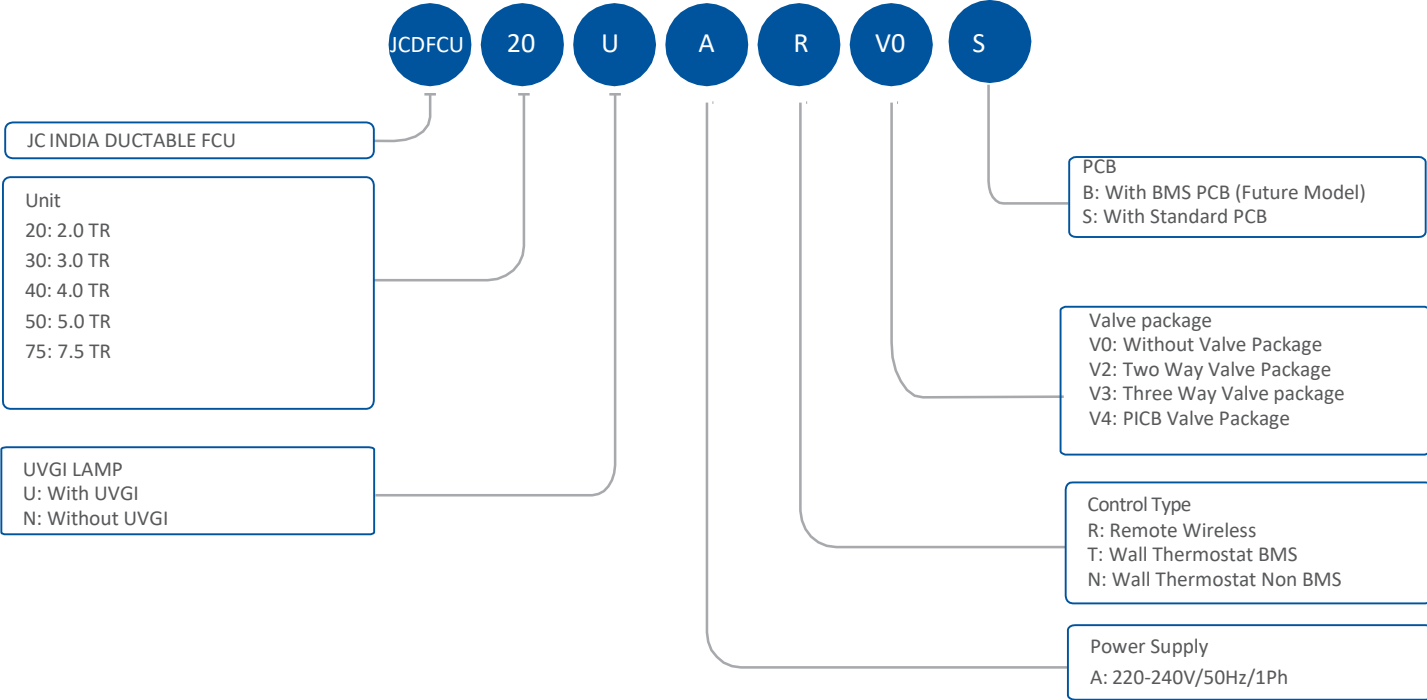
	Model No	JCDFCU20	JCDFCU30	JCDFCU40	JCDFCU50	JCDFCU75
Performance Parameters	Nominal Capacity (TR)	2	3	4	5	7.5
	Voltage / Frequency / Phase (V/Hz/Ph)	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1
	Cooling Capacity (Watt)	7034	10551	14068	17585	26377.5
	Air Flow Volume (CMH)	1360	2040	2720	3398	5097
Filter Details	Filter Configuration	Mesh Filter	Mesh Filter	Mesh Filter	Mesh Filter	Mesh Filter
Evaporator Coil	Type	Hydrophilic Blue	Hydrophilic Blue	Hydrophilic Blue	Bare	Bare
	Face Area (sq Ft)	5.46	9.52	9.61	16.93	22.57
	Length X Height x Depth (mm)	1000x254x44	975X302.8X38.1	978x304.8x66	985x367x88	1148.4x457.2x88
	Tube Outside Diameter (mm)	3/8"	7 mm	3/8"	3/8"	3/8"
	Tube Material / Grooved	Copper Tube / IGT	Copper Tube / IGT	Copper Tube / IGT	Copper Tube / IGT	Copper Tube / IGT
	No of Hair bends	10	24	18	28	36
	No of Row	2	3	3	4	4
	No of circuit	4	3	6	7	6
	Fin Type	Blue	Blue	Blue	Bare	Bare
	FPI	14	16	14	14	16
Fan Motor	Currents	1.3	3.5	3.5	3.5	3.5
	Fan Motor Output Power in Watts $\pm$ 5%	125	400	400	400	400
	Fan Motor rpm $\pm$ 30rpm	1300	1300	1300	1300	1300
Blower Indoor	Blower Size	160x200x1/2"	190X202X1/2"	190X202X1/2"	190x202x1/2"	9"x9"x1/2"
	Material Type	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
	No. of Blower use	2	2	2	2	2
Dimensions	Dimension (W x D x H) mm	1245x485x277	1205x725x330	1205x725x330	1205x725x330	1405x650x480
Weight	(Kg)	37	38	57	66	69
Water Flow	GPM	5	7.5	10	12.5	18.75
Remote		Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote

Notes: Rated Cooling Conditions: Air Inlet at 27 °C - DB / 19.5 °C -WB, Chilled Water Inlet / Outlet at 7°C / 12°C

1 - Nominal Air Flow, Cooling Capacity and Power consumption value mentioned is at high speed

2 - Sound pressure level is at 1m distance from unit in semi anechoic room at atmospheric conditions.

Product Nomenclature



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The Power Behind Your Mission

