

INVESTING IN QUALITY, RELIABILITY & PERFORMANCE



ISO 9001 QUALITY

WORLD LEADING DESIGN AND TECHNOLOGY

Equipped with the latest air-conditioning test rooms and manufacturing technology, we produce over 50,000 fan coil units each year, all conforming to the highest international standards of quality and safety.

Every product is manufactured to meet the stringent requirements of the internationally recognized ISO 9001 standard for quality assurance in design, development and production.



ETL SAFETY STANDARDS

THE HIGHEST STANDARDS OF MANUFACTURING

In order to guarantee the very highest standards and performance, we manage every stage in the manufacturing of our products. Throughout the production process we maintain strict control, starting with our extensive resources in research and development through to the design and manufacturing of almost every individual component, from molded plastics to unit and controller assembly.

All products conform to UL standard for Safety for Heating and Cooling Equipment UL1995 4th Edition, October 14, 2011.

All products conform to CSA standard with Safety for Heating and Cooling Equipment CSA C22.2 No.236-11, 4th Edition, October 14 2011.



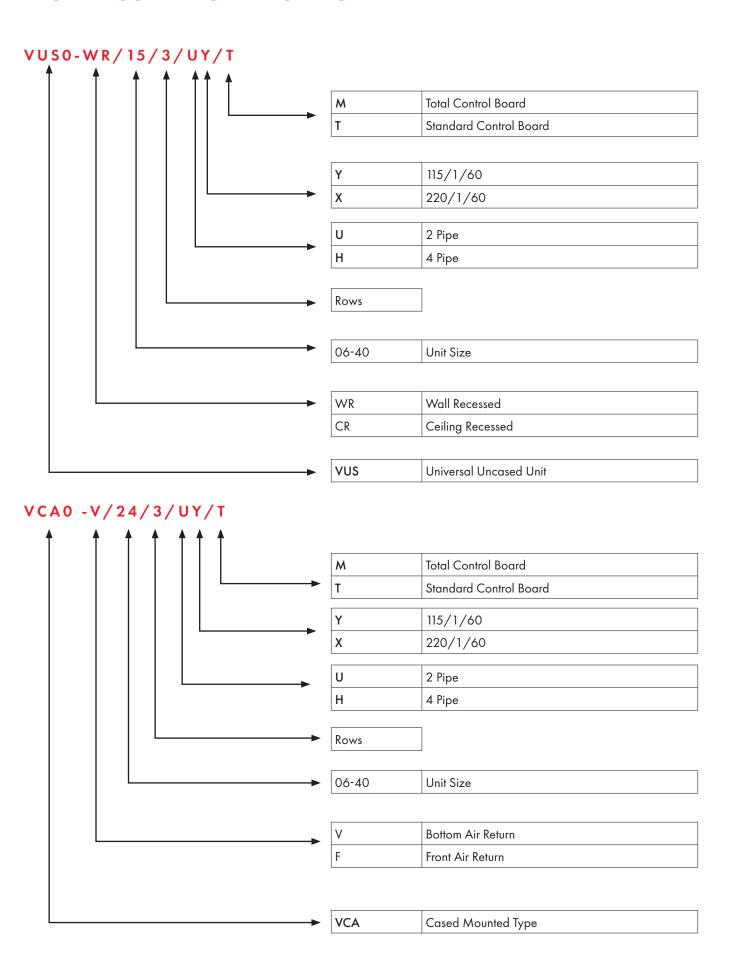
WEEE MARK

THE HIGHEST STANDARDS OF MANUFACTURING

Our highly trained staff and strict quality control methods enable us to produce products with an exceptional reputation for reliability and efficiency, maintained over many years. As well as full CE certification and ISO 9001, several products ranges have UL / ETL safety approval in the USA and Canada, Eurovent performance and sound certification as well as ROHS compliance for Europe, giving you the confidence of knowing our company is the right choice when selecting fan coil units.

All products conform to the "WEEE" directive to guarantee correct standards of environmental solutions.

MODEL CODE NOMENCLATURE





TECHNICAL DATA

GENERAL DESCRIPTION

The Universal Fan Coil is designed to meet and exceed the demanding requirements for efficiency and quiet operation.

