

## THERMOSTATS & ZONING

### Honeywell Thermostats

#### RedLink



- RedLINK is Honeywell's proprietary wireless communication system
- RedLINK does not require an internet router to connect system components together
- RedLINK can save time on installation by allowing component connections to be made wirelessly
- Internet Gateway required to integrate RedLINK system with a homeowner's wi-fi system
- Picture represents Vision Pro 8000

HVAC No.	MFG Part No.	Description	Heat/Cool	Program	Price
415713	TH8110R1008	VisionPRO 8000 T-Stat	1H/1C	7 day	\$364.50
415715	TH8321R1001	VisionPRO 8000 T-Stat, with Humidification Control	3H/2C	7 day	\$393.96
415709	THX9421R5021WW	Prestige 9000 Touch-Screen T-Stat	4H/2C	7 day	\$503.14
415714	TH8320R1003	VisionPRO 8000 T-Stat	3H/2C	7 day	\$337.05
379280	TH5320R1002	Wireless FocusPRO 5000, Non-Programmable	3H/2C	---	\$261.95
379281	TH6320R1004	Wireless FocusPRO 6000, Programmable	3H/2C	5-1-1	\$288.16
411429	YTH6320R1122	Wireless FocusPRO 6000 Install Kit	3H/2C	5-1-1	\$641.19
415705	YTHX9421R5101WW	Prestige IAQ T-Stat Install Kit	4H/2C	7 day	\$624.90
410590	YTHX9321R5079	Prestige 2.0 Comfort System Kit, RedLINK Enabled	4H/2C	7 day	\$691.51

#### RedLINK Accessories

HVAC No.	MFG Part No.	Description	Price
415716	THM5421R1021	Equipment Interface Module (EIM), for THX9421R5021WW	\$153.97
415726	REM1000R1003	Wireless Entry/Exit Remote	\$82.70
461086	THM6000R7001	Enabled Internet Gateway	\$126.78
379279	REM5000R1001	Portable Comfort Control	\$213.34
410577	C7189R1004	RedLINK Wireless Indoor Sensor	\$82.91
450693	ERM5220R1018	Equipment Remote Module (ERM)	\$251.87
379278	C7089R1013	RedLINK Wireless Outdoor Sensor	\$108.21
379283	THM5320R1000	Equipment Interface Module (EIM), for Focus Pro TH6320R1004 & TH5320R1002	\$293.10
379282	THM4000R1000	TrueZone Wireless Adaptor	\$125.98

#### T-Series



- All T-Series stats use the same mounting plate, for easy mounting and stat upgrade
- WiFi models integrate with smart home kits (Apple Home Kit, Amazon Echo, Google Home)
- 5-Year Warranty
- Fewer models cover more configurations, making this the ideal truck stat

HVAC No.	MFG Part No.	Description	Heat/Cool	Program	Price
456669	TH6320WF2003	T6 Pro, Lyric Wi-Fi, Dual Fuel	3H/2C HP, 2H/2C Std	7 day	\$256.24
456670	TH6220WF2006	T6 Pro, Lyric Wi-Fi	2H/1C HP, 2H/2C Std	7 day	\$196.88
456671	TH6320U2008	T6 Pro	3H/2C HP, 2H/2C Std	7 day	\$167.92
456672	TH6220U2000	T6 Pro	2H/1C HP, 2H/2C Std	7 day	\$143.41
456673	TH6210U2001	T6 Pro	2H/1C HP, 1H/1C Std	7 day	\$111.32
460418	TH4210U2002	T4 Pro	1H/1C HP, 1H/1C Std	7 day	\$132.51
459342	TH4110U2005	T4 Pro	1H/1C HP, 1H/1C Std	7 day	\$85.16

#### T-Series Accessories

HVAC No.	MFG Part No.	Description	Price
456674	THP2400A1068	Goof Plate for T-Series, Extra Large	\$29.44

#### Programmable, Wi-Fi

- Wi-Fi FocusPro 6000 shown at left



HVAC No.	MFG Part No.	Description	Heat/Cool	Program	Price
417507	TH9320WF5003	Wi-Fi 9000, Touchscreen, No Voice Control	2H/2C (Std), 3H/2C (HP)	7 Day	\$460.19
418542	TH9320WV6007	Wi-Fi 9000 With Voice Control	2H/2C (Std), 3H/2C (HP)	7 Day	\$714.78
447103	TH8321WF1001/U	Wi-Fi VisionPRO 8000, Touchscreen	2H/2C (Std), 3H/2C (HP)	7 Day	\$322.54
379298	YTHX9321R5012	Prestige Kit, Includes THX9321R5000			\$610.32
379288	YTH5320R1025	Wireless Zoning Adaptor Kit, Includes TH5320R1002, THM4000R1000			\$380.00

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#### Programmable



- FocusPro 6000 shown at left

HVAC No.	MFG Part No.	Description	Heat/Cool	Program	Price
410582	TH2110DH1002	PRO 2000 Horizontal, 5/2	1H/1C	5/2	\$80.22
350447	TL8230A1003	LineVoltPRO 8000, 7-Day, Line Volt	Heat Only	7 day	\$137.11
379291	YTH6320R1001	Wireless FocusPRO Kit, Includes TH6320R1004 Stat	3H / 2C	5-1-1	\$440.52
379293	YTH6320R1023	Wireless Zoning Adaptor Kit, Includes TH6320R1004 Stat	3H / 2C	5-1-1	\$338.96

#### Non-Programmable



- T87 shown at left

HVAC No.	MFG Part No.	Description	Heat/Cool	Price
322140	T8775A1009	T87, Digital Round	Heat Only	\$98.09
322141	T8775C1005	T87, Digital Round	1H/1C	\$127.72
353815	T87K1007	T87, Digital Round, Battery Backup	Heat Only	\$66.34
353816	T87N1000	T87, Digital Round, Battery Backup	1H/1C	\$97.08
379287	YTH5320R1000	Wireless FocusPRO Kit	3H / 2C	\$421.22
350446	TL7235A1003	LineVoltPRO 7000, Non-Programmable, Line Volt	Heat Only	\$94.21

