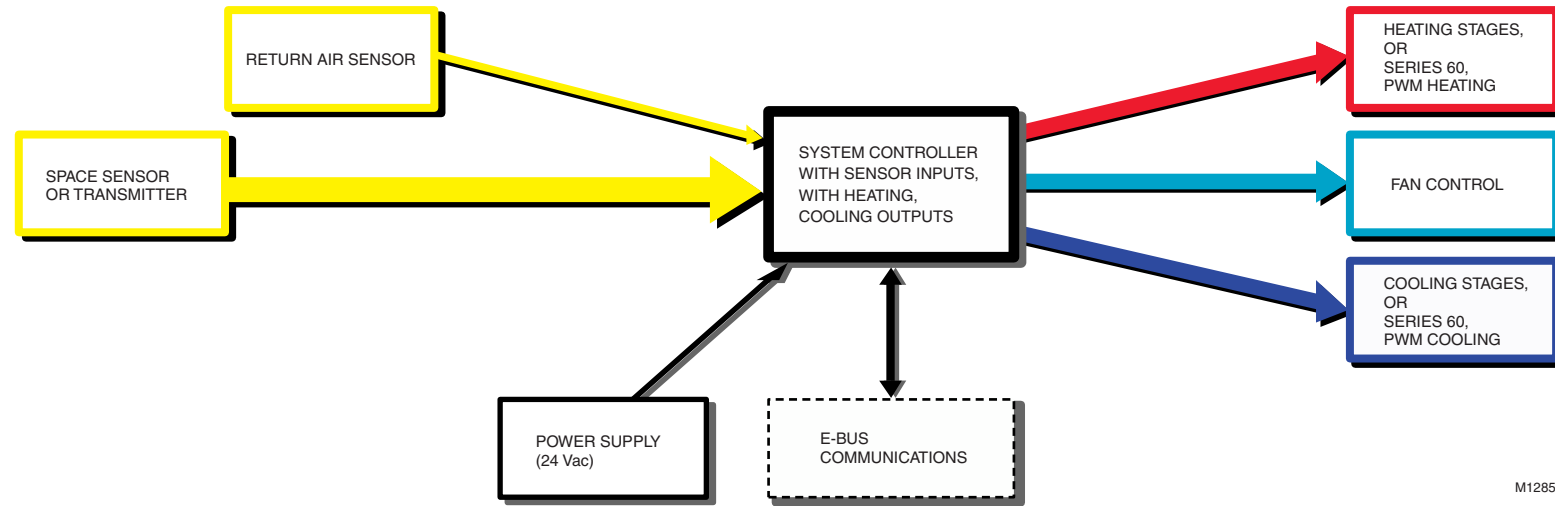
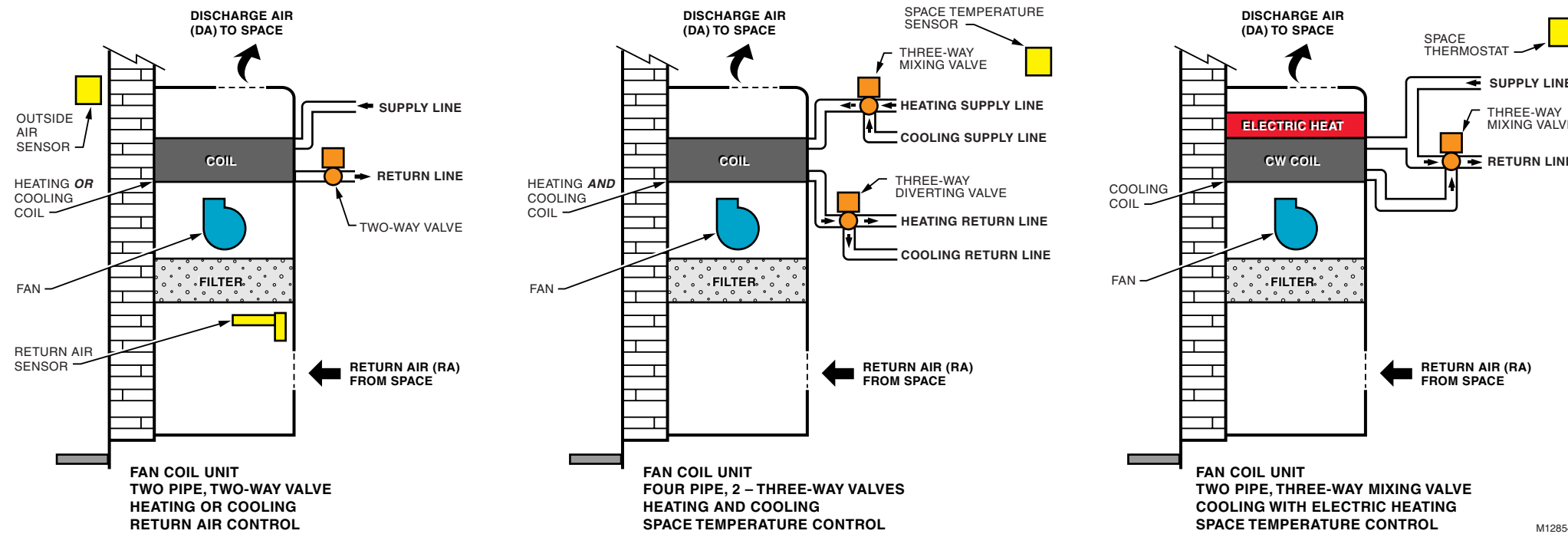


