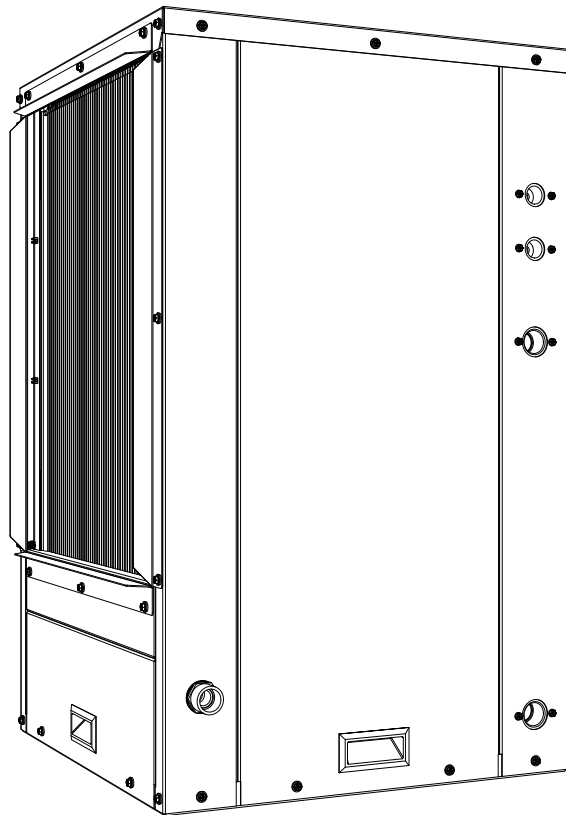


Engineering Data



MODELS VS/VT 006 - 072 VERTICAL PACKAGED SYSTEMS WATER-TO-AIR HEAT PUMPS



Project Name: _____
Engineer: _____
Contractor: _____
Architect: _____
Date Received: _____
Date Submitted: _____

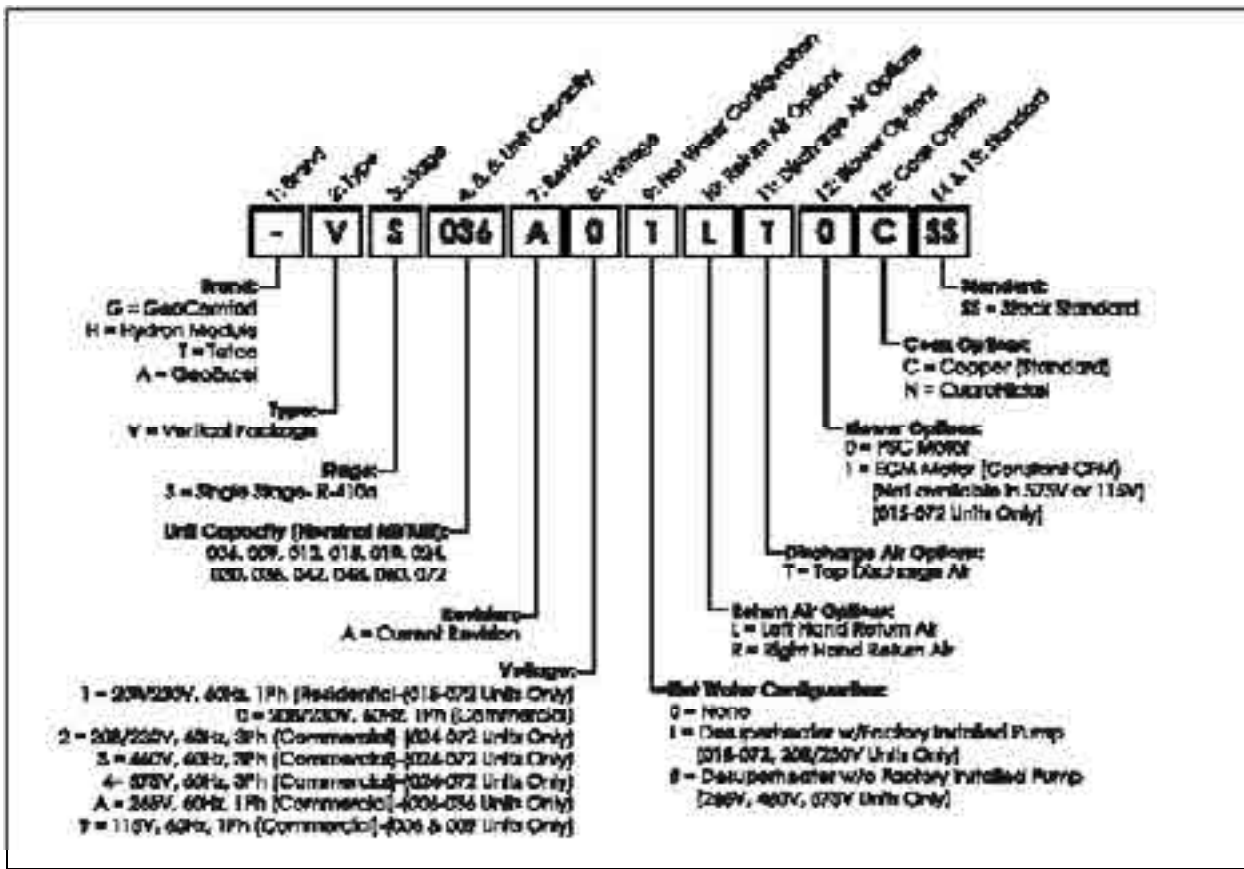
Unit Tag	Model Number
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_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
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_____	_____
_____	_____
_____	_____