#### Vision Pro Accessories

HVAC No.	MFG Part No.	Description	Price
128298	C7232A1008	Wall Module CO2 Sensor	\$563.12
161228	C7232B1006	Duct Mount CO2 Sensor	\$730.99
326722	C7189U1005	Remote Indoor Sensor	\$55.73
326723	C7089U1006	Remote Outdoor Sensor	\$48.24
350182	50000066-001	Wall Plate , for T87K, T87N, T8775	\$30.58
345366	50001137-001	Cover Plate Assembly, for TH5110	\$31.52
345367	50002883-001	Cover Plate Assembly, for FocusPRO 6000/5000 and PRO 4000/3000	\$25.68
350443	50007298-001	Cover Plate, for FocusPRO 6000/5000 and PRO 4000/3000, Pack of 12	\$101.26
326724	32003796-001	Cover Plate, for VisionPRO TH8000 Series Stats	\$29.67

#### Commercial Thermostats



HVAC No.	MFG Part No.	Description	Heat/Cool	Program	Price
360632	T822K1018	Bi-Metal, Vertical Mount	Heat Only	Non-programmable	\$74.72
360630	T834N1002	Bi-Metal, Vertical Mount	1H/1C	Non-programmable	\$68.31
82185	T410B1004	Line Voltage T-Stat, DPST	1H	Non-programmable	\$43.47
162034	T651A3018	Line Voltage, Heat/Cool, SPDT	1H / 1C	Non-programmable	\$140.07
380078	TR21-A	Wall Module, 10 K Ohm Non-Linear Temperature	---	---	\$58.72
352233	TB7220U1012	Commercial Pro T-Stat	2H/2C	7 day	\$505.32
319330	T451A3005	Line Voltage Stat, Heat Only	1H	Non-programmable	\$168.76

#### Thermostat Tamper Guards



HVAC No.	MFG Part No.	Description	Inside Dimension	Price
82722	TG511A1000	Clear Acrylic, Medium	5-1/16" x 6-1/16"	\$44.23
82725	TG511D1004	Painted Metal	5-1/16" x 6-1/16"	\$80.05
82726	TG512A1009	Clear Acrylic, Large	5-7/8" X 8-3/8"	\$45.89

#### Furnace Twinning



- Kit allows a single thermostat to control up to 4 HVAC units
- Can be used on common or separated ducted systems with single-stage, multi-stage and heat pump equipment
- Only standard 18 gauge thermostat wire is required
- Thermostats & HVAC systems can be located up to 300' from the panel

HVAC No.	MFG Part No.	Description	Price
389499	TK-400	Tempstat Universal Twinning Kit	\$614.31
79799	AT140A1018	Honeywell 40 VA Transformer Kit for Universal Twinning Kit	\$30.35

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### Dryout/Construction Temporary Thermostats

#### ICM Controls



HVAC No.	MFG Part No.	Temp Control Range	Input Voltage	Output Voltage	Price
128490	SC060	60°F ± 5°	18 to 30 VAC	2 Amp Maximum	\$20.62
128491	SC065	65°F ± 5°	18 to 30 VAC	2 Amp Maximum	\$19.76
128496	SC075	75°F ± 5°	18 to 30 VAC	2 Amp Maximum	\$25.26

#### Nest Labs



- Home automation system that sends mobile alerts to homeowners
- Learning thermostat that automatically adjusts temperatures according to homeowners' schedules
- Home/away feature ensures that "away" only turns on when the home is considered empty by the homeowner
- Nest Cam can be programmed to turn on when Nest Thermostat is in Away mode
- Nest Protect provides verbal commands if there's smoke or carbon monoxide detected
- Nest Protect can be silenced from the phone app in the event of a false alarm, like burned popcorn

HVAC No.	MFG Part No.	Description	Heat/Cool	Price
448407	T3008US	Nest Programmable Learning Thermostat	3H/2C	\$498.48
460619	T4001ES	Nest EPro Stat, WiFi	2H/1C or 1H/2C	\$339.86
452519	S3004PWBUS	Nest Protect, Battery Powered		\$300.68
455747	S3005PWLUS	Nest Protect, 120V Wired		\$300.68
448413	NC1103US	Indoor Nest Cam, Wi-Fi, 3 MP With 8X Digital Zoom		\$420.25
455748	NC2100ES	Outdoor Nest Cam, Builtin Speaker and Microphone		\$420.25

#### Google



- Smart Speaker from Google that can control multiple devices in the home.
- All Honeywell WiFi T6 thermostats will work with Google Home and Google Home Mini, allowing voice control of temperature

HVAC No.	MFG Part No.	Description	Price
457637	WNGOGA3A0041	Google Home Smart Speaker	\$300.68
461428	WNGOGA210CA1	Google Home Mini Smart Speaker	\$140.01

#### Aprilaire



HVAC No.	MFG Part No.	Description	Heat/Cool	Program	Price
437842	8444	Non-Programmable	1H/1C		\$82.78
437843	8446	Non-Programmable, HP	2H/1C		\$89.61
437844	8448	Non-Programmable	2H/2C (Std), 4H/2C (HP)		\$124.26
445377	8600	Programmable, Touchscreen	2H/2C (Std), 4H/2C (HP)		\$261.56
412257	8620	Programmable, Touchscreen, Plus Air Clean Control	2H/2C (Std), 4H/2C (HP)		\$324.07
437845	8463	Programmable	1H/1C	5/2	\$107.08
437846	8465	Programmable, Single Stage Heat Pump	1H/1C HP	5/2	\$139.13
437847	8466	Programmable	2H/2C (Std), 4H/2C (HP)	5/1/1	\$172.98
439280	8476	Programmable, Plus Air Clean Control	2H/2C (Std), 4H/2C (HP)	5/1/1	\$172.98

#### Amana/Goodman ComfortNet



- Required for installation of ComfortNet communicating products
- Provides option for customizable service reminders & dealer contact information
- On-board dehumidification and humidification control
- Full color display

HVAC No.	MFG Part No.	Description	Price
455810	CTK04AE	Communicating Thermostat	\$758.02

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## Ranco



HVAC No.	MFG Part No.	Description	Price
109147	ETC-111000	Temperature Controller, -30 to 220°F	\$176.00
109149	ETC-112000	Temperature Controller, 24V Electronic	\$193.24
109152	ETC-211000	Temperature Controller, 2-Stage Electronic	\$352.70
86254	WEL11A-601R	Thermal Well for Ranco ETC Controls	\$165.31
368099	ETC-212000-000	Temperature Controller, 24V Electronic, 2-Stage	\$285.58