STRUCTURE

The bearing structure is made of galvanized sheet-steel with openings for attaching the unit to the wall/ceiling. The "V" type drain pan ensures the unit can be installed vertically or horizontally. Fire resistant insulation is fitted internally to provide both thermal and acoustic insulation.

CABINET

The cabinet is made of galvanized-steel which is resistant to rust, corrosion, chemical agents, solvents, aliphatic compounds and alcohols. The cabinet has thermal acoustic internal insulation and openings to hang the unit from.

AIR DELIVERY GRILLE

The air delivery grille has fixed fins. Painted with RAL 9010, the steel cabinet has an ABS air discharge grille (only for VCA0) and is supplied with small side doors for easy access to the control panel.

COIL

Constructed with seamless copper tubes and headers. The tubes are mechanically expanded into corrugated aluminum fin material for a permanent primary to secondary surface bond. Coils are tested at 362 psi and recommended for maximum operating at 232 psi. Coils include manual air vent and water purge valve.

FAN SECTION

The fan section includes 1 or 2 centrifugal fans consisting of double air inlet blades made of forward curving metal fins that are directly attached to the EC motor. The fan section is statically and dynamically balanced. Wide diameter fans create high air flow and high static pressure while fewer revolutions generate a low noise level.

EC MOTOR

The unit uses an EC motor with driven controls PCB, a constant torque, permanent magnet, brushless DC motor with preliminary 3-speed setting that allow for precise air balancing.

AIR FILTER

Reusable wire framed filters are fitted and may be vacuum cleaned. Merv 8 efficiency 3M HAF filter is optional.

COMPLETE CONTROL

The PCB (printed circuit board) microprocessor controls functionality of the indoor-fan motor, water valves (ON/OFF or modulating) and electric heater (optional), to maintain room conditions at a user-defined set point. Temperature settings, fan speeds and other control functions can be changed by either infrared handset or wired wall pad (currently not available in North America). 2pcs of 40 VA 24 V AC transformer are equipped with unit, which is used to supply 24 V AC power ON/OFF valve or modulating valve.

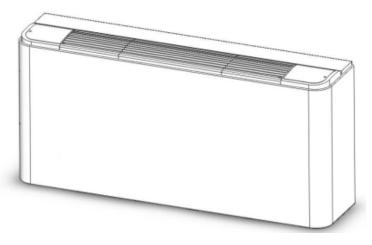
STANDARD CONTROL

A 24 V AC signal from the thermostat which working power is from R and C. When any of G2/G1/G0 is powered ON or Modulating signal is more than 2.0 V DC, the stepping motor is working and open the louver at maximum position. When all of G2/G1/G0 is powered OFF or modulating valve is less than 2.0 V DC, the stepping motor will close the louver. The condensate pump will run continuously, as long as coil temperature is less than 59°F. Alarm notification and zone control function are available.

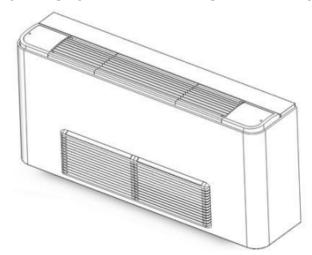
40 V AC 24 V AC transformer is equipped with unit, which is used to supply 24 V AC power to thermostat and modulating valve.



