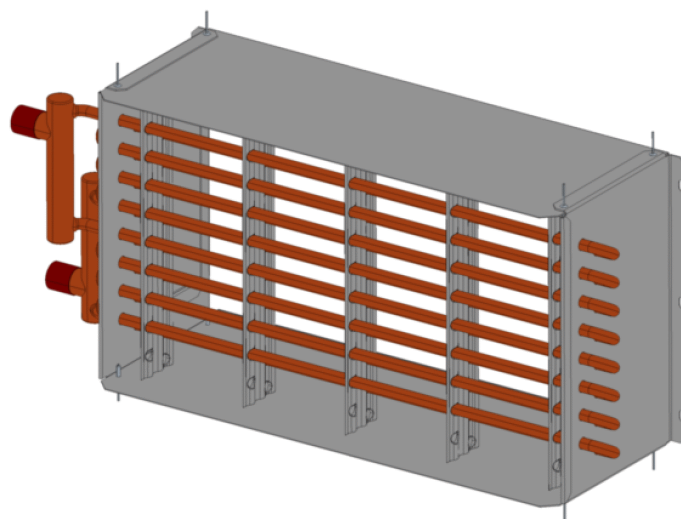


Part No.	Reference No.	Quantity	Description
75006351	SEC 1A		MODEL NUMBER DESCRIPTION DIGITS 1-15
75006352	SEC 1B		MODEL NUMBER DESCRIPTION DIGITS 12-15 (CONT.)
75011453	SEC 1C		MODEL NUMBER DESCRIPTION DIGITS 12-29
75011454	SEC 1D		MODEL NUMBER DESCRIPTION DIGITS 27-40
75006400	SEC 02		HOT WATER COIL
75006394	SEC 03		DAMPER ASSEMBLY
75006737	SEC 07		CASING ASSEMBLY
75007045	SEC 10		CONTROL BOX ASSEMBLY

