

TORO®**Count on it.**

TMC-424 Series

Commercial Modular Controller

C O N T R O L L E R S

The TMC-424 offers sophisticated features, ease of use and advanced modular technology to provide industry-leading flexibility, performance, and convenience.

4, 8, 12, 16, 20 or 24 Stations - Electric

Key Features

- Modular station count (in 4- or 8- station modules)
- Modular indoor/outdoor power supply and high surge and/or flow monitoring options—mix and match according to your needs.
- Program stacking with the ability to operate up to 3 programs simultaneously
- Large control dial and LCD display with visual confirmation of stations/programs
- Multi-language capability
- Remote Ready and RainSensor compatible

Additional Features

- Hot-swappable station modules indicate module location and station count in real time
- 4 independent programs
- 16 start times (assignable by program) provide exceptional scheduling flexibility
- Station and total run times in seconds or minutes, and accumulated run time is displayed by program
- Three scheduling choices by program:
 - 7-day calendar
 - 1- to 31 day interval
 - Odd/even days with day exclusion, skip a specific day
- Manual watering by station, program or a test program
- Flow monitoring
 - Flows are automatically learned
 - Up to 3 flow modules, each with its own master value output
 - Each station can have its own underflow, overflow and critical overflow alarms
- Well recovery from 5 to 55 seconds in five-second increments and one to 30 minutes
- Pump start/master valve set by program and station
- Pump start/master valve output in both stand alone mode or with flow monitoring modules
- Rain delay from 1- to 14 days
- Water budgeting from 0-200% in 10% increments
- 12/24 hour real-time clock for programming accuracy
- Key-lockable, weatherproof cabinet
- Multi-language capability (English, Spanish, French, Italian, German)



TMC-424
Modular Controller



TWRS (wireless)
RainSensor™
compatible

TRS (wired)
RainSensor™
compatible

TMC-424 Modular Controller



**TSM-4
Module**

Normal Surge



**TSM-4H
Module**

High Surge



**TSM-4F
Module**

*Flow
Monitoring*



**TSM-8
Module**

Normal Surge



**TSM-8H
Module**

High Surge



**TSM-8F
Module**

*Flow
Monitoring*

Additional Service Features

- Clear memory feature erases programming, by program
- Non-volatile memory requires no batteries and retains programming for up to five years, reducing call-backs
- Review feature quickly recaps all program information on the face of the controller
- Short detection for faster troubleshooting
- Test mode for quick system checks
- Compatible with the Toro EZ Remote and normally closed rain sensors

Electrical Specifications

- Input Power
 - 230 or 240 V.a.c., 50/60 Hz
 - 30 VA (external and internal plug-in type transformer)
 - UL/cUL, CSA Certified (or equivalent), TUV, SAA, CE, C-Tick, IPX0 (indoor), IPX3 (outdoor), FCC Class B
- Station Output Power:
 - 24 VAC (50/60 Hz)
 - 0.50 amps per station maximum
 - 0.50 amps pump/master valve
 - 1.20 amps total load
- Special high-surge station modules are offered to meet surge protection requirements

Mechanical Specifications

- Dimensions (Indoor/Outdoor Models):
(273 x 260 x 117mm)
10³/₄" x 10¹/₄" x 4⁵/₈"
(W x H x D)
- Shipping weight (Indoor/Outdoor Model including transformer):
(2,43 kg) 5.35 lbs.

Specifying Information

Specifying TMC-424 Controllers

<i>Model</i>	<i>Description</i>
TMC-424-ID	Toro Modular Controller, 4- to 24-station compatible, Indoor Model, 120 V a.c.
TMC-424-ID-50H	Toro Modular Controller, 4- to 24-station compatible, Indoor Model, 220 V a.c.
TMC-424-ID-LT	Toro Modular Controller, 4- to 24-station compatible, Indoor Model, less transformer
TMC-424-OD	Toro Modular Controller, 4- to 24-station compatible, Outdoor Model, 120 V a.c.
TMC-424-OD-50H	Toro Modular Controller, 4- to 24-station compatible, Outdoor Model, 220/240 V a.c.

Specifying Modular Options

	<i>Standard</i>	<i>High surge</i>	<i>High surge and Flow Monitoring</i>
<i>4-station</i>	TSM-4	TSM-4H	TSM-4F
<i>8-station</i>	TSM-8	TSM-8H	TSM-8F

Dealer Stamp



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