## Zoning

### Honeywell Zoning

#### TrueZONE Panels



- Smaller footprint for installation flexibility
- Push-in terminal blocks, color coded labels & flexible wire routing can cut installation time in half
- Illuminated LEDs visually verify heat/cool and stage of equipment
- TrueZONE® HZ432 and HZ322 are RedLINK enabled, allowing wireless installation with a RedLINK stat
- 5 year warranty

HVAC No.	MFG Part No.	Description	Heat/Cool	RedLink Compatible	Price
369786	HZ432	Panel, 4 Zone, expandable to 32 zones	3H/2C	Yes	\$509.21
369787	HZ432K	Panel Kit (HZ432, Transformer, C7735 Sensor)	3H/2C	Yes	\$542.12
369960	HZ322	Panel, 3 Zone	2H/2C	Yes	\$280.88
369961	HZ322K	Panel Kit (HZ322, Transformer, C7735 Sensor)	2H/2C	Yes	\$312.27
369962	HZ311	Panel, 3 Zone	1H/1C	No	\$201.10
369963	HZ311K	Panel Kit (HZ311, Transformer, C7735 Sensor)	1H/1C	No	\$244.97
379318	HZ221	Panel, 2 Zone	2H/1C	No	\$214.20
379319	HZ221K	Panel Kit (HZ221, Transformer, C7735 Sensor)	2H/1C	No	\$257.21
448796	M847D-ZONE/U	Replacement Damper Motor for ZD and ARD Series			\$175.88

#### Zoning Components

HVAC No.	MFG Part No.	Description	Price
81408	ML6161B2024	Replacement Damper Motor for MARD/D640A	\$160.46
161122	SPC	Static Pressure Control for MARD Series	\$522.40
161145	FPC	Freeze Protection Control	\$92.11
161146	C7735A1000	Discharge Air Temperature Sensor, 2 Wire	\$91.06
161225	TAZ-4	Add-A-Zone Control Panel	\$419.75
364670	W8735D1017	Telephone Access Module, 12V With 9V Battery Backup	\$790.34
160693	C7835A1009	Discharge Air Temperature Sensor, 3 Wire	\$163.93

#### TrueZONE Bypass Dampers, Round



- Significantly cuts installation time by replacing the old weight system with a simple handle
- Installs at any orientation, at any angle
- Provides constant pressure relief regardless of blower speed

HVAC No.	MFG Part No.	Size	Price
415691	CPRD8	8"	\$197.19
415530	CPRD10	10"	\$205.11
415692	CPRD12	12"	\$209.79
415693	CPRD14	14"	\$233.50

#### TrueZONE Zone Dampers, Round



- Features galvanized steel with single-blade damper, which closes off tightly against gasket for minimal leakage
- Designated as power closed/spring return open damper for use with Honeywell Zoning Systems
- Can be field-converted when used as an independent zone or for fresh air intake
- Rated to operate up to 1" wc

HVAC No.	MFG Part No.	Size	Operation	Price
451753	ARD5TZ	5"	Normally Open / Power Closed	\$226.44
447367	ARD6TZ	6"	Normally Open / Power Closed	\$235.14
447368	ARD7TZ	7"	Normally Open / Power Closed	\$236.80
447369	ARD8TZ	8"	Normally Open / Power Closed	\$243.26
447362	ARD10TZ	10"	Normally Open / Power Closed	\$249.77

# THERMOSTATS & ZONING

## Zoning

### Honeywell Zoning

#### TrueZONE Zone Dampers, Round

HVAC No.	MFG Part No.	Size	Operation	Price
447341	ARD12TZ	12"	Normally Open / Power Closed	\$261.41
447363	ARD14TZ	14"	Normally Open / Power Closed	\$281.86
447364	ARD16TZ	16"	Normally Open / Power Closed	\$332.43
447365	ARD18TZ	18"	Normally Open / Power Closed	\$345.01
447366	ARD20TZ	20"	Normally Open / Power Closed	\$375.27

#### Zone Dampers, Round Retrofit



- Easily inserted into rigid round ducts for retrofit zoning in forced air systems
- Power open, power closed damper actuator
- Easy slide-in installation
- 2.5 VA allows for many dampers on one zone
- Quiet, long life motor automatically shuts itself off in full open and closed positions
- Gaskets around blade and under motor housing for low internal leakage and very low external leakage
- Range stops with easy adjustment from top of motor
- Easy to see and reliable mechanical blade position indicator
- Easy to hook up with conventional thermostat wire
- Simple manual blade positioning with push button gear release

HVAC No.	MFG Part No.	Size	Price
360760	RRD5	5"	\$198.47
360762	RRD6	6"	\$203.47
360763	RRD7	7"	\$208.36
360764	RRD8	8"	\$213.30

#### Modulating Dampers, Round



- Power opened/closed, zone or bypass damper
- Can be used in all residential applications
- Can be used in light commercial applications (systems larger than 5 tons) that do not exceed 2" WC at the damper
- Uses 90-second open-to-closed motor
- Can be used as a zone damper
- Used with Static Pressure Control (SPC) for bypass applications

HVAC No.	MFG Part No.	Size	Price
392825	MARD8	8"	\$418.85
165554	MARD10	10"	\$433.04
165555	MARD12	12"	\$434.81
165556	MARD14	14"	\$461.43
165557	MARD16	16"	\$489.80
165558	MARD18	18"	\$521.98

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#### Honeywell Zoning

TrueZONE Zone Dampers, Square/Rectangular



- Mechanical visual position indicator for damper status
- Solid construction using extruded aluminum frame and blades
- Parallel blade design for low leakage performance
- Simple, easy-to-wire, 2-wire installation
- Reliable, strong, 24-volt spring-return motor
- Fail-safe, normally open operation
- Damper can be installed in any orientation (mounting side can be on either the bottom or the side of the duct)