Notes: _____

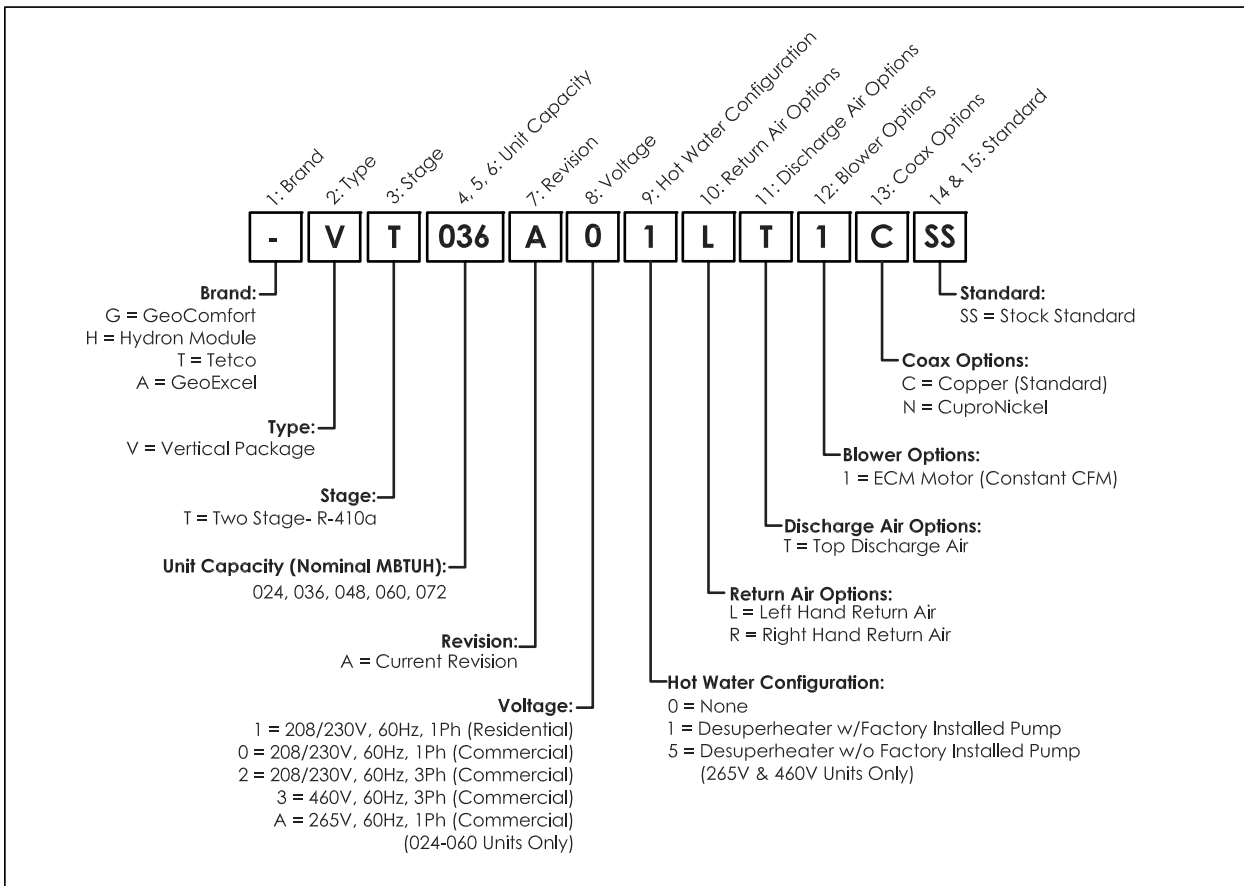


20D232-02NN
REVISION: A

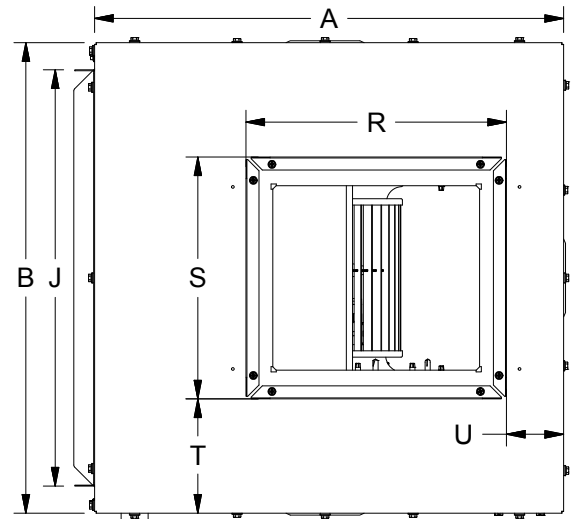
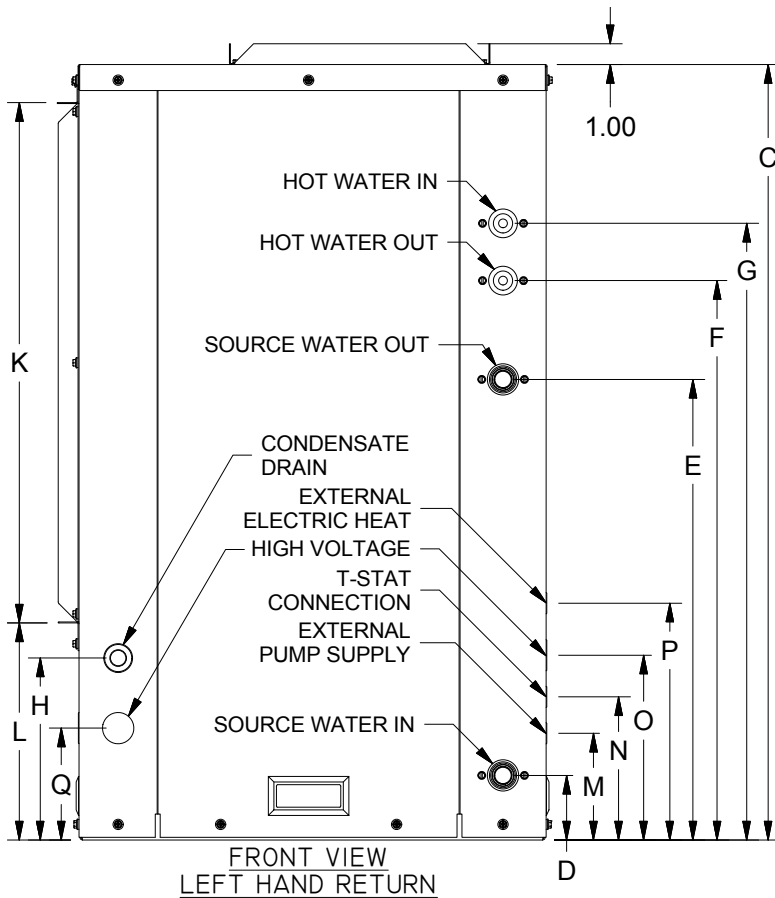
MODEL NOMENCLATURE DECODERS, VS SINGLE STAGE:



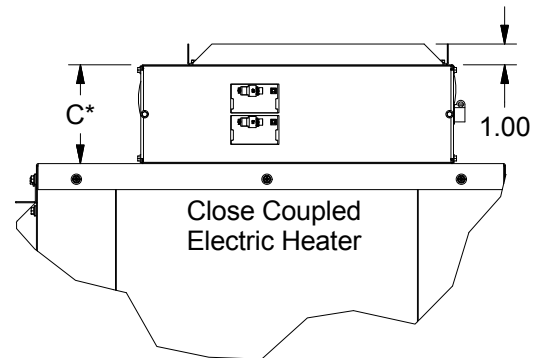
MODEL NOMENCLATURE DECODERS, VT TWO STAGE:



DIMENSIONAL DATA, CABINET, DUCT FLANGES AND INSTALLATION CLEARANCE:



TOP VIEW



DIMENSIONAL DATA Table:

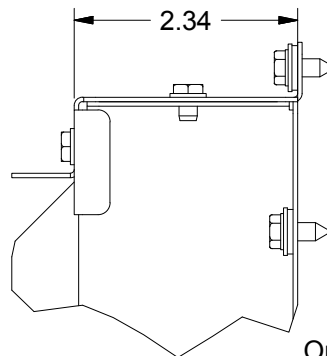
MODEL SIZE		009 - 012		015 - 036		042 - 072	
		*	**	*	**	*	**
OVERALL CABINET	A	21.50	22.50	22.50	25.00	25.00	27.88
	B	21.50	22.50	22.50	27.88	27.88	27.88
Note: Add C* to C For Units With Close Coupled Heater	C	30.00	37.25	37.25	41.00	41.00	41.00
	C*	N/A	4.75	4.75	6.50	6.50	6.50
	D	3.10	3.10	13.34	3.10	12.75	12.75
WATER CONNECTIONS	E	14.125	22.10	22.10	16.63	16.63	16.63
	F	N/A	26.88	26.88	24.13	24.13	24.13
	G	N/A	29.63	29.63	26.88	26.88	26.88
	H	5.375	8.75	8.75	5.38	5.38	5.38
	I	N/A	N/A	N/A	N/A	N/A	N/A