COIL ASSEMBLY

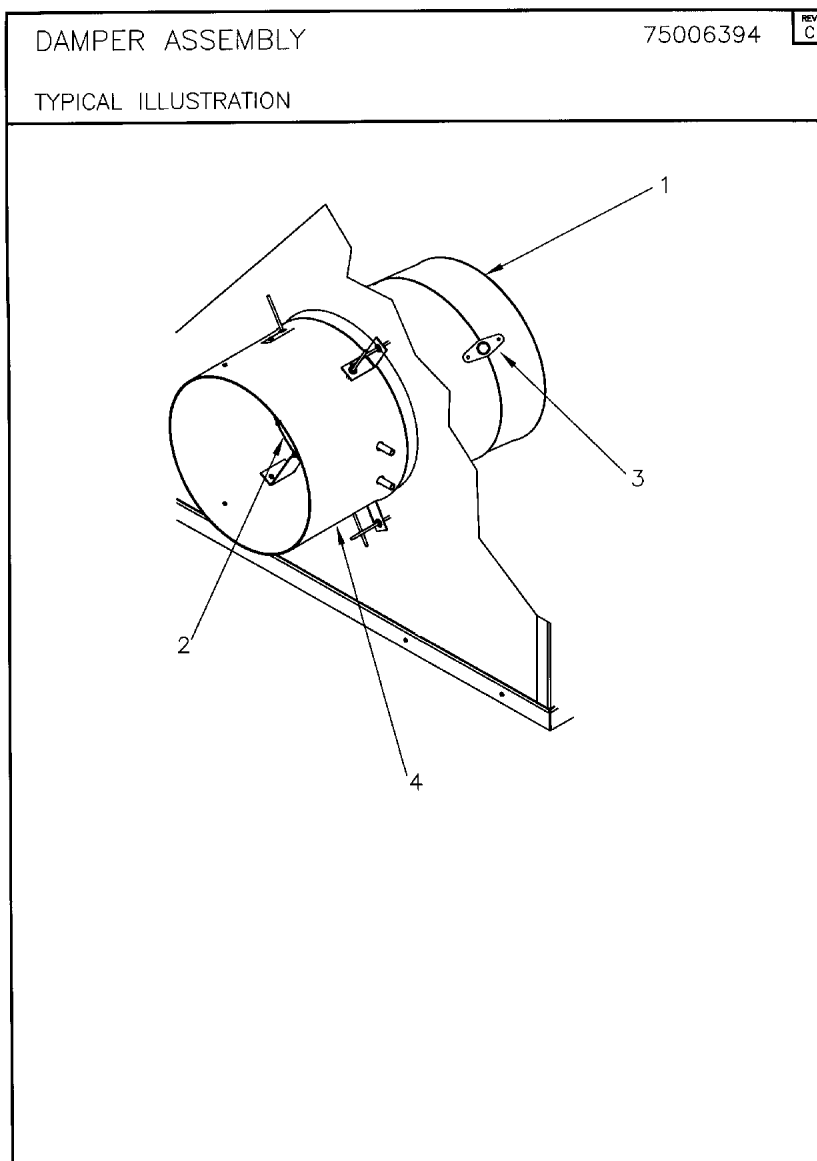
75006400

REV
C



1

This is a typical illustration. The unit in the field may not appear exactly as shown.