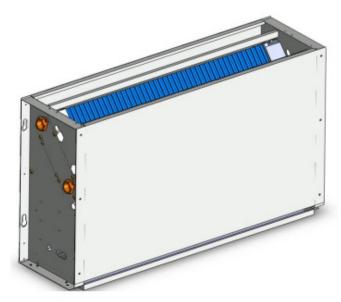
UNIT APPEARANCE



VCAO-V - CASED WITH VERTICAL AIR RETURN



VCAO-F - CASED WITH HORIZONTAL AIR RETURN



VUSO-WR/CR - UNCASED. FOR WALL OR CEILING RECESSED APPLICATION

2-PIPE SYSTEMS

VUS/VCA - 2 PIPE UNITS - 3 ROW

		VUS/VCA - [SIZE]			6	9	12	15	18	24	30	36	40	
	Z	CONFIGUR	RATION				,	ı	2-PIPE	,	,			
	ATIC	NUMBER OF FA	NUMBER OF FAN BLOWERS			SINGLE TWIN FOUR								
	3UR.								220/1/60					
	PH PH	POWER SUPPLY		V/PH/HZ										
NITCON				115/1/60										
		OPERATION (~M: Complete Control										
	5								Standard Co					
	~	A ID 51 0047	H		194	296	398	494	571	794	926		1296	
	AIR	AIR FLOW	M	CFM	165	254	318	410 357	486	688	847		1196	
			H		116 5543	201	265	13189	398	582 19974	720 23529		1000	
		COOLING CARACITY	М		4881	7991 7111	10375 8846	11509	15183 13380	17938	21891		32446 30777	
	COOLING	COOLING CAPACITY	L		3720	5961	7622	10353	11448	15772	19379		26850	
	Пос		Н	BTU/Hr	3771	5440	7126	8998	10286	13850	16218		22230	
	8	SENSIBLE COOLING	M		3283	4788	5987	7754	8987	12309	14968		21004	
		CAPACITY	L		2475	3988	5137	6940	7654	10767	13164	14602	18102	
			Н		8618	12422	16129	20503	23602	31050	36576	44510	50438	
		HEATING CAPACITY	М	BTU/Hr	7588	11055	13751	17891	20800	27885	34031	40333	47844	
	<u>Z</u>		L		5783	9266	11849	16094	17797	24518	30125	33599	41739	
	HEATING	MAX. ELECTRIC HEA CAPACITY@115V	MAX. ELECTRIC HEATER CAPACITY@115V			1.5		2			;	3		
		MAX. ELECTRIC HEA CAPACITY@220\	ATER	KW	0.5	0.5		1			1	.5		
PERFORMANCE DATA CONSTRUCTION AND			Н		17	26	38	44	52	87	100	128	182	
	٩٢	FAN MOTOR POWER	М	W	13	15	23	30	36	60	71	92	147	
	RIC,		L		8	11	13	22	23	40	51	56	92	
RMA	ELECTRICAL	FAN MOTOR RUNNING CI 115V		A	0.30	0.45	0.66	0.77	0.90	1.51	1.74	2.23	3.17	
PERFORMANCE DATA		FAN MOTOR RUNNING CI 220V	URRENT @	A	0.15	0.24	0.35	0.40	0.47	0.79	0.91	1.16	1.65	
	۵	SOUND PRESSURE LEVEL	Н		41/39/33	43/40/36	46/43/39	51/46/43	51/48/44	51/48/46	55/51/49	57/54/50	60/58/56	
	SOUND	SOUND POWER LEVEL	М	dB(A)	50/48/42	52/49/45	55/52/48	60/55/52	60/57/53	60/57/55	64/60/58	66/63/59	69/67/65	
		6001111011117	Н		1.1	1.6	2.1	2.6	3	4	4.7	5.7	6.4	
		COOLING WATER FLOW RATE	М	GPM	1	1.4	1.8	2.3	2.6	3.5	4.3	5.1	6.1	
		ILOW RAIL	L		0.7	1.2	1.5	2	2.3	3.1	3.8	4.3	5.3	
		COOLING PRESSURE	Н	-	2.4	4.9	3	5.2	6.9	2.1	3.1	4.7	6.3	
	υ	DROP	M	PD FT	2	4.0	2.3	4.1	5.6	1.8	2.7	4	5.8	
	AULI		L		1.2	2.9	1.8	3.4	4.3	1.4	2.2		4.6	
	HYDRAULIC	HEATING WATER FLOW	H M	GPM	1.1	1.6	1.0	2.6	3	3.9	4.7	-	6.4	
	È	RATE	L	GrM	0.7	1.4	1.8	2.3	2.6	3.5	3.8		6.1 5.3	
			Н		2.2	4.4	2.7	4.7	6.2	1.9	2.8	1138 1006 794 28632 25945 21613 19674 17653 14602 44510 40333 33599 3 1.5 128 92 56 2.23 1.16 9 57/54/50 8 66/63/59 5.7 5.1 4.3 4.7 4 2.9 5.7 5.1 4.3 4.3 3.6 2.6 0.58	5.7	
		HEATING PRESSURE	M	PD FT	1.8	3.6	2.7	3.7	5	1.6	2.5		5.2	
		DROP	L	1	1.1	2.7	1.6	3.1	3.8	1.3	2.3		4.1	
		WATER CONTEN		GAL	0.17	0.19	0.25	0.31	0.33	0.46	0.52		0.64	
		WATER	T	ype		1			Threaded fe			1		
	Z Z	CONNECTIONS	ln O											
	DATA		CONDENSATE DRAINAGE						3/4					
		CONNECTION	L		33-3/4	35-3/4	41-5/8	47-9/16	49-1/2	69-3/16	69-3/16	75-1/8	81	
	STR	DIMENSIONS	W	INCH	00 0/ 4	00 0/ 4	1. 5/ 0	1, 7, 10	9-13/16	3, 3, 10	1 37 37 10	, , , , , ,	- 01	
	Z &		Н	1					19-7/16			1138 1006 794 28632 25945 21613 19674 17653 14602 44510 40333 33599 3 1.5 128 92 56 2.23 1.16 9 57/54/50 8 66/63/59 5.7 5.1 4.3 4.7 4 2.9 5.7 5.1 4.3 4.3 3.6 2.6 0.58		
		NET WEIGHT		LBS	49	53	57	66	71	95	104		119	
				1		1	1		1	1				