RETURN AIR DIMENSIONS	J	19.50	20.00	20.00	23.00	23.00	23.00
	K	15.50	25.00	25.00	29.00	29.00	29.00
	L	12.67	10.43	10.43	10.17	10.17	10.17
	M	5.625	5.13	5.13	5.13	5.13	5.13
ELECTRICAL KNOCKOUTS	N	7.375	6.88	6.88	6.88	6.88	6.88
	O	9.375	8.88	8.88	8.88	8.88	8.88
	P	11.875	11.38	11.38	11.38	11.38	11.38
	Q	8.375	5.38	5.38	N/A	N/A	N/A
SUPPLY AIR DIMENSIONS	R	12.50	12.50	12.50	15.98	15.98	15.98
	S	11.625	11.63	11.63	15.98	15.98	15.98
	T	4.94	5.39	5.39	5.95	5.95	5.95
	U	1.93	2.88	2.88	1.12	1.12	1.12

NOTE:

* UNITS WITHOUT INTERNAL LOOP PUMP

** UNITS WITH INTERNAL LOOP PUMP

Right hand return dimensions are mirrored to the opposite side as the left hand return dimensions.
 Commercial units have 1" FPT source water connections.
 Residential units have 1" Double O-Ring source water connections.
 All Desuperheater connections are 3/4" FPT.
 All electrical knockouts are sized for 1/2" or 3/4" conduit.
 All measurements are in inches.
 All drawings are typical, individual models will vary.