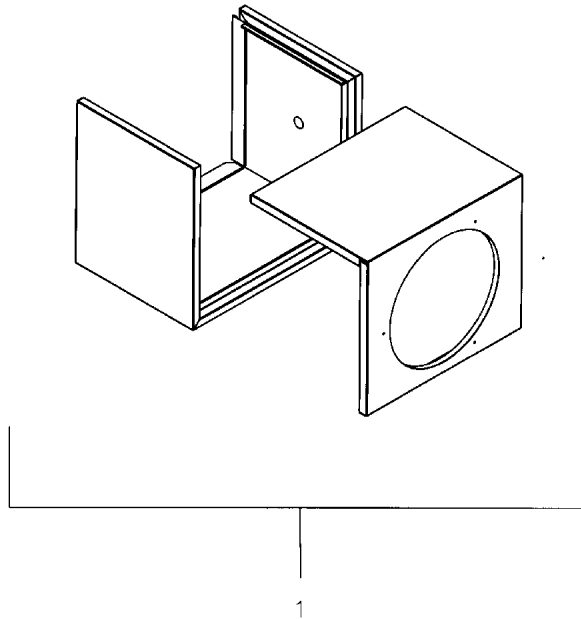


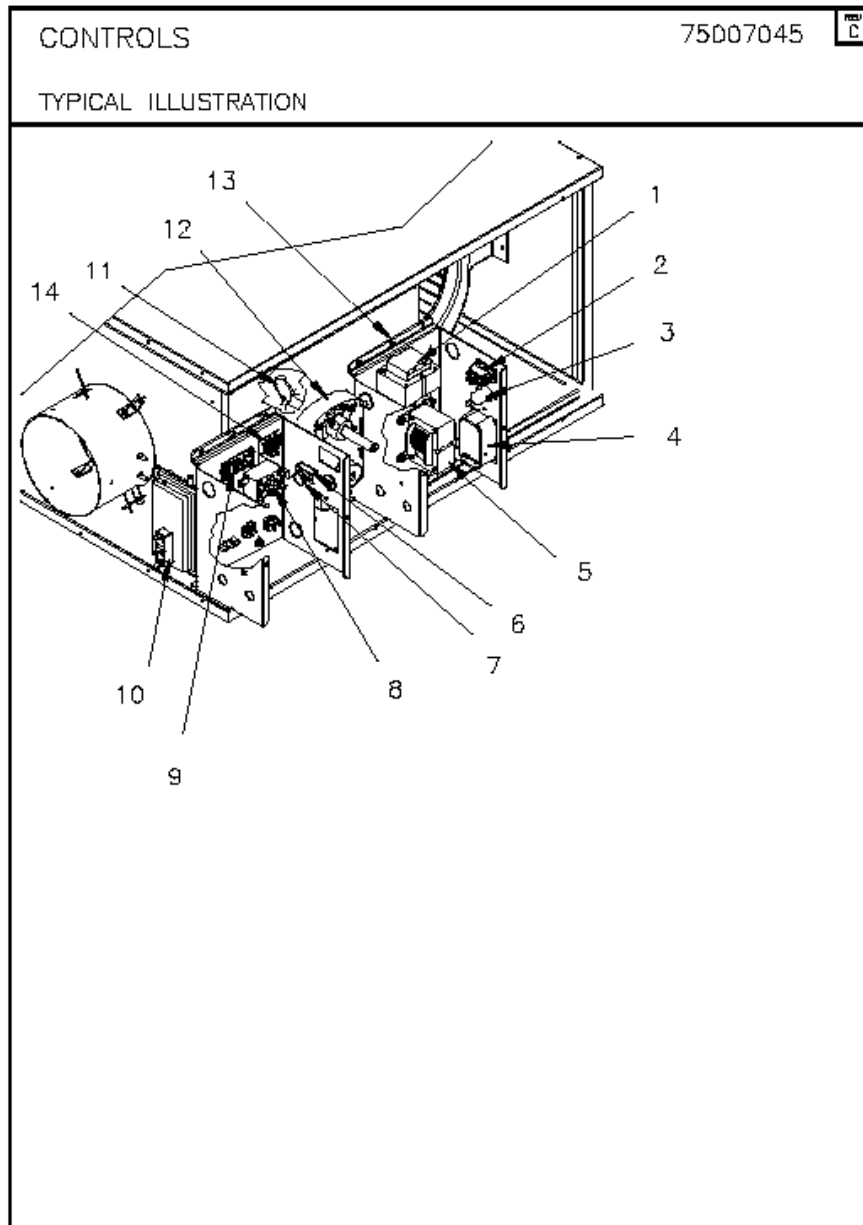
Part No.	Reference No.	Quantity	Description
DMP02064	1	1	DAMPER; ASSEMBLY, COMPLETE, 8 IN
SEN01059	2	1	SENSOR; KIT, FLOW RING, SIZE 8 IN

CASING ASSEMBLY

75006737

REV
A





Part No.	Reference No.	Quantity	Description
CNT03637	*	1	CONTROL; ASSY., UCM CONTROL
KIT07931	11	1	KIT; EXTENSION AXEL

MODEL NUMBER DESCRIPTION

75006351

REL
E

SINGLE DUCT VARITRANE (VCCF/VCEF/VCWF)
DIGITS 1 TO 15

Example Model Number:

VCWF06000A0PN04A00B00R4VWD0251200A142B4A

1 - - - 5 - - - - 10 - - - - 15 - - - - 20 - - - - 25 - - - - 30 - - - - 35 - - - - 40

Digits 1, 2 – Model

VC = VariTrane Single Duct

Digit 3 – Unit Type

C = Cooling Only

E = Electric Heat

W = Hot Water Coil

Digit 4 – Development Sequence

F = Sixth

Digits 5, 6 – Primary Inlet

04 = 225 Cfm (4" Inlet)

05 = 350 Cfm (4" Inlet)

06 = 500 Cfm (4" Inlet)

08 = 900 Cfm (4" Inlet)

10 = 1400 Cfm (4" Inlet)

12 = 2000 Cfm (4" Inlet)

14 = 3000 Cfm (4" Inlet)

16 = 4000 Cfm (4" Inlet)

24 = 8000 Cfm (24" x 16")

Digits 7, 8, 9 – Not Used

Digits 10, 11 – Design Sequence

A0 = First

B0 = Second

Etc.