- Stand-alone or expandable. LonMark® compliant, Echelon® LonWorks® protocol-compatible (on E-Bus, Q7750 Zone Manager), free topology.
- Controls heating and cooling stages, Series 60 Floating and Pulse Width Modulation (PWM), two and four-pipe systems, single or multi-speed fans.
- Proportional Integral Derivative (PID) control and adaptive control for discharge air setpoints. Utilizes LonMark Fan Coil functional profile.
- W7752D Controller, includes 230 Vac Primary Transformer, 250 Vac 10A Relay for Electric Heat.
- W7752E Controller, includes 230 Vac Primary Transformer.
- W7752F Controller, includes 115 Vac Primary Transformer, 250 Vac 10A Relay for Electric Heat.
- W7752G Controller, includes 115 Vac Primary Transformer.

Functional Block Diagram



Duct Diagram

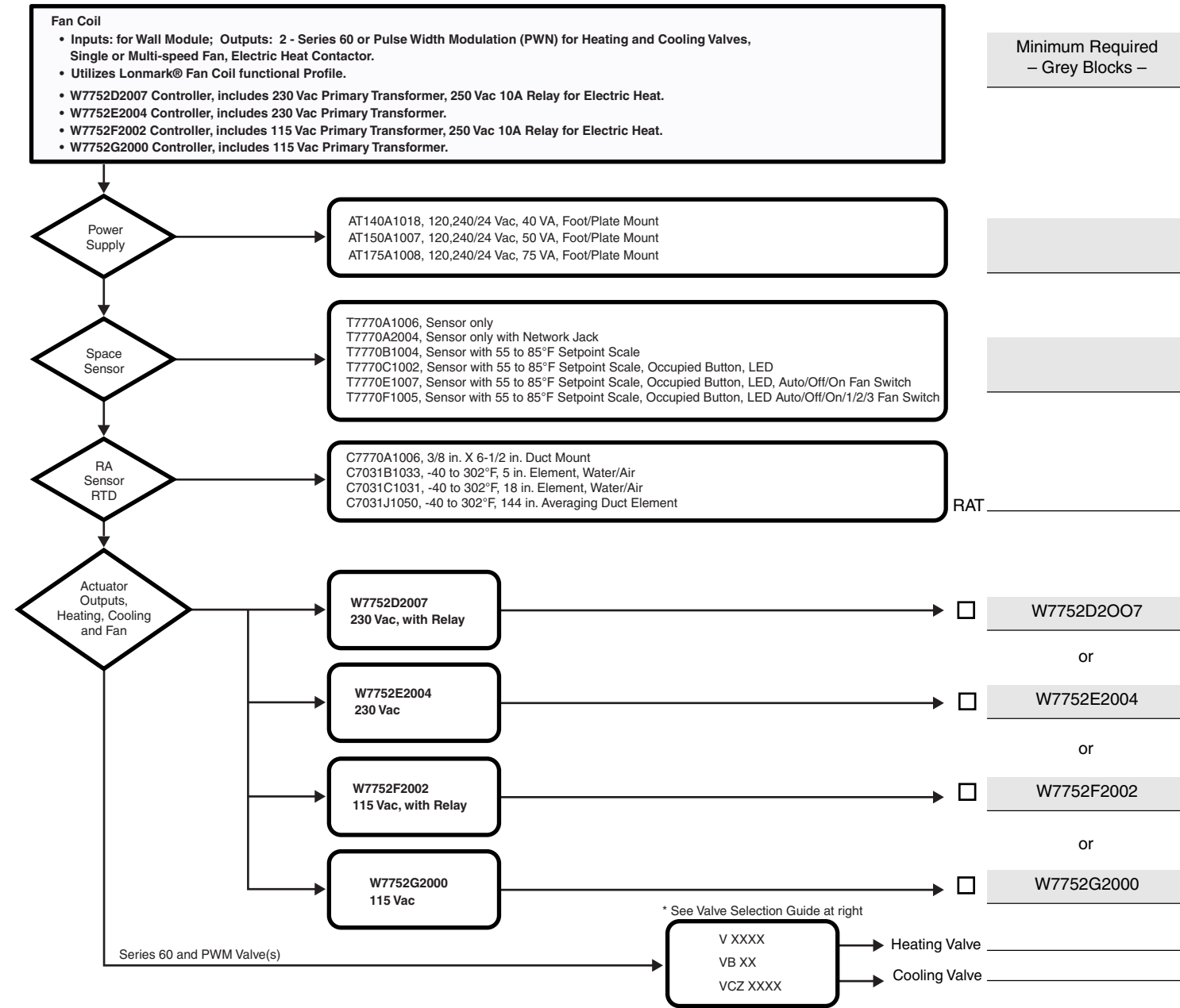


- KEY**
- INPUTS
 - ACTUATORS/VALVES
 - VENTILATION/FAN
 - HEATING
 - COOLING

APPLICATION SELECTION GUIDE

- ☐ Fan Coil - Heating
- ☐ Fan Coil - Cooling
- ☐ Fan Coil - Heating & Cooling
- ☐ Fan Coil, Two Pipe
 - ☐ Two-way Valves
 - ☐ Three-way Mixing Valves
 - ☐ Three-way Diverting Valves
- ☐ Fan Coil, Four Pipe
 - ☐ Two-way Valves
 - ☐ Three-way Mixing Valves
 - ☐ Three-way Diverting Valves
- ☐ Cooling - Chilled Water
- ☐ Heating
 - ☐ Hot Water Coil
 - ☐ Electric
- ☐ Energy Management
 - ☐ TOD, Occupied/Unoccupied
 - ☐ Communication

Excel 10 Fan Coil Application/Selection Decision Matrix



Accessories

- R8222B1067 Relay, 24 Vac Coil, spdt, 16A/120 Vac, 25A/208,277 Vac _____ Quantity _____
- R8222D1014 Relay, 24 Vac Coil, dpdt, 16A/120 Vac, 25A/208,277 Vac _____ Quantity _____
- AK3791 Wire, E-BUS, Single Twisted Pair, Plenum Rated, in feet _____ feet _____

Job Identification:

Honeywell Fan Coil Valve Selection

See Honeywell Valve Selection Guide 63-8038 for additional valves

BALL VALVE SELECTION, Series 60 Floating, Non-Spring Return 24 Vac, -30 to 150°F Ambient Temperature