HVAC No.	MFG Part No.	Size	Price
447334	ZD6X6TZ	6" x 6"	\$289.57
447335	ZD6X8TZ	6" x 8"	\$295.26
447436	ZD6X10TZ	6" x 10"	\$298.70
447437	ZD6X12TZ	6" x 12"	\$307.92
447438	ZD6X14TZ	6" x 14"	\$313.68
447439	ZD6X16TZ	6" x 16"	\$315.92
447440	ZD6X18TZ	6" x 18"	\$321.74
451768	ZD6X20TZ	6" x 20"	\$327.47
451769	ZD6X22TZ	6" x 22"	\$333.21
447441	ZD6X24TZ	6" x 24"	\$340.10
451771	ZD6X28TZ	6" x 28"	\$343.22
447359	ZD8X6TZ	8" x 6"	\$295.26
447360	ZD8X8TZ	8" x 8"	\$295.26
447330	ZD8X10TZ	8" x 10"	\$297.59
447332	ZD8X12TZ	8" x 12"	\$309.10
447333	ZD8X14TZ	8" x 14"	\$313.68
447331	ZD8X16TZ	8" x 16"	\$317.14
447336	ZD8X18TZ	8" x 18"	\$331.23
447442	ZD8X20TZ	8" x 20"	\$327.47
447338	ZD8X22TZ	8" x 22"	\$334.36
447339	ZD8X24TZ	8" x 24"	\$341.27
447357	ZD8X26TZ	8" x 26"	\$354.40
447358	ZD8X28TZ	8" x 28"	\$362.29
447375	ZD10X6TZ	10" x 6"	\$298.70
447349	ZD10X8TZ	10" x 8"	\$297.59
447371	ZD10X10TZ	10" x 10"	\$313.68
447343	ZD10X12TZ	10" x 12"	\$322.83
447344	ZD10X14TZ	10" x 14"	\$329.76
447345	ZD10X16TZ	10" x 16"	\$338.94
447372	ZD10X18TZ	10" x 18"	\$345.83
447346	ZD10X20TZ	10" x 20"	\$344.34
447347	ZD10X22TZ	10" x 22"	\$362.29
447348	ZD10X24TZ	10" x 24"	\$360.07
447373	ZD10X26TZ	10" x 26"	\$381.36
447374	ZD10X28TZ	10" x 28"	\$392.57
447384	ZD12X6TZ	12" x 6"	\$307.92
447329	ZD12X8TZ	12" x 8"	\$309.10
447376	ZD12X10TZ	12" x 10"	\$322.83
447377	ZD12X12TZ	12" x 12"	\$322.83
447378	ZD12X14TZ	12" x 14"	\$338.94

HVAC No.	MFG Part No.	Size	Price
447379	ZD12X16TZ	12" x 16"	\$345.83
447380	ZD12X18TZ	12" x 18"	\$346.61
447350	ZD12X20TZ	12" x 20"	\$352.19
448769	ZD12X22TZ	12" x 22"	\$370.13
447381	ZD12X24TZ	12" x 24"	\$381.36
447382	ZD12X26TZ	12" x 26"	\$395.98
447383	ZD12X28TZ	12" x 28"	\$403.77
447390	ZD14X6TZ	14" x 6"	\$313.68
447391	ZD14X8TZ	14" x 8"	\$313.68
447351	ZD14X10TZ	14" x 10"	\$329.76
447385	ZD14X12TZ	14" x 12"	\$338.94
447352	ZD14X14TZ	14" x 14"	\$345.83
447386	ZD14X16TZ	14" x 16"	\$346.61
447387	ZD14X18TZ	14" x 18"	\$365.67
447388	ZD14X20TZ	14" x 20"	\$370.13
447389	ZD14X22TZ	14" x 22"	\$376.91
451754	ZD14X24TZ	14" x 24"	\$398.20
448181	ZD14X26TZ	14" x 26"	\$418.36
451755	ZD14X28TZ	14" x 28"	\$429.60
447395	ZD16X6TZ	16" x 6"	\$315.92
447355	ZD16X8TZ	16" x 8"	\$317.14
447353	ZD16X10TZ	16" x 10"	\$338.94
447354	ZD16X12TZ	16" x 12"	\$345.83
447392	ZD16X14TZ	16" x 14"	\$346.61
447393	ZD16X16TZ	16" x 16"	\$361.16
451756	ZD16X18TZ	16" x 18"	\$380.23
447394	ZD16X20TZ	16" x 20"	\$386.97
451757	ZD16X22TZ	16" x 22"	\$399.29
451758	ZD16X24TZ	16" x 24"	\$420.63
451759	ZD16X26TZ	16" x 26"	\$438.56
451761	ZD18X6TZ	18" x 6"	\$321.74
447356	ZD18X8TZ	18" x 8"	\$322.83
447396	ZD18X10TZ	18" x 10"	\$345.83
447397	ZD18X12TZ	18" x 12"	\$346.61
447398	ZD18X14TZ	18" x 14"	\$365.67
447399	ZD18X16TZ	18" x 16"	\$380.23
447400	ZD18X18TZ	18" x 18"	\$415.02
447401	ZD18X20TZ	18" x 20"	\$437.47
451760	ZD18X22TZ	18" x 22"	\$438.56
448184	ZD18X24TZ	18" x 24"	\$456.50
447402	ZD18X26TZ	18" x 26"	\$472.04
447410	ZD20X8TZ	20" x 8"	\$327.47
447403	ZD20X10TZ	20" x 10"	\$344.34
447404	ZD20X12TZ	20" x 12"	\$352.19
447405	ZD20X14TZ	20" x 14"	\$370.13
447406	ZD20X16TZ	20" x 16"	\$386.97
447407	ZD20X18TZ	20" x 18"	\$434.13
447408	ZD20X20TZ	20" x 20"	\$448.62
451762	ZD20X22TZ	20" x 22"	\$456.50
447409	ZD20X24TZ	20" x 24"	\$476.74
447417	ZD22X8TZ	22" x 8"	\$334.36
447411	ZD22X10TZ	22" x 10"	\$362.29
447412	ZD22X12TZ	22" x 12"	\$370.13
447413	ZD22X14TZ	22" x 14"	\$376.91
447414	ZD22X16TZ	22" x 16"	\$399.29
447415	ZD22X18TZ	22" x 18"	\$438.56
451763	ZD22X20TZ	22" x 20"	\$456.50
451764	ZD22X22TZ	22" x 22"	\$475.61
447416	ZD22X24TZ	22" x 24"	\$496.92
447340	ZD24X8TZ	24" x 8"	\$341.27
447418	ZD24X10TZ	24" x 10"	\$360.07

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TrueZONE Zone Dampers, Square/Rectangular