Digits 12, 13, 14, 15 – Unit Control

ENON = Shaft Only For Electric Controls

PNON = Shaft Only For Pneumatic Controls

DD00 = Shaft With Trane Electric Actuator

DD01 = DDC Cooling Only

DD02 = DDC N.C. On/Off Hot Water

DD03 = DDC Proportional Hot Water

DD04 = DDC Staged On/Off E-Heat

DD05 = DDC Pulse Width Mod Of E-Heat

DD07 = DDC N.O. On/Off Hot Water

FM00 = Cust Supp Actuator And Controller

FM01 = Trane Act And Cust Supp Controller

EI05 = Basic Op With Remote Heat Only

EI28 = Basic Op With Remote Heat & Dual Min

EI29 = Basic Op Remote Heat & Const Vol

PC00 = N.C. Actuator And Linkage Only

PC04 = N.C. 3000 Pneu Vol Reg With D.A. Stat

PC05 = N.C. 3000 Pneu Vol Reg With R.A. Stat

PN00 = N.O. Actuator And Linkage Only

PN04 = N.O. 3000 Pneu Vol Reg With D.A. Stat

PN05 = N.O. 3000 Pneu Vol Reg With R.A. Stat

PN11 = N.O. Pneu Auto Dual Minimum

PN32 = N.O. Pneu Const Vol

PN34 = N.O. Pneu Const Vol With R.A. Stat

VMA1 = Johnson Vma-1410

VMA2 = Johnson Vma-1420

PCSS = N.C. 3000 Pvr, Const. Vol., D.A. Stat

PWR1 = Seimens 540-100 W/Gde131.1 Act.

PWR2 = Powers 540-103 W/Gde131.1 Act

PWR4 = Seimens 540-100 W/Trane Act

PWR5 = Seimens 540-100 W/Gde 131.1U Act

PW12 = Siemens 550-065 540-100 W/Gde131.1 Act

PW13 = Siemens 550-067 540-103 W/Gde131.1 Act

AN17 = An17 B3865-V Or B3866-V

AN15 = An15 I2-865-V

ASI2 = Asi2 Asic/1-6000

AT01 = Automated Logic U341V

AT02 = Automated Logic U141V

AT08 = Automated Logic Zn341V

AT10 = Automated Logic Zn141V

CAR2 = Car2 33Cfantrm

BEL2 = Bel2 Lmb24-3-T Or Lmb24-Sr-T

DEL4 = Del4 Dvc-V304A Or Dvc-V304Af

DD15 = Vv550 Ddc Ctrl W/Pulse Width Mod

DD11 = Vv550 Ddc Controller - Cooling Only

DD12 = Vv550 Ddc Ctrl With N.C. On/Off H.W.

DD13 = Vv550 Ddc Ctrl With Prop. H.W.

DD14 = Vv550 Ddc Ctrl - On/Off E-Heat

DD16 = Vv550 Ddc Controller - Ventilation Flow

DD17 = Vv550 Ddc Ctrl With N.O. On/Off H.W.

DD19 = Vv550 Ddc Ctrl With Flow Tracking

DD20 = Vv550 Ddc - Vent Flow W/N.C. On/Off

DD21 = Vv550 Ddc - Vent Flow On/Off E-Heat

DD22 = Vv550 Ddc - Vent Flow W/Prop. H.W.

DD33 = Vv550 Ddc - Vent Flow W/N.O. On/Off

DD34 = Vv550 Ddc - Vent Flow W/Pulse Width Mod.

DD23 = Vv550 Ddc Space Temp Ctrl W/ Local Pwm & Remote Stgd Elec Heat

DD32 = Vv550 Ddc Space Temp Ctrl W/Local Stgd Elec Ht & Remote Stgd Elec Heat

DD24 = Vv550 Ddc Space Temp Ctrl W/Local Prop Hw Vlv & Remote Nc On/Off Hw Vlv

DD25 = Vv550 Ddc Space Temp Ctrl W/Local Prop Hw Vlv & Remote No On/Off Hw Vlv

DD26 = Vv550 Ddc Space Temp Ctrl W/Local Nc On/Off Hw Vlv & Remote Prop Hw

DD27 = Vv550 Ddc Space Temp Ctrl W/Local No On/Off Hw Vlv & Remote Prop Hw 1 of 4

Parts List Number :VAVUP100

Model Number :VCWF08000K0ENC

MODEL NUMBER DESCRIPTION

75006352

REL
E

SINGLE DUCT VARITRANE (VCCF/VCEF/VCWF)

DIGITS 12 TO 15 (cont.)