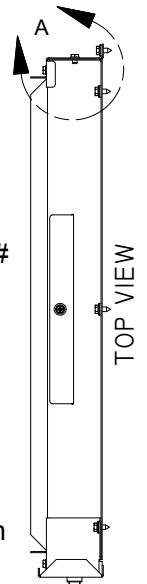


DETAIL A

Optional Filter Rack

Tonnage	Order Item #
009-012	AFR1721A
015-036	AFR2226A
042-072	AFR2430A

Note:
 The Return Duct Dimensions Are The Same For The Unit And The Filter Rack.
 The Filter Rack Causes The Return Duct To Be Offset From The Unit By 2.34 inches
 See Detail A



UNIT ELECTRICAL DATA VS MODELS 006 - 036, STANDARD PSC BLOWER

Model	Voltage Code/ HWG Option	60 Hz Power		Compressor		Fan Motor FLA	HWG Pump FLA	Ext. Loop Pump FLA	Total Unit FLA	Min Circuit AMPS	Max Fuse HACR	Min AWG	Max Ft
		Volts	Phase	LRA	RLA								
VS006	00	208/230	1	17.7	2.5	0.8	0.0	0.0	3.3	3.9	10	14	195
	10	208/230	1	17.7	2.5	0.8	0.0	4.0	7.3	8.3	10	14	88
	A0	265	1	13.5	2.1	0.7	0.0	0.0	2.8	3.3	10	14	230
	90	115	1	36.2	5.0	1.5	0.0	0.0	6.5	7.8	10	14	99
VS009	00	208/230	1	20.0	4.4	0.8	0.0	0.0	5.2	6.3	10	14	124
	10	208/230	1	20.0	4.4	0.8	0.0	4.0	9.2	10.3	15	14	70
	A0	265	1	21.0	3.4	0.7	0.0	0.0	4.1	4.9	10	14	158
	90	115	1	50.0	7.8	1.5	0.0	0.0	9.3	11.3	15	14	69
VS012	00	208/230	1	26.0	4.7	0.8	0.0	0.0	5.5	6.7	10	14	117
	10	208/230	1	26.0	4.7	0.8	0.0	4.0	9.5	10.7	15	14	67
	A0	265	1	23.0	3.8	0.7	0.0	0.0	4.5	5.4	10	14	144
VS015	00	208/230	1	26.0	5.5	1.5	0.0	0.0	7.0	8.4	10	14	92
	10	208/230	1	26.0	5.5	1.5	0.0	4.0	11.0	12.4	15	14	58
	A0	265	1	25.0	4.7	2.0	0.0	0.0	6.7	7.9	10	14	96
VS018	00	208/230	1	48.0	9.0	1.5	0.0	0.0	10.5	12.8	20	14	61
	01	208/230	1	48.0	9.0	1.5	0.5	0.0	11.0	13.3	20	14	58
	10	208/230	1	48.0	9.0	1.5	0.0	4.0	14.5	16.8	25	14	44
	11	208/230	1	48.0	9.0	1.5	0.5	4.0	15.0	17.3	25	14	43
	A	265	1	43.0	7.1	2.0	0.0	0.0	9.1	10.9	15	14	70
VS024	00	208/230	1	58.3	13.5	1.9	0.0	0.0	15.4	18.8	30	14	41
	01	208/230	1	58.3	13.5	1.9	0.5	0.0	15.9	19.3	30	14	40
	10	208/230	1	58.3	13.5	1.9	0.0	4.0	19.4	22.8	35	12	51
	11	208/230	1	58.3	13.5	1.9	0.5	4.0	19.9	23.3	35	12	50
	20	208/230	3	55.4	7.1	1.9	0.0	0.0	9.0	10.8	15	14	71
	21	208/230	3	55.4	7.1	1.9	0.5	0.0	9.5	11.3	15	14	67
	30/35	460	3	28.0	3.5	0.9	0.0	0.0	4.4	5.3	10	14	146
	40/45	575	3	24.5	2.9	1.1	0.0	0.0	4.0	4.7	10	14	161
A	265	1	54.0	9.0	2.2	0.0	0.0	11.2	13.5	20	14	57	
VS030	00	208/230	1	64.0	12.8	1.9	0.0	0.0	14.7	17.9	30	14	43
	01	208/230	1	64.0	12.8	1.9	0.5	0.0	15.2	18.4	30	14	42
	10	208/230	1	64.0	12.8	1.9	0.0	4.0	18.7	21.9	35	12	53
	11	208/230	1	64.0	12.8	1.9	0.5	4.0	19.2	22.4	35	12	52
	20	208/230	3	58.0	8.3	1.9	0.0	0.0	10.2	12.3	20	14	63
	21	208/230	3	58.0	8.3	1.9	0.5	0.0	10.7	12.8	20	14	60
	30/35	460	3	28.0	5.1	0.9	0.0	0.0	6.0	7.3	10	14	107
	40/45	575	3	23.7	3.3	1.1	0.0	0.0	4.4	5.2	10	14	146
A	265	1	60.0	10.9	2.2	0.0	0.0	13.1	15.8	25	14	49	
VS036	00	208/230	1	79.0	16.7	2.9	0.0	0.0	19.6	23.8	40	12	51
	01	208/230	1	79.0	16.7	2.9	0.5	0.0	20.1	24.3	40	12	49
	10	208/230	1	79.0	16.7	2.9	0.0	4.0	23.6	27.8	40	10	70
	11	208/230	1	79.0	16.7	2.9	0.5	4.0	24.1	28.3	45	10	69
	20	208/230	3	73.0	10.4	2.9	0.0	0.0	13.3	15.9	25	14	48
	21	208/230	3	73.0	10.4	2.9	0.5	0.0	13.8	16.4	25	14	46
	30/35	460	3	38.0	5.8	1.2	0.0	0.0	7.0	8.5	10	14	92
	40/45	575	3	36.5	3.8	1.0	0.0	0.0	4.8	5.8	10	14	134
	A	265	1	72.0	13.5	3.4	0.0	0.0	16.9	20.3	30	12	59