HVAC No.	MFG Part No.	Size	Price
447419	ZD24X12TZ	24" x 12"	\$381.36
447420	ZD24X14TZ	24" x 14"	\$398.20
447421	ZD24X16TZ	24" x 16"	\$420.63
447422	ZD24X18TZ	24" x 18"	\$456.50
447423	ZD24X20TZ	24" x 20"	\$476.74
451765	ZD24X22TZ	24" x 22"	\$496.92
447424	ZD24X24TZ	24" x 24"	\$517.10
447430	ZD26X8TZ	26" x 8"	\$354.40
447425	ZD26X10TZ	26" x 10"	\$381.36
447426	ZD26X12TZ	26" x 12"	\$395.98
451766	ZD26X14TZ	26" x 14"	\$418.36
447427	ZD26X16TZ	26" x 16"	\$438.56
447428	ZD26X18TZ	26" x 18"	\$481.17
447429	ZD26X20TZ	26" x 20"	\$478.93
447435	ZD28X8TZ	28" x 8"	\$362.29
447431	ZD28X10TZ	28" x 10"	\$392.57
447432	ZD28X12TZ	28" x 12"	\$403.77
447433	ZD28X14TZ	28" x 14"	\$429.60
447434	ZD28X16TZ	28" x 16"	\$449.80
451767	ZD28X20TZ	28" x 20"	\$492.41

THERMOSTATS & ZONING

## THERMOSTATS & ZONING

### Zoning

#### EWC Zoning

##### Zone Control Panels



- UZC and BMPlus feature automatic changeover from any thermostat
- UZC and BMPlus compatible with single stage, two stage, dual fuel and heat pumps
- UZC panels can control up to 20 zones
- BMPlus can be set to select staging based on adjustable time delay or outside air temperature

HVAC No.	MFG Part No.	Description	Price
364920	NCM-300	Panel, 2-3 Zone, Non-Expandable	\$364.16
365080	UZC-4	Panel, 4 Zone, Includes SAS Sensor	\$757.16
365083	UZC-6	Panel, 6 Zone, Includes SAS Sensor	\$989.14
365085	UZC-8	Panel, 8 Zone, Includes SAS Sensor	\$1,063.36
365086	UZC-10	Panel, 10 Zone, Includes SAS Sensor	\$1,731.98
365088	UZC-12	Panel, 12 Zone, Includes SAS Sensor	\$1,741.72
365089	UZC-14	Panel, 14 Zone, Includes SAS Sensor	\$1,807.01
365090	UZC-16	Panel, 16 Zone, Includes SAS Sensor	\$2,078.29
364994	BMPLUS-3000	Panel, 3 Zone, Includes SAS Sensor	\$381.30
365058	BMPLUS-5000	Panel, 5 Zone, Includes SAS Sensor	\$522.40
365079	BMPLUS-7000	Panel, 7 Zone, Includes SAS Sensor	\$823.83
411897	UT-3000	Panel, 3 Zone, 24V, Communicating, Includes SAS Sensor	\$761.40
364881	ST-2E	Panel, 2 Zone, for 1-stage Heat/Cool, with Manual Changeover	\$263.36
364898	ST-3E	Panel, 3 Zone, for 1-stage Heat/Cool, with Manual Changeover	\$301.37
364895	XM-2	Expansion Panel for BMPlus Series, Adds 2 Zones	\$348.71
364905	ZXM-2	Expansion Panel for UZC Series, Adds 2 Zones	\$352.76

#### Parts and Accessories

HVAC No.	MFG Part No.	Description	Price
365000	BT-DP	Double Pole Bulb Thermostat, 0-100F Range	\$369.94
364879	BT-SP	Single Pole Bulb Thermostat, 15-90F Range	\$336.86
364826	CPLS	Coil Temperature Monitor, Mounts on Suction Line	\$51.20
364873	F1	Replacement Fuse, 2 AG, 3 Amp, for ST, STHP Panels, Includes 5 fuses	\$24.99
364836	FAC	SPDT Switch to Replace Stat for Manual Damper Control	\$76.82
364850	MCS-DXB	Remote Selector Switch for ST Series Panels	\$129.36
364875	MP	Manual Position Control for Up to 10 Modulating Dampers	\$269.49
364832	OAS	Outdoor Air Sensor	\$63.32
364817	PRD-WEIGHT&ARM	Extra Weight and Arm Set for PRD Series	\$28.18
364851	PRD-WEIGHTS-10	Replacement Weights for PRD Series, Box of 10	\$133.41
364835	RAC	SPDT Switch Labeled "AC Damper", Replaces Stat for Manual Damper Control	\$76.82
364856	S1A	End-Switch for ND, URD Dampers, Line Voltage Rated	\$167.10
364831	SAS	Supply Air Sensor	\$63.32
364834	VAC	Setback Switch, Illuminated, 1 Zone	\$76.82
364909	PS-4	Pressure Switch for EBD Series Dampers	\$306.26

#### Bypass Dampers



- All-in-one design makes installation process much easier than most electronic bypass dampers
- Static pressure can be field adjusted with a set-screw between .5" and 4" of pressure
- Tubing & pitot tube are included

HVAC No.	MFG Part No.	Description	Size	Price
441747	EBD-8RD	Round	8"	\$573.09
365065	EBD-10RD	Round	10"	\$596.99
365069	EBD-12RD	Round	12"	\$648.31
365074	EBD-14RD	Round	14"	\$631.95
365081	EBD-16RD	Round	16"	\$1,517.04
365082	EBD-18RD	Round	18"	\$900.69
365084	EBD-20RD	Round	20"	\$941.60
365068	EBD-12X8	Square/Rectangle	12" x 8"	\$601.57
365071	EBD-12X10	Square/Rectangle	12" x 10"	\$619.56
365072	EBD-12X12	Square/Rectangle	12" x 12"	\$663.71



## THERMOSTATS & ZONING

### Zoning

#### EWC Zoning

##### Bypass Dampers

HVAC No.	MFG Part No.	Description	Size	Price
365073	EBD-20X8	Square/Rectangle	20" x 8"	\$624.08
365075	EBD-20X10	Square/Rectangle	20" x 10"	\$651.06
365076	EBD-20X12	Square/Rectangle	20" x 12"	\$624.08

##### Smart Bypass Dampers, Round



- Smart self-balancing feature eliminates the need for measuring instruments, weight or spring adjustments during set up
- Unique blade design & self-balancing feature eliminate the need to install and set up a separate bypass damper

HVAC No.	MFG Part No.	Size	Price
451752	SBD-8RD	8"	\$521.87
451460	SBD-10RD	10"	\$542.77
447451	SBD-12RD	12"	\$626.03
451748	SBD-14RD	14"	\$609.50
451749	SBD-16RD	16"	\$822.61
451750	SBD-18RD	18"	\$845.10
451751	SBD-20RD	20"	\$882.27