*Example Model Number:***VCWF06000A0PN04A00B00R4VWD0251200A142B4A**

1 - - - 5 - - - - 10 - - - - 15 - - - - 20 - - - - 25 - - - - 30 - - - - 35 - - - - 40

Digits 12, 13, 14, 15 – Unit Control (cont.)

DD28 = Vv550 Ddc Space Temp Ctrl w/No
On/Off Hw & Remote No On/Off Hw
DD29 = Vv550 Ddc Space Temp Ctrl W/Local
Nc On/Off Hw & Remote Nc On/Off Hw
DD30 = Vv550 Ddc Space Temp Ctrl No On/Off
Hw & Remote Nc On/Off Hw
DD31 = Vv550 Ddc Space Temp Ctrl W/Local
Nc On/Off Hw & Remote No On/Off Hw
V512 = Vm512 Johnson Controller
PNA8 = Open-Close-Open Pneu Seq
EAS3 = Vav-Ecc; Vav-W-Ecp; Vav-Ecb
ENCL = Enon With A Control Box
HNY2 = Honeywell W7751H Control
IN10 = Mnb-V2
INV3 = Invensys Mnl-V2R
VM15 = Ms-Vma 1620-0 C
VM16 = Ms-Vma 1610-0-C
HNY1 = W7751F & MI6161B2024 Act
HN20 = Hn20 Pvl4022As Or Pvb4022As
LNx1 = Lnx1 Lc-Vav-10
PW24 = Powers 550-405 Controller & Actuator
PW27 = Pw27 550-430 Or 550-431
PW32 = Pw32 550-495P Or 550-785
W/Gde131.P Or U
PW33 = Pw33 550-432 & Gde131.1P Or U
PW36 = Pw36 550-430 Or 550-431 W/540-380
ST11 = St11 587-104,588-854
REL4 = Rel4 Mpa-34-A-F
REL2 = Rel2 Ma-H
TU13 = Alerton Vav-Sd Or Vav-Sdc3
W/Lmb24-3-T
TU16 = Alerton Vav-Sd Or Vav-Sdc3
W/MI6161B2024 Act.
TU21 = Tu21 Vav-Sd-S W/Belmo Lmb24-3T Act
DD41 = Uc400 Ddc Cooling Only
DD42 = Uc400 Ddc Ctrl With N.C. On/Off H.W.
DD43 = Uc400 Ddc Ctrl With Prop. H.W.
DD44 = Uc400 Ddc Ctrl - On/Off E-Heat
DD45 = Uc400 Ddc Ctrl W/Pulse Width Mod
DD46 = Uc400 Ddc Controller - Ventilation Flow
DD47 = Uc400 Ddc Ctrl With N.O. On/Off H.W.
DD49 = Uc400 Ddc Ctrl With Flow Tracking
DD50 = Uc400 Ddc - Vent Flow W/N.C. On/Off
DD51 = Uc400 Ddc - Vent Flow w/On/Off
E-Heat
DD52 = Uc400 Ddc - Vent Flow W/Prop. H.W.
DD53 = Uc400 Ddc Space Temp Ctrl W/ Local
Pwm & Remote Stgd E-Heat