Notes:

1. All line and low voltage wiring must adhere to the National Electrical Code and local codes, whichever is the most stringent.
2. Wire length based on a one way measurement with a 2% voltage drop.
3. Wire size based on 60°C copper conductor and minimum circuit ampacity.
4. All fuses class RK-5.

UNIT ELECTRICAL DATA VS MODELS 042 - 072, STANDARD PSC BLOWER

Model	Voltage Code/ HWG Option	60 Hz Power		Compressor		Fan Motor FLA	HWG Pump FLA	Ext. Loop Pump FLA	Total Unit FLA	Min Circuit AMPS	Max Fuse HACR	Min AWG	Max Ft
		Volts	Phase	LRA	RLA								
VS042	00	208/230	1	109.0	16.7	2.9	0.0	0.0	19.6	23.8	40	12	51
	01	208/230	1	109.0	16.7	2.9	0.5	0.0	20.1	24.3	40	12	49
	10	208/230	1	109.0	16.7	2.9	0.0	5.5	25.1	29.3	45	10	66
	11	208/230	1	109.0	16.7	2.9	0.5	5.5	25.6	29.8	45	10	65
	20	208/230	3	88.0	11.2	2.9	0.0	0.0	14.1	16.9	25	14	45
	21	208/230	3	88.0	11.2	2.9	0.5	0.0	14.6	17.4	25	14	44
	30/35	460	3	44.0	5.6	1.2	0.0	0.0	6.8	8.2	10	14	94
	40/45	575	3	34.0	3.8	1.0	0.0	0.0	4.8	5.8	10	14	134
VS048	00	208/230	1	130.0	19.6	4.0	0.0	0.0	23.6	28.5	45	10	70
	01	208/230	1	130.0	19.6	4.0	0.5	0.0	24.1	29.0	45	10	69
	10	208/230	1	130.0	19.6	4.0	0.0	5.5	29.1	34.0	50	8	88
	11	208/230	1	130.0	19.6	4.0	0.5	5.5	29.6	34.5	50	8	86
	20	208/230	3	83.1	13.7	4.0	0.0	0.0	17.7	21.1	35	12	56
	21	208/230	3	83.1	13.7	4.0	0.5	0.0	18.2	21.6	35	12	54
	30/35	460	3	41.0	6.2	2.1	0.0	0.0	8.3	9.9	15	14	77
	40/45	575	3	33.0	4.8	3.8	0.0	0.0	7.9	9.1	10	14	81
VS060	00	208/230	1	144.2	24.4	5.6	0.0	0.0	30.0	36.1	60	8	85
	01	208/230	1	144.2	24.4	5.6	0.5	0.0	30.5	36.6	60	8	84
	10	208/230	1	144.2	24.4	5.6	0.0	5.5	35.5	41.6	60	6	114
	11	208/230	1	144.2	24.4	5.6	0.5	5.5	36.0	42.1	60	6	113
	20	208/230	3	110.0	16.0	5.6	0.0	0.0	21.6	25.6	40	10	77
	21	208/230	3	110.0	16.0	5.6	0.5	0.0	22.1	26.1	40	10	75
	30/35	460	3	52.0	7.8	2.6	0.0	0.0	10.4	12.4	20	14	62
	40/45	575	3	38.9	5.7	2.1	0.0	0.0	7.8	9.2	15	14	82
VS072	00	208/230	1	178.0	30.8	5.6	0.0	0.0	36.4	44.1	70	6	112
	01	208/230	1	178.0	30.8	5.6	0.5	0.0	36.9	44.6	70	6	110
	10	208/230	1	178.0	30.8	5.6	0.0	5.5	41.9	49.6	80	6	97
	11	208/230	1	178.0	30.8	5.6	0.5	5.5	42.4	50.1	80	6	96
	20	208/230	3	136.0	19.6	5.6	0.0	0.0	25.2	30.1	50	8	101
	21	208/230	3	136.0	19.6	5.6	0.5	0.0	25.7	30.6	50	8	99
	30/35	460	3	66.1	8.2	2.6	0.0	0.0	10.8	12.9	20	14	59
	40/45	575	3	55.3	6.6	2.1	0.0	0.0	8.7	10.4	15	14	74

Notes:

1. All line and low voltage wiring must adhere to the National Electrical Code and local codes, whichever is the most stringent.
 2. Wire length based on a one way measurement with a 2% voltage drop.
 3. Wire size based on 60°C copper conductor and minimum circuit ampacity.
 4. All fuses class RK-5.
 5. Min/Max Voltage: 208/230/60 = 187-252, 460/60 = 432-502, 575/60 = 540-630, 265/60 = 249-291
 6. See Wiring Diagrams for proper 460V and 575V power.
- *The external loop pump FLA is based on a maximum of three UP26-116F-230V pumps (1/2hp) for 048-072 and two pumps for 006-036.