Valve Assembly	Size (in.)	Cv	Ball Valve	Actuator	Spring Return	Close-off (psi)	Notes
VB34A1072	1/2 FP	15	VB30A1039	ML6161B2024	No	150	2-way FP = Full Port
VB34B1014	1/2 RP	5.4	VB30B1004	ML6161B2024	No	150	3-way RP = Reduced Port

LINEAR GLOBE IRC VALVE SELECTION, Series 60 Floating, Non-Spring Return 24 Vac, -30 to 140°F Ambient Temperature

Valve Assembly	Sweat Size (in.)	Cv	Close-off (psi)	Actuator	Notes
V5852A2007	1/2	0.19	65	M6410A1029	V5852: Two-way Valve Body M6410A1029 is Plenum Rated. M6410A1029 includes a conduit connector.
V5852A2015	1/2	0.29	65		
V5852A2023	1/2	0.47	65		
V5852A2031	1/2	0.74	65		
V5852A2049	1/2	1.2	65		
V5852A2056	1/2	1.9	45		
V5852A2064	3/4	2.9	45		
V5852A2072	3/4	4.9	45		
V5853A2006	1/2	0.29	55	M6410A1029	V5853A: Three-way Mixing Valve Body M6410A1029 is Plenum Rated. M6410A1029 includes a conduit connector.
V5853A2014	1/2	0.47	55		
V5853A2022	1/2	0.74	55		
V5853A2030	1/2	1.2	22		
V5853A2048	1/2	1.9	22		
V5853A2055	3/4	2.9	7.25		
V5853A2063	3/4	4.9	7.25		

VALVE SELECTION, Two Position, Spring Return 24 Vac, MAX 125°F Ambient Temperature

Valve Assembly	Sweat Size (in.)	Cv	Close-off (psi)	Pattern	Notes
V8043E1004	1/2	3.5	20	Two-way	Manual Opener
V8043E1012	3/4	3.5	20		18 in. Leadwires
V8043E1020	1	3.5	20		Replaceable Powerhead without opening system.
V8044A1010	1/2	4	20	Three-way Diverting	Manual Opener
V8044A1044	3/4	7	10		18 in. Leadwires Replaceable Powerhead without opening system.

VC SERIES BALANCED VALVE SELECTION, Series 60 Floating, Non-Spring Return 24 Vac, -32 to 150°F Ambient Temperature

Valve Assembly	Sweat Size (in.)	Cv	Close-off (psi)	Pattern	Actuator
VCZAA1100	1/2	3.2	60	Two-way	VC6831ZZ11, 24 Vac, 1m cable, Floating, 120 sec Timing
VCZAM1100	3/4	4.6	60		
VCZAS1100	1	6.6	60		
VCZMA6100	1/2	3.8	60	Three-way	VC6831ZZ11, 24 Vac, 1m cable, Floating, 120 sec Timing
VCZML6100	3/4	5.9	60		
VCZMS6100	1	6.6	60		