DD54 = Uc400 Ddc Space Temp Ctrl W/Local
Prop Hw & Remote Nc On/Off Hw
DD55 = Uc400 Ddc Space Temp Ctrl W/Local
Prop Hw & Remote No On/Off Hw
DD56 = Uc400 Ddc Space Temp Ctrl W/Local Nc
On/Off Hw & Remote Prop Hw
DD57 = Uc400 Ddc Space Temp Ctrl W/Local No
On/Off Hw & Remote Prop Hw
DD58 = Uc400 Ddc Space Temp Ctrl W/No On/Off
Hw & Remote No On/Off Hw
DD59 = Uc400 Ddc Space Temp Ctrl W/Local Nc
On/Off Hw & Remote Nc On/Off Hw
DD60 = Uc400 Ddc Space Temp Ctrl No On/Off
Hw & Remote Nc On/Off Hw
DD61 = Uc400 Ddc Space Temp Ctrl W/Local Nc
On/Off Hw & Remote No On/Off Hw
DD62 = Uc400 Ddc Space Temp Ctrl W/Local
Stgd E-Ht & Remote Stgd E-Heat
DD63 = Uc400 Ddc - Vent Flow W/N.O. On/Off
DD65 = Uc400 Ddc-Ctrl W/Mod Scr
DD66 = Uc400 Ddc-Space Temp Ctrl W/Local Scr
& Remote Stge E-Heat
DD67 = Uc400 Ddc-Vent Flow W/Scr E-Heat
DD71 = Uc210 Ddc Cooling Only
DD72 = Uc210 Ddc Ctrl With N.C. On/Off H.W.
DD73 = Uc210 Ddc Ctrl With Prop. H.W.
DD74 = Uc210 Ddc Ctrl - On/Off E-Heat
DD75 = Uc210 Ddc Ctrl W/Pulse Width Mod
DD76 = Uc210 Ddc Controller - Ventilation Flow
DD77 = Uc210 Ddc Ctrl With N.O. On/Off H.W.
DD79 = Uc210 Ddc Ctrl With Flow Tracking
DD80 = Uc210 Ddc - Vent Flow W/N.C. On/Off
DD81 = Uc210 Ddc - Vent Flow w/ On/Off E-Heat
DD82 = Uc210 Ddc - Vent Flow W/Prop. H.W.
DD83 = Uc210 Ddc Space Temp Ctrl W/ Local
Pwm & Remote Stgd E-Heat
DD84 = Uc210 Ddc Space Temp Ctrl W/Local
Prop Hw & Remote Nc On/Off Hw
DD85 = Uc210 Ddc Space Temp Ctrl W/Local
Prop Hw & Remote No On/Off Hw
DD86 = Uc210 Ddc Space Temp Ctrl W/Local Nc
On/Off Hw & Remote Prop Hw
DD87 = Uc210 Ddc Space Temp Ctrl W/Local No
On/Off Hw & Remote Prop Hw
DD88 = Uc210 Ddc Space Temp Ctrl W/No On/Off
Hw & Remote No On/Off Hw
DD89 = Uc210 Ddc Space Temp Ctrl W/Local Nc
On/Off Hw & Remote Nc On/Off Hw

2 of 4

MODEL NUMBER DESCRIPTION

75011453

REL
A

SINGLE DUCT VARITRANE (VCCF/VCEF/VCWF)
DIGITS 12 TO 29

Example Model Number:

VCWF06000A0PN04A00B00R4VWD0251200A142B4A
1 - - - 5 - - - - 10 - - - - 15 - - - - 20 - - - - 25 - - - - 30 - - - - 35 - - - - 40

Digits 12, 13, 14, 15 – Unit Control (cont.)

DD90 = Uc210 Ddc Space Temp Ctrl No On/Off
Hw & Remote Nc On/Off Hw
DD91 = Uc210 Ddc Space Temp Ctrl W/Local
Nc On/Off Hw & Remote No On/Off Hw
DD92 = Uc210 Ddc Space Temp Ctrl W/Local
Stgd E-Heat & Remote Stgd E-Heat
DD93 = Uc210 Ddc - Vent Flow W/N.O. On/Off
DD95 = Uc210 Ddc-Ctrl W/Mod Scr
DD96 = Uc210 Ddc-Space Temp Ctrl W/Local
Scr & Remote Stge E-Heat
DD97 = Uc210 Ddc-Vent Flow W/Scr E-Heat
VM23 = Ms-Vma1630, Fx-Pcv1630, Or
Fx-Pcv-1615
VM24 = Vma-1620-Ou