UNIT ELECTRICAL DATA VS MODELS 015 - 042, OPTIONAL ECM BLOWER

Model	Voltage Code/ HWG Option	60 Hz Power		Compressor		Fan Motor FLA	HWG Pump FLA	Ext. Loop Pump FLA	Total Unit FLA	Min Circuit AMPS	Max Fuse HACR	Min AWG	Max Ft
		Volts	Phase	LRA	RLA								
VS015	00	208/230	1	26.0	5.5	3.9	0.0	0.0	9.4	10.8	15	14	68
	10	208/230	1	26.0	5.5	3.9	0.0	4.0	13.4	14.8	20	14	48
	A	265	1	25.0	4.7	3.2	0.0	0.0	7.9	9.1	10	14	81
VS018	00	208/230	1	48.0	9.0	3.9	0.0	0.0	12.9	15.2	20	14	50
	01	208/230	1	48.0	9.0	3.9	0.5	0.0	13.4	15.7	25	14	48
	10	208/230	1	48.0	9.0	3.9	0.0	4.0	16.9	19.2	25	14	38
	11	208/230	1	48.0	9.0	3.9	0.5	4.0	17.4	19.7	25	14	37
	A	265	1	43.0	7.1	3.2	0.0	0.0	10.3	12.1	15	14	62
VS024	00	208/230	1	58.3	13.5	3.9	0.0	0.0	17.4	20.8	30	12	57
	01	208/230	1	58.3	13.5	3.9	0.5	0.0	17.9	21.3	35	12	55
	10	208/230	1	58.3	13.5	3.9	0.0	4.0	21.4	24.8	35	12	46
	11	208/230	1	58.3	13.5	3.9	0.5	4.0	21.9	25.3	35	10	76
	20	208/230	3	55.4	7.1	3.9	0.0	0.0	11.0	12.8	20	14	58
	21	208/230	3	55.4	7.1	3.9	0.5	0.0	11.5	13.3	20	14	56
	30/35	460	3	28.0	3.5	3.2	0.0	0.0	6.7	7.6	10	14	96
	A	265	1	54.0	9.0	3.2	0.0	0.0	12.2	14.5	20	14	52
VS030	00	208/230	1	64.0	12.8	3.9	0.0	0.0	16.7	19.9	30	14	38
	01	208/230	1	64.0	12.8	3.9	0.5	0.0	17.2	20.4	30	12	58
	10	208/230	1	64.0	12.8	3.9	0.0	4.0	20.7	23.9	35	12	48
	11	208/230	1	64.0	12.8	3.9	0.5	4.0	21.2	24.4	35	12	47
	20	208/230	3	58.0	8.3	3.9	0.0	0.0	12.2	14.3	20	14	52
	21	208/230	3	58.0	8.3	3.9	0.5	0.0	12.7	14.8	20	14	50
	30/35	460	3	28.0	5.1	3.2	0.0	0.0	8.3	9.6	15	14	77
	A	265	1	60.0	10.9	3.2	0.0	0.0	14.1	16.8	25	14	45
VS036	00	208/230	1	79.0	16.7	5.2	0.0	0.0	21.9	26.1	40	10	76
	01	208/230	1	79.0	16.7	5.2	0.5	0.0	22.4	26.6	40	10	74
	10	208/230	1	79.0	16.7	5.2	0.0	4.0	25.9	30.1	45	8	99
	11	208/230	1	79.0	16.7	5.2	0.5	4.0	26.4	30.6	45	8	97
	20	208/230	3	73.0	10.4	5.2	0.0	0.0	15.6	18.2	25	14	41
	21	208/230	3	73.0	10.4	5.2	0.5	0.0	16.1	18.7	25	14	40
	30/35	460	3	38.0	5.8	4.7	0.0	0.0	10.5	12.0	15	14	61
	A	265	1	72.0	13.5	4.7	0.0	0.0	18.2	21.6	35	12	54
VS042	00	208/230	1	109.0	16.7	5.2	0.0	0.0	21.9	26.1	40	10	76
	01	208/230	1	109.0	16.7	5.2	0.5	0.0	22.4	26.6	40	10	74
	10	208/230	1	109.0	16.7	5.2	0.0	5.5	27.4	31.6	45	8	93
	11	208/230	1	109.0	16.7	5.2	0.5	5.5	27.9	32.1	45	8	91
	20	208/230	3	88.0	11.2	5.2	0.0	0.0	16.4	19.2	30	14	39
	21	208/230	3	88.0	11.2	5.2	0.5	0.0	16.9	19.7	30	14	38
	30/35	460	3	44.0	5.6	4.7	0.0	0.0	10.3	11.7	15	14	62

Notes:

1. All line and low voltage wiring must adhere to the National Electrical Code and local codes, whichever is the most stringent.
2. Wire length based on a one way measurement with a 2% voltage drop.
3. Wire size based on 60°C copper conductor and minimum circuit ampacity.
4. All fuses class RK-5.