##### Barometric Dampers



- Economical bypass damper
- On model PRD-RD, offsetting arm can be inserted into either side of the damper

HVAC No.	MFG Part No.	Description	Size	Price
364857	PRD-8RD	Round	8"	\$173.00
364860	PRD-10RD	Round	10"	\$173.90
450615	PRD-12RD	Round	12"	\$171.38
450616	PRD-14RD	Round	14"	\$205.70
364874	PRD-16RD	Round	16"	\$208.87
394804	PRD-12X8	Square/Rectangle	12" x 8"	\$193.58
364866	PRD-12X10	Square/Rectangle	12" x 10"	\$191.90
364870	PRD-12X12	Square/Rectangle	12" x 12"	\$205.70
390409	PRD-20X8	Square/Rectangle	20" x 8"	\$225.77
395403	PRD-20X10	Square/Rectangle	20" x 10"	\$233.27
412237	PRD-20X12	Square/Rectangle	20" x 12"	\$242.07

##### Motorized Zone Dampers, Round



- URD is full power open/power close
- URD features green & red LEDs to indicate open/closed
- RSD does not have LED
- RSD is a field reversible to be power open/spring closed; standard is power closed/spring open

HVAC No.	MFG Part No.	Size	Operation	Price
364883	URD-4RD	4"	Powered/Powered	\$264.60
452358	URD-5RD		Powered/Powered	\$236.61
360742	URD-6RD	6"	Powered/Powered	\$312.77
364886	URD-7RD	7"	Powered/Powered	\$255.30
364889	URD-8RD	8"	Powered/Powered	\$240.37
364891	URD-9RD	9"	Powered/Powered	\$263.49
413023	URD-10RD	10"	Powered/Powered	\$273.59
364896	URD-12RD	12"	Powered/Powered	\$286.71
364900	URD-14RD	14"	Powered/Powered	\$328.52
364930	URD-16RD	16"	Powered/Powered	\$379.66
365008	URD-18RD	18"	Powered/Powered	\$432.92
365033	URD-20RD	20"	Powered/Powered	\$485.75
364884	RSD-4RD	4"	Powered / Spring Return	\$264.60
446085	RSD-6RD	6"	Powered / Spring Return	\$302.88
364888	RSD-7RD	7"	Powered / Spring Return	\$268.28
448812	RSD-8RD	8"	Powered / Spring Return	\$250.13

THERMOSTATS & ZONING

## THERMOSTATS & ZONING

### Zoning

#### EWC Zoning

##### Motorized Zone Dampers, Round

HVAC No.	MFG Part No.	Size	Operation	Price
364892	RSD-9RD	9"	Powered / Spring Return	\$276.86
364894	RSD-10RD	10"	Powered / Spring Return	\$280.54
451452	RSD-12RD	12"	Powered / Spring Return	\$294.00
364901	RSD-14RD	14"	Powered / Spring Return	\$336.86
364931	RSD-16RD	16"	Powered / Spring Return	\$357.57
365009	RSD-18RD	18"	Powered / Spring Return	\$439.91
365034	RSD-20RD	20"	Powered / Spring Return	\$674.67
364937	URD-SR120-4RD	4"	Powered / Spring Return, 120V with End Switch	\$449.78
364938	URD-SR120-5RD	5"	Powered / Spring Return, 120V with End Switch	\$450.91
364942	URD-SR120-6RD	6"	Powered / Spring Return, 120V with End Switch	\$453.16
364943	URD-SR120-7RD	7"	Powered / Spring Return, 120V with End Switch	\$453.16
364947	URD-SR120-8RD	8"	Powered / Spring Return, 120V with End Switch	\$457.65
364953	URD-SR120-9RD	9"	Powered / Spring Return, 120V with End Switch	\$459.90
364961	URD-SR120-10RD	10"	Powered / Spring Return, 120V with End Switch	\$463.28
364972	URD-SR120-12RD	12"	Powered / Spring Return, 120V with End Switch	\$474.52
364987	URD-SR120-14RD	14"	Powered / Spring Return, 120V with End Switch	\$511.62
364999	URD-SR120-16RD	16"	Powered / Spring Return, 120V with End Switch	\$556.58

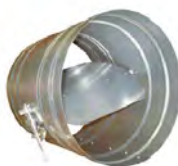
##### Slip-In Retrofit Dampers, Round



- Up to 20 SIDs can be controlled from a single EWC Controls zone panel with a 40va transformer
- Optional S1A end switch allows for increased flexibility

HVAC No.	MFG Part No.	Size	Operation	Price
364862	SID-4RD	4"	Powered / Powered	\$200.68
364863	SID-5RD	5"	Powered / Powered	\$190.97
440576	SID-6RD	6"	Powered / Powered	\$160.59
364867	SID-7RD	7"	Powered / Powered	\$196.94
364869	SID-8RD	8"	Powered / Powered	\$208.87
364876	SID-9RD	9"	Powered / Powered	\$238.31
364882	SID-10RD	10"	Powered / Powered	\$574.12

##### Restricting Hand Dampers, Round



HVAC No.	MFG Part No.	Size	Price
441748	RD-HD-8RD	8"	\$102.67
444485	RD-HD-10RD	10"	\$114.56
440699	RD-HD-12RD	12"	\$114.64
440700	RD-HD-14RD	14"	\$134.76

##### Motorized Zone Dampers, Square/Rectangular



- 97% leakproof rating
- Easy to install - simple 3-wire hookup
- Nylon bushings for quiet operation
- Heavy duty frame
- LEDs to show damper operation
- Easy access, quick connecting terminal block eliminates the need for wire nuts
- Powered open, powered close

HVAC No.	MFG Part No.	Size	Motor	Price
364902	ND-8X6	8" x 6"	Side Mount	\$347.91
364904	ND-8X8	8" x 8"	Side Mount	\$353.87
364907	ND-8X10	8" x 10"	Bottom Mount	\$351.83
364911	ND-8X12	8" x 12"	Bottom Mount	\$346.37
364915	ND-8X14	8" x 14"	Bottom Mount	\$351.02
364919	ND-8X16	8" x 16"	Bottom Mount	\$358.30
364922	ND-8X18	8" x 18"	Bottom Mount	\$370.10