COOLING MODE (2-PIPE/ 4-PIPE)

- Return air temperature: 80°F DB/ 67°F WB.

- Inlet/ outlet water temperature: 45°F/55°F.

HEATING MODE (2-PIPE)

- Return air temperature: 70°F.

- Inlet water temperature: 140°F.

(ALL DIMENSIONS ARE APPROXIMATE WITHIN 1/16 OF AN INCH OF THOSE INDICATED)



The manufacturer reserves the right to make changes to the design, colour and specifications of the product shown. All images are for illustrative purposes only and some features such as grilles are optional accessories and not considered as standard equipment

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VUS/VCA - 2 PIPE UNITS - 4 ROW

		VUS/VCA - [SIZE]			6	9	12	15	18	24	30	36	40
	7	CONFIGUR	ATION		, in the second	,		.0					
	ē	NUMBER OF FAI			SINGLE		TW	/IN			FC	IIR	
=	<u>₹</u>	TOMBER OF TAI	T DEO TT ERO		OII TOLL				220 /1 /60				
E Z	<u>ਹ</u> ੋਂ	POWER SUPPLY		V/PH/HZ									
	CONFIGURATION					,				- ntral			
	ŏ	OPERATION C	CONTROL										
	-4		Н		194	296	398	494	<i>57</i> 1	794	926	1138	1296
	AIR	AIR FLOW	М	CFM	165	254	318	410	486	688	847	1006	1196
			L		116	201	265	357	398	582	720	794	1000
			H		6056	8593	11235	13695					38327
	Ď	COOLING CAPACITY	M		5333	7647	9579	11950					36356
	COOLING		L	BTU/Hr	4064	6410	8254	10750					31717
	Š	SENSIBLE COOLING	H		3969	5730	7455	9146					25562
		CAPACITY	M L		3455 2605	5043 4201	6263 5373	7881 7054					24152
			н		9415	13358	17465	21289					59581
		HEATING CAPACITY	M	BTU/Hr	8290	11888	14890	18577					56517
	Ŋ N		L		6317	9964	12831	16711	18971	28116	35844	38847	49305
	HEATING	MAX. ELECTRIC HEA	TER		1	1.5	2	2	2	3	3	3	3
	Ξ	CAPACITY@220V		KW	'	1.5				3		3	<u> </u>
		MAX. ELECTRIC HEA CAPACITY@115V	IEK		0.5	0.5	1	1	1	1.5	1.5	1.5	1.5
₹			Н		17	26	38	44	52	87	100	128	182
Φ Q	٩F	FAN MOTOR POWER	М	W	13	15	23	30	36	60	<i>7</i> 1	1138 1006 794 33105 29998 24989 21964 19708 16302 51463 46333 38847 3 1.5 128 92 56 2.23 1.16 9 57/54/50 60 8 66/63/59 69 6.5 5.9 4.9 24.7 20.9 15.3 6.54 5.92 4.93 22.2 18.8 13.8 0.77	147
Š	RIC		L		8	11	13	22	23	40	51	56	92
WA	ELECTRICAL	FAN MOTOR RUNNING CL 115V	JRRENT @	Α	0.30	0.45	0.66	0.77	0.90	1.51	1.74	1138 12 1006 1 794 10 33105 38 29998 36 24989 31 21964 25 16302 20 51463 59 46333 56 46333 56 248847 49 3 1.5 128 1 92 1 56 2.23 3 1.16 1 49 57/54/50 60/3 58 66/63/59 69/3 6.5 5.9 7 4.9 6 24.7 3 20.9 3 15.3 2 6.5 4.93 6 6.5 7 5.92 7 4.93 6 6.54 7 5.92 7 6.54 7 6.75 128 128 138 220.9 33 15.3 220.9 30 15.3 220.9 32 15.3 220.9 32 15.	3.17