Digit 16 – Insulation

A = 1/2" Matt Faced
B = 1" Matt Faced
C = 1/2" Foil Faced
D = 1" Foil Faced
F = Double Wall 1"
G = Closed Cell 3/8"
S = Special

Digits 17, 18 – Not Used

Digit 19 – Outlet Plenum

A = 1 Outlet Right Side
B = 1 Outlet - End
C = 1 Outlet Left Side
D = 1 Outlet Right Side & 1 Outlet End
E = 1 Outlet Left Side & 1 Outlet End
F = 1 Outlet Right Side & 1 Outlet Left Side
H = 3 Outlets, 1 Left, 1 Right, 1 End
J = 4 Outlets, 1 Left, 1 Right, 2 End
S = Special

Digit 20 – Not Used

Digit 21 – Hot Water Coil

1 = 1 Row Hot Water Coil
2 = 2 Row Hot Water Coil
3 = 3 Row Hot Water Coil
4 = 4 Row Hot Water Coil
A = 1 Row Premium Hot Water Coil
B = 2 Row Premium Hot Water Coil
C = 3 Row Premium Hot Water Coil
D = 4 Row Premium Hot Water Coil
S = Special

Digit 22 – Connection Side

L = Left Side Same Coil/Ctrl Connection
R = Right Hand Connection
O = Opposite Side Coil & Ctrl Connections
R = Right Side Same Coil/Ctrl Connection
F = Flippable Electric Heater

Digit 23 – Transformer

1 = 120/24 Volt Transformer (50Va)
2 = 208/24 Volt Transformer (50Va)
3 = 240/24 Volt Transformer (50Va)
4 = 277/24 Volt Transformer (50Va)
5 = 480/24 Volt Transformer (50Va)
6 = 347/24 Volt Transformer (50Va)
7 = 575/24 Volt Transformer (50 Va)
8 = 380/24 Volt Transformer (50 Va)
S = Special

Digit 24 – Disconnect Switch

W = Power Disconnect Switch
S = Special

Digit 25 – Power Fuse

W = With Power Fuse
S = Special

Digit 26 – Electric Heater Voltage

A = 208 Volt 1 Phase Heater
B = 208 Volt 3 Phase Heater
C = 240 Volt 1 Phase Heater
D = 277 Volt 1 Phase Heater
E = 480 Volt 1 Phase Heater
F = 480 Volt 3 Phase Heater
G = 347 Volt 1 Phase Heater
H = 575 Volt 3 Phase Heater
K = 120 Volt 1 Phase Heater
J = 380 Volt 3 Phase Heater
S = Special

Digits 27, 28, 29 – Electric Heater Kw

005 = 0.5 Kw
010 = 1.0 Kw
015 = 1.5 Kw
020 = 2.0 Kw
025 = 2.5 Kw
030 = 3.0 Kw
035 = 3.5 Kw
040 = 4.0 Kw
045 = 4.5 Kw
050 = 5.0 Kw