**THERMOSTATS & ZONING**

**Zoning**

**EWC Zoning**

Motorized Zone Dampers, Square/Rectangular

HVAC No.	MFG Part No.	Size	Motor	Price
364928	ND-8X20	8" x 20"	Bottom Mount	\$353.79
364936	ND-8X22	8" x 22"	Bottom Mount	\$414.10
364945	ND-8X24	8" x 24"	Bottom Mount	\$392.81
364964	ND-8X26	8" x 26"	Bottom Mount	\$385.69
364975	ND-8X28	8" x 28"	Bottom Mount	\$394.67
364981	ND-8X30	8" x 30"	Bottom Mount	\$401.42
364903	ND-10X6	10" x 6"	Side Mount	\$342.01
364906	ND-10X8	10" x 8"	Side Mount	\$338.21
364913	ND-10X10	10" x 10"	Side Mount	\$422.27
364925	ND-10X12	10" x 12"	Bottom Mount	\$374.91
364933	ND-10X14	10" x 14"	Bottom Mount	\$377.31
364941	ND-10X16	10" x 16"	Bottom Mount	\$604.91
364949	ND-10X18	10" x 18"	Bottom Mount	\$372.20
364958	ND-10X20	10" x 20"	Bottom Mount	\$495.47
364970	ND-10X22	10" x 22"	Bottom Mount	\$391.31
364982	ND-10X24	10" x 24"	Bottom Mount	\$401.42
364997	ND-10X26	10" x 26"	Bottom Mount	\$416.05
365002	ND-10X28	10" x 28"	Bottom Mount	\$426.17
365013	ND-10X30	10" x 30"	Bottom Mount	\$438.52
364908	ND-12X6	12" x 6"	Side Mount	\$358.93
364910	ND-12X8	12" x 8"	Side Mount	\$346.37
364923	ND-12X10	12" x 10"	Side Mount	\$374.91
364929	ND-12X12	12" x 12"	Side Mount	\$379.66
364934	ND-12X14	12" x 14"	Bottom Mount	\$371.07
364951	ND-12X16	12" x 16"	Bottom Mount	\$397.57
364959	ND-12X18	12" x 18"	Bottom Mount	\$384.55
364971	ND-12X20	12" x 20"	Bottom Mount	\$391.31
364985	ND-12X22	12" x 22"	Bottom Mount	\$403.66
364993	ND-12X24	12" x 24"	Bottom Mount	\$413.78
365006	ND-12X26	12" x 26"	Bottom Mount	\$430.65
365017	ND-12X28	12" x 28"	Bottom Mount	\$439.66
365026	ND-12X30	12" x 30"	Bottom Mount	\$464.37
364912	ND-14X6	14" x 6"	Side Mount	\$366.26
364914	ND-14X8	14" x 8"	Side Mount	\$368.11
364932	ND-14X10	14" x 10"	Side Mount	\$379.66
364946	ND-14X12	14" x 12"	Side Mount	\$426.45
364952	ND-14X14	14" x 14"	Side Mount	\$375.56
364960	ND-14X16	14" x 16"	Bottom Mount	\$464.23
364967	ND-14X18	14" x 18"	Bottom Mount	\$389.07
364977	ND-14X20	14" x 20"	Bottom Mount	\$420.27
364990	ND-14X22	14" x 22"	Bottom Mount	\$409.31
365011	ND-14X24	14" x 24"	Bottom Mount	\$432.92
365022	ND-14X26	14" x 26"	Bottom Mount	\$455.39
365028	ND-14X28	14" x 28"	Bottom Mount	\$465.51
365043	ND-14X30	14" x 30"	Bottom Mount	\$492.49
364916	ND-16X6	16" x 6"	Side Mount	\$363.53
364917	ND-16X8	16" x 8"	Side Mount	\$356.87
364940	ND-16X10	16" x 10"	Side Mount	\$389.21
364950	ND-16X12	16" x 12"	Side Mount	\$374.43
364955	ND-16X14	16" x 14"	Side Mount	\$408.32
364986	ND-16X18	16" x 18"	Bottom Mount	\$402.55
364998	ND-16X20	16" x 20"	Bottom Mount	\$416.05
365014	ND-16X22	16" x 22"	Bottom Mount	\$434.05
365020	ND-16X24	16" x 24"	Bottom Mount	\$454.29

THERMOSTATS & ZONING

**THERMOSTATS & ZONING**

**Zoning**

**EWC Zoning**

Motorized Zone Dampers, Square/Rectangular

HVAC No.	MFG Part No.	Size	Motor	Price
365032	ND-16X26	16" x 26"	Bottom Mount	\$477.90
365036	ND-16X28	16" x 28"	Bottom Mount	\$486.89
365050	ND-16X30	16" x 30"	Bottom Mount	\$522.88
364918	ND-18X6	18" x 6"	Side Mount	\$356.87
364921	ND-18X8	18" x 8"	Side Mount	\$370.10
364948	ND-18X10	18" x 10"	Side Mount	\$372.20
364956	ND-18X12	18" x 12"	Side Mount	\$384.55
364966	ND-18X14	18" x 14"	Side Mount	\$389.07
364983	ND-18X16	18" x 16"	Side Mount	\$402.55
364988	ND-18X18	18" x 18"	Side Mount	\$405.93
365007	ND-18X20	18" x 20"	Bottom Mount	\$430.65
365024	ND-18X22	18" x 22"	Bottom Mount	\$462.15
365030	ND-18X24	18" x 24"	Bottom Mount	\$471.16
365044	ND-18X26	18" x 26"	Bottom Mount	\$492.49
364924	ND-20X6	20" x 6"	Side Mount	\$354.21
364926	ND-20X8	20" x 8"	Side Mount	\$378.46
364957	ND-20X10	20" x 10"	Side Mount	\$139.80
364968	ND-20X12	20" x 12"	Side Mount	\$415.51
364976	ND-20X14	20" x 14"	Side Mount	\$420.27
364995	ND-20X16	20" x 16"	Side Mount	\$416.05
365004	ND-20X18	20" x 18"	Side Mount	\$430.65
365018	ND-20X20	20" x 20"	Side Mount	\$447.51
365038	ND-20X22	20" x 22"	Bottom Mount	\$488.02
365040	ND-20X24	20" x 24"	Bottom Mount	\$491.38
364927	ND-22X6	22" x 6"	Side Mount	\$356.43
364935	ND-22X8	22" x 8"	Side Mount	\$360.95
364969	ND-22X10	22" x 10"	Side Mount	\$391.31
364984	ND-22X12	22" x 12"	Side Mount	\$402.55
364989	ND-22X14	22" x 14"	Side Mount	\$409.31
365012	ND-22X16	22" x 16"	Side Mount	\$434.05
365023	ND-22X18	22" x 18"	Side Mount	\$462.15
365037	ND-22X20	22" x 20"	Side Mount	\$488.02
365047	ND-22X22	22" x 22"	Side Mount	\$517.25
364939	ND-24X6	24" x 6"	Side Mount	\$365.42
364944	ND-24X8	24" x 8"	Side Mount	\$392.81
364979	ND-24X10	24" x 10"	Side Mount	\$401.42
364992	ND-24X12	24" x 12"	Side Mount	\$413.78
365010	ND-24X14	24" x 14"	Side Mount	\$432.92
365019	ND-24X16	24" x 16"	Side Mount	\$454.29
365029	ND-24X18	24" x 18"	Side Mount	\$471.16
365039	ND-24X20	24" x 20"	Side Mount	\$491.38
365048	ND-24X22	24" x 22"	Side Mount	\$517.25
365055	ND-24X24	24" x 24"	Side Mount	\$548.73
364954	ND-26X6	26" x 6"	Side Mount	\$381.19
364962	ND-26X8	26" x 8"	Side Mount	\$372.16
364996	ND-26X10	26" x 10"	Side Mount	\$416.05
365005	ND-26X12	26" x 12"	Side Mount	\$430.65
365021	ND-26X14	26" x 14"	Side Mount	\$455.39
365031	ND-26X16	26" x 16"	Side Mount	\$477.90
365041	ND-26X18	26" x 18"	Side Mount	\$492.49
365046	ND-26X20	26" x 20"	Side Mount	\$513.87
365052	ND-26X22	26" x 22"	Side Mount	\$529.60
365057	ND-26X24	26" x 24"	Side Mount	\$553.25
365061	ND-26X26	26" x 26"	Side Mount	\$573.45