S.	<u> </u>	FAN MOTOR RUNNING CL	JRRENT @	А	0.15	0.24	0.35	0.40	2-PIPE 220/1/60 115/1/60 M: Complete Control -T: Standard Control -T:	1 16	1.65		
PERFORMAN		220V	^										
	ΔŽ	SOUND PRESSURE LEVEL		dB(A)	41/39/33	43/40/36	46/43/39	51/46/43	51/48/44	51/48/46	55/51/49	5//54/50	60/58/56
	SOUND	SOUND POWER LEV	/EL	db(A)	50/48/42	52/49/45	55/52/48	60/55/52	60/57/53	60/57/55	FOUR 926 1138 847 1006 720 794 27995 33103 26048 29999 23058 24986 18627 21964 17192 19700 15119 16303 43520 51463 40492 46333 35844 38844 3 3 1.5 1.5 100 128 71 92 51 56 1.74 2.23 0.91 1.16 55/51/49 57/54/ 64/60/58 66/63/ 5.5 6.5 5.1 5.9 4.6 4.9 16.9 24.7 15 20.9 12.2 15.3 5.53 6.54 5.14 5.92 4.55 4.93 15.2 22.2 13.5 18.8 10.9 13.8 0.69 0.77	66/63/59	69/67/65
			Н		1.2	1.7	2.2	2.7	3.2	4.5	5.5	FOUR FOUR F	7.6
		COOLING WATER	М	GPM	1.1	1.5	1.9	2.4	2.8	4.1	5.1		7.2
		FLOW RATE	L		0.8	1.3	1.6	2.1	2.4	3.6	4.6	4.9	6.3
		COOLING PRESSURE	Н		25.1	7.4	13.8	7.4	10.3	10.9	16.9	24.7	34.6
	U	COOLING PRESSURE DROP	М	PD FT	20.2	6	10.5	5.9				20.9	31.7
	DRAULIC		L		12.8	4.5	8.2	4.9					25.1
	DR⊅	HEATING WATER FLOW	Н	0011	1.2	7.2	2.22						7.57
	Ŧ	RATE	M L	GPM	1.05 0.8	1.51 1.27	1.89 1.63						
			Н		22.6	6.6	12.4						
		HEATING PRESSURE	M	PD FT	18.2	5.4	9.5						25.5
		DROP	L		11.5	4	7.3						22.6
		WATER CONTENT		GAL	0.23	0.26	0.3	30 36 60 71 92 14 22 23 40 51 56 92 0.77 0.90 1.51 1.74 2.23 3.1 0.40 0.47 0.79 0.91 1.16 1.6 39 51/46/43 51/48/44 51/48/46 55/51/49 57/54/50 60/58 48 60/55/52 60/57/53 60/57/55 64/60/58 66/63/59 69/67 2.7 3.2 4.5 5.5 6.5 7.6 2.4 2.8 4.1 5.1 5.9 7.2 2.1 2.4 3.6 4.6 4.9 6.3 7.4 10.3 10.9 16.9 24.7 34. 5.9 8.3 9.1 15 20.9 31. 4.9 6.4 7.3 12.2 15.3 25 2.7 3.2 4.52 5.53 6.54 7.5 2.36 2.82 4.06 5.14 5.92 7.1 2.12 2.41 3.57 4.55 4.93 6.2 6.6 9.3 9.8 15.2 22.2 31. 5.3 7.5 8.1 13.5 18.8 25. 4.4 5.7 6.5 10.9 13.8 22. 0.42 0.44 0.61 0.69 0.77 0.8	0.85				
		WATER		pe						male			
Z	4	CONNECTIONS	In .										
Z	ATA	CONDENSATE DRAIN	Out AGE	INCH					3/4				
PERFORMANCE DATA CONSTRUCTION AND	δ	CONNECTION				T			Г	Г			
	¥		L		33-3/4	35-3/4	41-5/8	47-9/16		69-3/16	69-3/16	75-1/8	81
S	PA	DIMENSIONS	W	INCH									
6) IET WEIGHT	Н	100	40	50	57	,,		0.5	10.4	100	110
		NET WEIGHT		LBS	49	53	57	66	/1	95	104	108	119