MODEL NUMBER DESCRIPTION		75011454	REL A
SINGLE DUCT VARITRANE (VCCF/VCEF/VCWF)			
DIGITS 27 TO 40			
<i>Example Model Number:</i> VCWF06000A0PN04A00B00R4VWD0251200A142B4A 1 - - - 5 - - - - 10 - - - - 15 - - - - 20 - - - - 25 - - - - 30 - - - - 35 - - - - 40			
Digits 27, 28, 29 – Electric Heater Kw (cont.)		Digit 36 – Factory Mounted Options	
055 = 5.5 Kw 180 = 18.0 Kw		0 = No Dts Or Hwv Harness	
060 = 6.0 Kw 200 = 20.0 Kw		W = With Factory Mounted Dts	
065 = 6.5 Kw 220 = 22.0 Kw		1 = Single Point Duct Temp Sensor Installed	
070 = 7.0 Kw 240 = 24.0 Kw		2 = Hw Valve Harness	
075 = 7.5 Kw 260 = 26.0 Kw		3 = Both Single Point Dts & Hw Harness	
080 = 8.0 Kw 280 = 28.0 Kw		4 = 4 Point Duct Temp Sensor Installes	
090 = 9.0 Kw 300 = 30.0 Kw		5 = Fm Dts Single Point Sensor In Plenum	
100 = 10.0 Kw 320 = 32.0 Kw		6 = Both Fm Dts In Plenum & Hw Valve Harness	
110 = 11.0 Kw 340 = 34.0 Kw			
120 = 12.0 Kw 360 = 36.0 Kw		Digit 37 – Bottom Access	
130 = 13.0 Kw 380 = 38.0 Kw		0 = No Bottom Access	
140 = 14.0 Kw 400 = 40.0 Kw		1 = Connections On Left	
150 = 15.0 Kw 420 = 42.0 Kw		2 = Connections On Right	
160 = 16.0 Kw 440 = 44.0 Kw		3 = Ctrls Conn On Left (Hw Conn On Right)	
170 = 17.0 Kw 460 = 46.0 Kw		4 = Ctrls Conn On Right (Hw Conn On Left)	
		1 = Connections On Left	
		2 = Connections On Right	
		3 = Ctrls Conn On Left (Hw Conn On Right)	
		4 = Ctrls Conn On Right (Hw Conn On Left)	
Digit 30 – Electric Heater Stage		Digit 38 – Piping Package	
1 = 1 Stage Of Heat		0 = None (No Piping Package)	
2 = 2 Stages Of Heat		A = 2-Way Automatic Balancing	
3 = 3 Stages Of Heat		B = 3-Way Automatic Balancing	
Digit 31 – Electric Heater Control		Digit 39 – Water Valve	
1 = 24 Volt Magnetic Contactors		0 = None (No Water Valve)	
2 = 24 Volt Mercury Contactors		1 = Proportional, Hw Valve, 0.7 Cv	
A = (Lh) 24V Mercury Contactors		2 = Proportional, Hw Valve, 2.7 Cv	
B = (Rh) 24V Mercury Contactors		3 = Proportional, Hw Valve, 6.6 Cv	
3 = Pe W/Magnetic Contactors		4 = Proportional, Hw Valve, 8.0 Cv	
4 = Pe W/Mercury Contactors			
C = (Lh) Pe W/Mercury Contactors		Digit 40 – Flow Rate	
D = (Rh) Pe W/Mercury Contactors		0 = None	
5 = Scr Heat With Dual Max Off		R = 8 Gpm	
6 = Scr Heat With 24Vdc Supply		A = 0.5 Gpm	
		S = 9 Gpm	
Digits 32, 33 – Not Used, Special		B = 1 Gpm	
		T = 10 Gpm	
Digit 34 – Actuator		C = 1.5 Gpm	
0 = No Belimo Or Spring Return Actuator		U = 11 Gpm	
A = 24 Volt Spring Return Norm Open		D = 2 Gpm	
B = 24 Volt Spring Return Norm Closed		V = 12 Gpm	
C = Belimo Actuator		E = 2.5 Gpm	
D = Belimo Normally Open		W = 13 Gpm	
E = Belimo Normally Closed		F = 3 Gpm	
F = Belimo w/Feedback Sig (Non Spring Return)		X = 14 Gpm	
		G = 3.5 Gpm	
		Y = 15 Gpm	
		H = 4 Gpm	
		Z = 16 Gpm	
		J = 4.5 Gpm	
		1 = 17 Gpm	
		K = 5 Gpm	
		2 = 18 Gpm	
		L = 5.5 Gpm	
		3 = 19 Gpm	
		M = 6 Gpm	
		4 = 20 Gpm	
		N = 6.5 Gpm	
		5 = 17 Gpm	
		P = 7 Gpm	
		6 = 22 Gpm	
		Q = 7.5 Gpm	
		7 = 23 Gpm	
Digit 35 – Sensor Option			
0 = Standard - Not Wireless			
1 = Fm Wireless Receiver/Sensor			
2 = Wci Receiver Mntd (Wireless Comm Inter)			
3 = Air - Fi (Tm) Wireless Comm Inter (Fm)			

