

TOTALINE®

Universal HVAC/R
Parts and Supplies

INDOOR AIR QUALITY

UNIVERSAL TL SERIES GENERAL SELECTION GUIDE FOR CONTROLLERS & DAMPERS

Totaline® Aftermarket Zoning offers a full line-up of universal application 2-zone and 4-zone controllers and a complete high quality line of round and rectangular dampers. This line was designed with the contractor in mind, making it easy to install, easy to set up and easy to troubleshoot.



Features	Controller Model		
	TL-EZ2F	TL-EZ4F	TL-EZ2N
Full Featured 2-Zone Controller	✓	N/A	✓
Full Featured 4-Zone Controller	N/A	✓	N/A
Fresh Air Control	✓	✓	N/A
Economizer Control	✓	✓	N/A
Expansion Board Option	✓	✓	N/A
Gas/Electric – Heat Pump – Dual Fuel	✓	✓	Dual Fuel N/A
3H/2C Universal	✓	✓	✓
Easy Step by Step System Setup	✓	✓	✓
Clear Acrylic Case for Easy Viewing	✓	✓	✓

Features	Model TL-POC	Model TL-FAD	Model TL-SRD	Model TL-BBD	Model TL-RPOCA	Model TL-RSRDA
Round	✓	✓	✓	✓	N/A	N/A
Rectangular	N/A	N/A	N/A	N/A	✓	✓
2-Wire Power Close/Spring Open Supply Air Damper	N/A	✓	✓	N/A	N/A	✓
3-Wire Power Open/Power Close Supply Air Damper	✓	N/A	N/A	N/A	✓	N/A
Red/Green LEDs Indicate Full Open/Closed Position	✓	N/A	N/A	N/A	✓	N/A
Red LED Indicates Power to Damper	N/A	✓	✓	N/A	N/A	✓
Poron Blad Edges Provides Positive Seal	✓	N/A	N/A	N/A	N/A	N/A
PVC Shaft Eliminates Condensation at Motor Hub	✓	N/A	N/A	N/A	N/A	N/A
Nylon Shaft Bushings Promote Long-Life Operation	✓	✓	✓	✓	✓	✓
30-Second Operation Full Open to Full Close	✓	✓	✓	N/A	✓	✓
Long Life Actuator	N/A	✓	✓	N/A	N/A	N/A
Opposed Blade Design Reduces Turbulence	N/A	N/A	N/A	N/A	✓	✓
Insulation Pad Between Actuator and Damper Cylinder	✓	N/A	✓	✓	✓	N/A
Five-year warranty						

CONTRACTOR FRIENDLY



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	2 - Zone System	3 - Zone System	4 - Zone System
3 Ton	Barometric Bypass 1200 CFM Model Number Description TL-EZ2N/F* 2 Zone Control TL-BBD10 10" Barometric Bypass Pick two supply dampers from the information below to equal 1200 CFM	Modulating Bypass 1200 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD10 10" Modulating Bypass Pick three supply dampers from the information below to equal 1200 CFM	Modulating Bypass 1200 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD10 10" Modulating Bypass Pick four supply dampers from the information below to equal 1200 CFM
	Barometric Bypass 1400 CFM Model Number Description TL-EZ2N/F* 2 Zone Control TL-BBD12 12" Barometric Bypass Pick two supply dampers from the information below to equal 1400 CFM	Modulating Bypass 1400 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD12 12" Modulating Bypass Pick three supply dampers from the information below to equal 1400 CFM	Modulating Bypass 1400 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD12 12" Modulating Bypass Pick four supply dampers from the information below to equal 1400 CFM
4 Ton	Barometric Bypass 1600 CFM Model Number Description TL-EZ2N/F* 2 Zone Control TL-BBD12 12" Barometric Bypass Pick two supply dampers from the information below to equal 1600 CFM	Modulating Bypass 1600 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD12 12" Modulating Bypass Pick three supply dampers from the information below to equal 1600 CFM	Modulating Bypass 1600 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD12 12" Modulating Bypass Pick four supply dampers from the information below to equal 1600 CFM
	Barometric Bypass 2000 CFM Model Number Description TL-EZ2N/F* 2 Zone Control TL-BBD14 14" Barometric Bypass Pick two supply dampers from the information below to equal 2000 CFM	Modulating Bypass 2000 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD14 14" Modulating Bypass Pick three supply dampers from the information below to equal 2000 CFM	Modulating Bypass 2000 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD14 14" Modulating Bypass Pick four supply dampers from the information below to equal 2000 CFM
5 Ton	Barometric Bypass 2000 CFM Model Number Description TL-EZ2N/F* 2 Zone Control TL-BBD14 14" Barometric Bypass Pick two supply dampers from the information below to equal 2000 CFM	Modulating Bypass 2000 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD14 14" Modulating Bypass Pick three supply dampers from the information below to equal 2000 CFM	Modulating Bypass 2000 CFM Model Number Description TL-EZ4F* 4 Zone Control-Fresh Air TL-MBD14 14" Modulating Bypass Pick four supply dampers from the information below to equal 2000 CFM

Bypass damper rule of thumb:

2.5 - 3 Ton use a 10" damper
 3.5 - 4 Ton use a 12" damper
 5 Ton use a 14" damper

Choose Power Open / Power Close or Power Open / Spring Close Supply Dampers:

6" Damper = 100 CFM 12" Damper = 500 CFM 18" Damper = 1500 CFM
 8" Damper = 200 CFM 14" Damper = 700 CFM 20" Damper = 1900 CFM
 10" Damper = 300 CFM 16" Damper = 1000 CFM

CFM = Cubic feet per minute which Measures the volume of air through the ventilation system works with any 5 - wire thermostat

F* = Fresh air capability