COOLING MODE (2-PIPE)

- Return air temperature: 80°F DB/ 67°F WB.

- Inlet/ outlet water temperature: 45°F/55°F.

HEATING MODE (2-PIPE)

- Return air temperature: 70°F.

- Inlet water temperature: 140°F.

(ALL DIMENSIONS ARE APPROXIMATE WITHIN 1/16 OF AN INCH OF THOSE INDICATED)



4-PIPE SYSTEMS

VUS/VCA - 4 PIPE UNITS - 3+1 ROW

		VUS/VCA - [SIZE]			6	9	12	15	18	24	30	36	40		
Z		CONFIGURA	4-PIPE												
	<u></u>	NUMBER OF FAN	BLOWE	RS	SINGLE		TV	/IN			FO	UR			
NIT		POWER SUPPLY	220/1/60 115/1/60												
POWER SUPPLY OPERATION CONTROL							~M: Complete Control ~T: Standard Control								
	ტ		H		6214	8816	11747	14594	16377	22719	26377	31485	35540		
a	HEATING	HEATING CAPACITY	М	BTU/Hr	5496	7773	9990	12732	14693	20581	24542	28807	33553		
DATA	HEA		L		4184	6589	8645	11364	12628	17992	21725	24157	29540		
PERFORMANCE		HEATING WATER FLOW	Н		0.3	0.4	0.6	0.7	0.8	1.1	1.3	FOUR 77 31485 3 42 28807 3 25 24157 2 3 1.6 2 1.4 1 1 1.2 2.9 7 2.5 4 1.8	1.8		
Z		RATE	М	GPM	0.3	0.4	0.5	0.6	0.7	1	1.2	1.4	1.7		
Ž		KAIL	L		0.2	0.3	0.4	0.6	0.6	0.9	1.1		1.5		
Q.	PΔ	HEATING PRESSURE	Н		0.5	0.9	1.8	3.2	4.1	1.3	2		3.9		
품	JR.	DROP	М	PD FT	0.4	0.7	1.4	2.5	3.4	1.1	1.7	2.5	3.6		
H	HYDRAULIC	DKOF	L		0.2	0.6	1.1	2.1	2.6	0.9	1.4	1.8	2.9		
		WATER CONTENT		gal	0.06	0.07	0.08	0.1	0.11	0.15	0.17	0.19	0.21		
		WATER CONNECTIONS	In	INCH	1/2										

HEATING MODE (4-PIPE)

- Return air temperature: 70°F.
- Inlet/Outlet Water Temperature 180/140°F

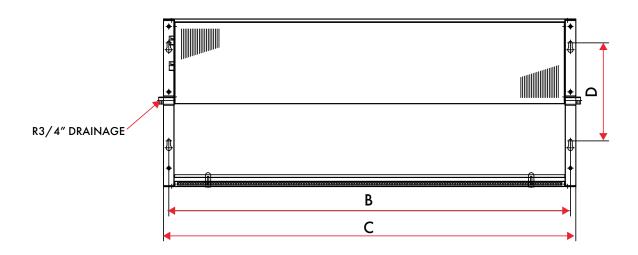
NOTE

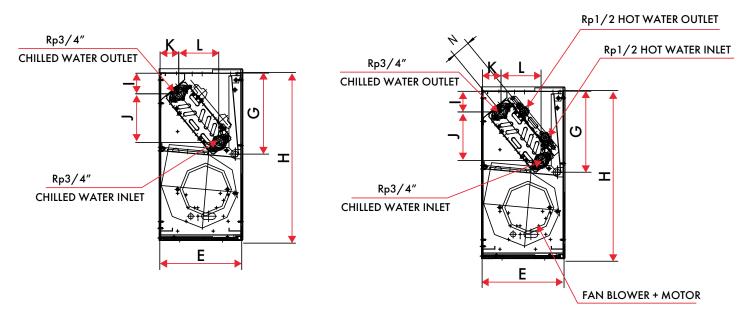
Cooling Performance will be identical to VUS/VCA-2Pipe-3 Row on Page 5.