THERMOSTATS & ZONING

**THERMOSTATS & ZONING**

**Zoning**

**EWC Zoning**

Motorized Zone Dampers, Square/Rectangular

HVAC No.	MFG Part No.	Size	Motor	Price
364963	ND-28X6	28" x 6"	Side Mount	\$385.69
364974	ND-28X8	28" x 8"	Side Mount	\$394.67
365001	ND-28X10	28" x 10"	Side Mount	\$426.17
365016	ND-28X12	28" x 12"	Side Mount	\$439.66
365027	ND-28X14	28" x 14"	Side Mount	\$465.51
365035	ND-28X16	28" x 16"	Side Mount	\$486.89
365045	ND-28X18	28" x 18"	Side Mount	\$503.75
365051	ND-28X20	28" x 20"	Side Mount	\$522.88
365054	ND-28X22	28" x 22"	Side Mount	\$543.12
365059	ND-28X24	28" x 24"	Side Mount	\$562.23
365062	ND-28X26	28" x 26"	Side Mount	\$580.23
365066	ND-28X28	28" x 28"	Side Mount	\$597.09
364973	ND-30X6	30" x 6"	Side Mount	\$393.54
364980	ND-30X8	30" x 8"	Side Mount	\$401.42
365015	ND-30X10	30" x 10"	Side Mount	\$705.60
365025	ND-30X12	30" x 12"	Side Mount	\$464.37
365042	ND-30X14	30" x 14"	Side Mount	\$492.49
365049	ND-30X16	30" x 16"	Side Mount	\$522.88
365056	ND-30X18	30" x 18"	Side Mount	\$549.86
365060	ND-30X20	30" x 20"	Side Mount	\$563.33
365064	ND-30X22	30" x 22"	Side Mount	\$591.44
365067	ND-30X24	30" x 24"	Side Mount	\$610.58
365070	ND-30X26	30" x 26"	Side Mount	\$645.41
365077	ND-30X28	30" x 28"	Side Mount	\$699.38
365078	ND-30X30	30" x 30"	Side Mount	\$733.15

Ductboard Adaptors for ND and ND-RSD Series Dampers



- Used to mount ND and ND-RSD style dampers to fiberglass ductboard
- Brackets are 1" thick

HVAC No.	MFG Part No.	Description	Price
364818	DBA-6	Fits 6" Tall Dampers-For 1" Ductboard	\$33.81
364820	DBA-8	Fits 8" Tall Dampers-For 1" Ductboard	\$36.65
364824	DBA-10	Fits 10" Tall Dampers-For 1" Ductboard	\$40.43
364827	DBA-12	Fits 12" Tall Dampers-For 1" Ductboard	\$48.51
364837	DBA-14	Fits 14" Tall Dampers-For 1" Ductboard	\$63.36
364839	DBA-16	Fits 16" Tall Dampers-For 1" Ductboard	\$62.20
364842	DBA-18	Fits 18" Tall Dampers-For 1" Ductboard	\$70.08
364844	DBA-20	Fits 20" Tall Dampers-For 1" Ductboard	\$59.35
364846	DBA-22	Fits 22" Tall Dampers-For 1" Ductboard	\$72.77
364848	DBA-24	Fits 24" Tall Dampers-For 1" Ductboard	\$71.67

# THERMOSTATS & ZONING

## Bypass Damper Sizing Guide

### How to Size a Honeywell TruZONE® Bypass Damper (Model CPRD)

Background.

The TruZone Bypass constant pressure regulating damper (CPRD) is a round static pressure relief damper. It is used in forced-air bypass applications to relieve excess static pressure when some of the zone dampers are closed. The damper is installed in a duct that delivers air to the return or a dump zone. The damper automatically opens and closes to maintain a desired static pressure.

The CPRD uses a calibrated spring to regulate the bypass air accurately when any number or combination of zones is calling. Conventional, weighted arm, bypass dampers may operate properly when one zone is calling; however, when different combinations of zones are calling, they bypass too much or too little. This can cause call backs when homeowners complain of air noise.

Procedure.

1. Size the bypass damper by subtracting the cfm of the smallest zone from the cfm of the system.
  - a. Bypass CFM = Total System CFM minus Smallest Zone CFM
2. Consult the table below to determine the CPRD to use.

Bypass Damper Model	Maximum Airflow
CPRD8	600 CFM
CPRD10	1000 CFM
CPRD12	1400 CFM
CPRD14	1700 CFM

Example.

- Total System Airflow: 2000 CFM
- Smallest Zone Airflow: 400 CFM
- $2000 - 400 = 1600$  CFM Bypass Airflow
- Select CPRD14 from table above.