5. Min/Max Voltage: 208/230/60 = 187-252, 460/60 = 432-502, 575/60 = 540-630, 265/60 = 249-291

6. See Wiring Diagrams for proper 460V and 575V power.

*The external loop pump FLA is based on a maximum of three UP26-116F-230V pumps (1/2hp) for 048-072 and two pumps for 015-036.

UNIT ELECTRICAL DATA VS MODELS 048 - 072, OPTIONAL ECM BLOWER

Model	Voltage Code/ HWG Option	60 Hz Power		Compressor		Fan Motor FLA	HWG Pump FLA	Ext. Loop Pump FLA	Total Unit FLA	Min Circuit AMPS	Max Fuse HACR	Min AWG	Max Ft
		Volts	Phase	LRA	RLA								
VS048	00	208/230	1	130.0	19.6	5.2	0.0	0.0	24.8	29.7	45	10	67
	01	208/230	1	130.0	19.6	5.2	0.5	0.0	25.3	30.2	50	8	101
	10	208/230	1	130.0	19.6	5.2	0.0	5.5	30.3	35.2	50	8	84
	11	208/230	1	130.0	19.6	5.2	0.5	5.5	30.8	35.7	50	8	83
	20	208/230	3	83.1	13.7	5.2	0.0	0.0	18.9	22.3	35	12	52
	21	208/230	3	83.1	13.7	5.2	0.5	0.0	19.4	22.8	35	12	51
	30/35	460	3	41.0	6.2	4.7	0.0	0.0	10.9	12.5	15	14	59
VS060	00	208/230	1	144.2	24.4	6.9	0.0	0.0	31.3	37.4	60	8	81
	01	208/230	1	144.2	24.4	6.9	0.5	0.0	31.8	37.9	60	8	80
	10	208/230	1	144.2	24.4	6.9	0.0	5.5	36.8	42.9	60	6	110
	11	208/230	1	144.2	24.4	6.9	0.5	5.5	37.3	43.4	60	6	109
	20	208/230	3	110.0	16.0	6.9	0.0	0.0	22.9	26.9	40	10	72
	21	208/230	3	110.0	16.0	6.9	0.5	0.0	23.4	27.4	40	10	71
	30/35	460	3	52.0	7.8	6.0	0.0	0.0	13.8	15.8	20	14	46
VS072	00	208/230	1	178.0	30.8	6.9	0.0	0.0	37.7	45.4	70	6	108
	01	208/230	1	178.0	30.8	6.9	0.5	0.0	38.2	45.9	70	6	106
	10	208/230	1	178.0	30.8	6.9	0.0	5.5	43.2	50.9	80	6	94
	11	208/230	1	178.0	30.8	6.9	0.5	5.5	43.7	51.4	80	6	93
	20	208/230	3	136.0	19.6	6.9	0.0	0.0	26.5	31.4	50	8	96
	21	208/230	3	136.0	19.6	6.9	0.5	0.0	27.0	31.9	50	8	94
	30/35	460	3	66.1	8.2	6.0	0.0	0.0	14.2	16.3	20	14	45

Notes:

1. All line and low voltage wiring must adhere to the National Electrical Code and local codes, whichever is the most stringent.
 2. Wire length based on a one way measurement with a 2% voltage drop.
 3. Wire size based on 60°C copper conductor and minimum circuit ampacity.
 4. All fuses class RK-5.
 5. Min/Max Voltage: 208/230/60 = 187-252, 460/60 = 432-502, 575/60 = 540-630, 265/60 = 249-291
 6. See Wiring Diagrams for proper 460V and 575V power.
- *The external loop pump FLA is based on a maximum of three UP26-116F-230V pumps (1/2hp) for 048-072 and two pumps for 015-036.