DIMENSIONAL DRAWINGS

DIMENSIONAL DRAWINGS: VUS SERIES - UNCASED

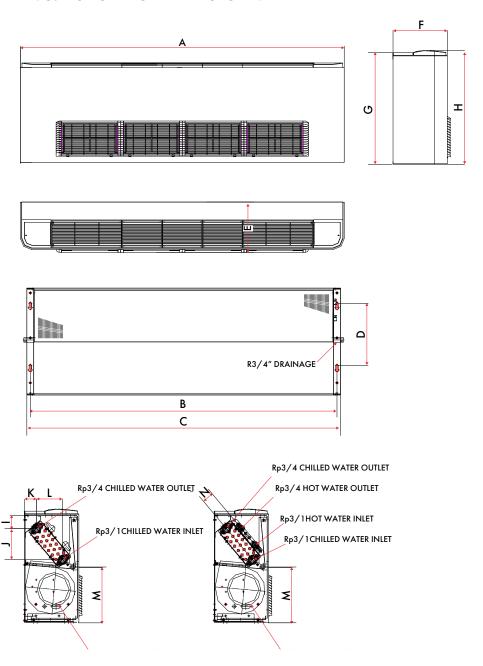




MODEL	В	С	D	Е	G	Н	1	J	K	L	N
VUS-06	22-3/4	23-15/16	10-5/8	9-1/16	8-3/4	18-1/8	2-1/4	5-1/4	2-1/16	4-7/16	2
VUS-09	24-3/4	25-15/16	10-5/8	9-1/16	8-3/4	18-1/8	2-1/4	5-1/4	2-1/16	4-7/16	2
VUS-12	30-5/8	31-13/16	10-5/8	9-1/16	8-3/4	18-1/8	2-1/4	5-1/4	2-1/16	4-7/16	2
VUS-15	36-9/16	37-3/4	10-5/8	9-1/16	8-3/4	18-1/8	2-1/4	5-1/4	2-1/16	4-7/16	2
VUS-18	38-1/2	39-11/16	10-5/8	9-1/16	8-3/4	18-1/8	2-1/4	5-1/4	2-1/16	4-7/16	2
VUS-24	58-3/16	59-3/8	10-5/8	9-1/16	8-3/4	18-1/8	2-1/4	5-1/4	2-1/16	4-7/16	2
VUS-30	58-3/16	59-3/8	10-5/8	9-1/16	8-3/4	18-1/8	2-1/4	5-1/4	2-1/16	4-7/16	2
VUS-36	64-1/16	65-1/4	10-5/8	9-1/16	8-3/4	18-1/8	2-1/4	5-1/4	2-1/16	4-7/16	2
VUS-40	70	71-3/16	10-5/8	9-1/16	8-3/4	18-1/8	2-1/4	5-1/4	2-1/16	4-7/16	2

VERANCE BY MDL SOLUTION

DIMENSIONAL DRAWINGS: VCA SERIES - WITH CASING



MODEL	А	В	С	D	Е	F	G	Н		J	K	L	М	Ν
VCA-06	33-3/4	22-3/4	23-15/16	10-5/8	9-13/16	9-1/4	19-1/16	19-7/16	2-1/4	5-1/4	2-1/16	4-7/16	9-1/2	2
VCA-09	35-3/4	24-3/4	25-15/16	10-5/8	9-13/16	9-1/4	19-1/16	19-7/16	2-1/4	5-1/4	2-1/16	4-7/16	9-1/2	2
VCA-12	41-5/8	30-5/8	31-13/16	10-5/8	9-13/16	9-1/4	19-1/16	19-7/16	2-1/4	5-1/4	2-1/16	4-7/16	9-1/2	2
VCA-15	47-9/16	36-9/16	37-3/4	10-5/8	9-13/16	9-1/4	19-1/16	19-7/16	2-1/4	5-1/4	2-1/16	4-7/16	9-1/2	2
VCA-18	49-1/2	38-1/2	39-11/16	10-5/8	9-13/16	9-1/4	19-1/16	19-7/16	2-1/4	5-1/4	2-1/16	4-7/16	9-1/2	2
VCA-24	69-3/16	58-3/16	59-3/8	10-5/8	9-13/16	9-1/4	19-1/16	19-7/16	2-1/4	5-1/4	2-1/16	4-7/16	9-1/2	2
VCA-30	69-3/16	58-3/16	59-3/8	10-5/8	9-13/16	9-1/4	19-1/16	19-7/16	2-1/4	5-1/4	2-1/16	4-7/16	9-1/2	2
VCA-36	<i>7</i> 5-1/8	64-1/16	65-1/4	10-5/8	9-13/16	9-1/4	19-1/16	19-7/16	2-1/4	5-1/4	2-1/16	4-7/16	9-1/2	2
VCA-40	81	70	71-3/16	10-5/8	9-13/16	9-1/4	19-1/16	19-7/16	2-1/4	5-1/4	2-1/16	4-7/16	9-1/2	2

ALL DIMENSIONS ARE IN INCHES



ACCESSORIES

CONTROL ACCESSORIES



INFRA-RED HANDSET CONTROLLER + WALL HOLDER AVAILABLE WITH COMPLETE CONTROL BOARD

With global control functionality for main and secondary unit groups (Currently not available in North America).



ABS EXTERNAL LED RECEIVER

IR receiver in ABS housing with up to 70in length prewiring, which can be connected with S type controls only. LED lights show working mode or error code (Currently not available in North America).



The manufacturer reserves the right to make changes to the design, colour and specifications of the product shown. All images are for illustrative purposes only and some features such as grilles are optional accessories and not considered as standard equipment

DIPS SWITCH CONFIGURATION SERVICE

AVAILABLE WITH COMPLETE CONTROL BOARD

Preset DIP switches for master/slave option, 2/4-pipe, preheat temperature, operation mode settings.



UNIVERSAL EC THERMOSTAT

AVAILABLE WITH STANDARD CONTROL BOARD

Main functions 2-pipe, 4-pipe, 2-pipe + floor heating mode, floor heating, cooling. AC/EC motor 3-speed control.



UNLIMITED WIRED WALL PAD CONTROLLER

AVAILABLE WITH COMPLETE CONTROL BOARD

Features 7 day on/off timer program. Addressable main and secondary units allowing control of up to 32 secondary units via a single main unit with set or check of each unit parameters individually. Error display with addressable error diagnostic(main unit wall pad displays secondary unit address and error type). One Touch Global Control(Global Control Main Unit Wall Pad controls all units in the group). Complete with Onboard Room Air Temperature Sensor (Currently not available in North America).

ACCESSORIES

UNIT ACCESSORIES



AUXILIARY HEATING COILS

Easy to install heating coil for 4 pipe application



ELECTRICAL HEATERS

The electric heater is supplied for winter heating as an alternative to the auxiliary hot water coil. We offer a complete range of PTC (Postive Thermal Coefficent) electric heaters kits, easy to connect to control box, with mounting fixture. The electric heater configuration is selectable by DIP switch on the internal control board to all electric heater options of the same design.



VALVES + ACTUATOR

2-way or 3-way valve with motorized 24V on/off or modulation actuator. 0.3W power consumption on actuator. 350 psi body rating with 75 psi close-off pressure for valves.



AUXILIARY DRAIN PANS FOR VERTICAL OR HORIZONTAL INSTALLATIONS

Painted steel drain pans for suspended ceiling, built -in horizontal or floor standing fixed wall installation with right or left side coil connections



PLASTIC FEET FOR FLOOR STANDING UNIT

FOR DECORATIVE CABINET APPLICATIONS ONLY

See technical manual for further information.



The data presented in this document is correct at time of publication. Illustrations may include optional accessories. Due to continuous research and development, and the desire to improve the quality of our products, MDL Solutions reserves the right to make changes regarding design and specifications without prior notice.

MDL SOLUTIONS

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