UNIT ELECTRICAL DATA VT MODELS 024 - 072, STANDARD ECM BLOWER

Model	Voltage Code/ HWG Option	60 Hz Power		Compressor		Fan Motor FLA	HWG Pump FLA	Ext. Loop Pump FLA	Total Unit FLA	Min Circuit AMPS	Max Fuse HACR	Min AWG	Max Ft
		Volts	Phase	LRA	RLA								
VT024	00	208/230	1	58.3	11.7	3.9	0.0	0.0	15.6	18.5	30	14	41
	01	208/230	1	58.3	11.7	3.9	0.5	0.0	16.1	19.0	30	14	40
	10	208/230	1	58.3	11.7	3.9	0.0	4.0	19.6	22.5	30	12	51
	11	208/230	1	58.3	11.7	3.9	0.5	4.0	20.1	23.0	35	12	49
	20	208/230	3	55.4	6.5	3.9	0.0	0.0	10.4	12.0	15	14	62
	21	208/230	3	55.4	6.5	3.9	0.5	0.0	10.9	12.5	15	14	59
	30/35	460	3	28.0	3.5	3.2	0.0	0.0	6.7	7.6	10	14	96
	A	265	1	54.0	9.1	3.2	0.0	0.0	12.3	14.6	20	14	52
VT036	00	208/230	1	83.0	15.3	5.2	0.0	0.0	20.5	24.3	40	12	48
	01	208/230	1	83.0	15.3	5.2	0.5	0.0	21.0	24.8	40	12	47
	10	208/230	1	83.0	15.3	5.2	0.0	4.0	24.5	28.3	40	10	68
	11	208/230	1	83.0	15.3	5.2	0.5	4.0	25.0	28.8	40	10	66
	20	208/230	3	73.0	11.6	5.2	0.0	0.0	16.8	19.7	30	14	38
	21	208/230	3	73.0	11.6	5.2	0.5	0.0	17.3	20.2	30	12	57
	30/35	460	3	38.0	5.7	4.7	0.0	0.0	10.4	11.8	15	14	62
	A	265	1	72.0	13.0	4.7	0.0	0.0	17.7	21.0	30	12	56
VT048	00	208/230	1	104.0	21.2	5.2	0.0	0.0	26.4	31.7	50	8	97
	01	208/230	1	104.0	21.2	5.2	0.5	0.0	26.9	32.2	50	8	95
	10	208/230	1	104.0	21.2	5.2	0.0	5.5	31.9	37.2	50	8	80
	11	208/230	1	104.0	21.2	5.2	0.5	5.5	32.4	37.7	50	8	79
	20	208/230	3	83.1	14.0	5.2	0.0	0.0	19.2	22.7	35	12	52
	21	208/230	3	83.1	14.0	5.2	0.5	0.0	19.7	23.2	35	12	50
	30/35	460	3	41.0	6.4	4.7	0.0	0.0	11.1	12.7	15	14	58
	A	265	1	109.7	16.0	4.7	0.0	0.0	20.7	24.7	40	12	48
VT060	00	208/230	1	152.9	27.1	6.9	0.0	0.0	34.0	40.8	60	6	120
	01	208/230	1	152.9	27.1	6.9	0.5	0.0	34.5	41.3	60	6	118
	10	208/230	1	152.9	27.1	6.9	0.0	5.5	39.5	46.3	70	6	103
	11	208/230	1	152.9	27.1	6.9	0.5	5.5	40.0	46.8	70	6	102
	20	208/230	3	110.0	16.5	6.9	0.0	0.0	23.4	27.5	40	10	71
	21	208/230	3	110.0	16.5	6.9	0.5	0.0	23.9	28.0	45	10	69
	30/35	460	3	52.0	7.2	6.0	0.0	0.0	13.2	15.0	20	14	48
	A	265	1	130.0	22.4	6.0	0.0	0.0	28.4	34.0	50	8	90
VT072	00	208/230	1	179.2	29.7	6.9	0.0	0.0	36.6	44.0	70	6	111
	01	208/230	1	179.2	29.7	6.9	0.5	0.0	37.1	44.5	70	6	110
	10	208/230	1	179.2	29.7	6.9	0.0	5.5	42.1	49.5	70	6	96
	11	208/230	1	179.2	29.7	6.9	0.5	5.5	42.6	50.0	80	6	95
	20	208/230	3	136.0	17.6	6.9	0.0	0.0	24.5	28.9	45	10	68
	21	208/230	3	136.0	17.6	6.9	0.5	0.0	25.0	29.4	45	10	66
	30/35	460	3	66.1	8.5	6.0	0.0	0.0	14.5	16.6	25	14	44

Notes:

1. All line and low voltage wiring must adhere to the National Electrical Code and local codes, whichever is the most stringent.
2. Wire length based on a one way measurement with a 2% voltage drop.
3. Wire size based on 60°C copper conductor and minimum circuit ampacity.
4. All fuses class RK-5.

5. Min/Max Voltage: 208/230/60 = 187-252, 460/60 = 432-502, 265/60 = 249-291

6. See Wiring Diagrams for proper 460V and 575V power.

*The external loop pump FLA is based on a maximum of three UP26-116F-230V pumps (1/2hp) for 048-072 and two pumps for 024-036.

UNIT PHYSICAL DATA

VS/VT Vertical Packaged Unit																	
Model Number	006	009	012	015	018	024	030	036	042	048	060	072	024	036	048	060	072
Compressor Type	Single Stage Rotary				Single Stage Unloading Scroll								Dual Stage Unloading Scroll				
Fan Wheel (in.)	6 x 8			9 x 7	9 x 7			10 x 8	11 x 10				9 x 7	10 x 8	11 x 10		
Fan Motor PSC (HP)	1/10			1/4	1/4	1/3	1/3	1/2	1/2	3/4	1	1	N/A	N/A	N/A	N/A	N/A
Fan Motor ECM (HP)	N/A	N/A	N/A	1/2	1/2	1/2	1/2	1/2	3/4	3/4	1	1	1/2	1/2	3/4	1	1
Refrigerant Charge (oz.)	TBD	30	28.5	41	43	45	53	54	69	69	65	70	45	54	69	69	64
Air Coil																	
Face Area (Sq. Ft.)	2.02			3.49				4.76				3.49		4.76			
Dimensions (in.)	15.5 x 18.8 x 1			25.4 x 19.8 x 1				28.9 x 23.7 x 1.26				25.4 x 19.8 x 1		28.9 x 23.7 x 1.26			
Number of Rows	N/A Micro-Channel Coil																
Shipped Unit Weight (Nominal) lbs.	TBD	187	187	234	240	248	265	271	357	360	375	367	248	271	361	373	375

*Always check the unit data plate for charge volume



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Conforms to
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