TYY
Yun Yang Fire Safety Equipment

YUN YANG

Fire Safety Equipment

THE CONVENTIONAL FIRE ALARM SERIES



ISO 9001
Quality Certified

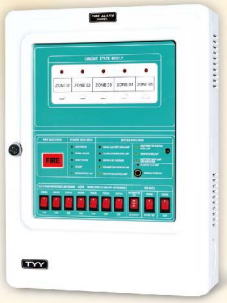
By Royal Charter

YF-1

Conventional Fire Alarm Control Panel



YF-1/5L-A / Push-button housed in a flame retardant ABS enclosure



YF-1/5L-A / Rocker Switch housed in a flame retardant ABS enclosure



YF-1 / 15L / Push-button



YF-1 / 20L / Rocker Switch

Specifications

Item	Specification
Model number	YF-1
Power supply (AC)	AC 110V 50/60Hz, AC220V 50/60Hz
Backup power supply	DC 24V
Charging voltage and current	Under DC26V 450mA , fixed voltage trickle charging
Circuit external impedance	Circuit impedance 50Ω or less, impedance to ground 2MΩ or more
Detector installation	No limitation for the number of Conventional Rate of Rise Heat Detectors / Fixed Temperature Heat Detectors. A maximum of 30 smoke detectors (DC24V 40μA) can be connected to a loop
E.O.L impedance	10KΩ
Number of Indicating lamp	1.2 times of the panel loop (LED indicator light)
Number of fire alarm bell	1.2 times of the panel loop
Cabinet material	Steel plate with powder coating
Main sounder	Monotone buzzer (over 85dB at 1 meter away)
Alarm relay contact	Non-voltage NO contact capacity AC250V 7A × 2 sets
Panel color	Red / Green / Black
Switch mode	Push-button / Rocker Switch

Dimensions

Box Types	Wall-mount							
Number of loops	5~10L	15L	20L	25~30L	35~40L	45~50L	55~60L	65~70L
H(mm)	400	495	580	520	580	700	760	840
W(mm)	300	300	300	480	480	480	480	480
D(mm)	120	120	120	180	180	180	180	200

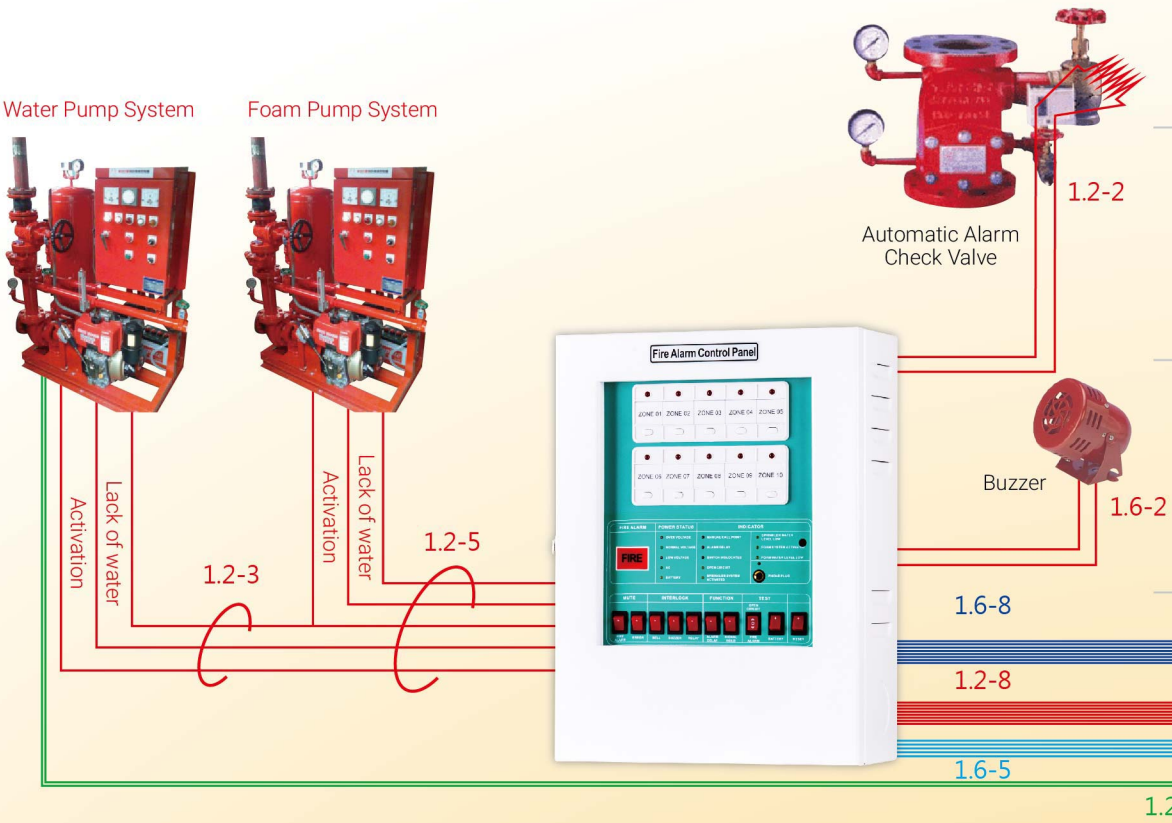
Box Types	Wall-mount					Cabinet		
Number of loops	75~80L	85L~90	95L~100	105~110L	115~120L	125~130L	135~150L	155~170L
H(mm)	930	1020	1110	1195	1350	1600	1800	2000
W(mm)	480	580	580	580	580	580	580	580
D(mm)	200	200	200	200	200	260/360	260/360	260/360



YF-L1 Conventional Fire Alarm Annunciator

Number of loops	5~15L	20L	25L	30L	35~40L	45~50L
H(mm)	330	400	495	580	450	520
W(mm)	285	300	300	300	480	480
D(mm)	70	70	70	70	90	90
Number of loops	55~60L	65~70L	75L~80L	85L~90L	95~110L	115~130L
H(mm)	700	760	840	930	1020	1110
W(mm)	480	480	480	480	580	580
D(mm)	180	180	200	200	200	200

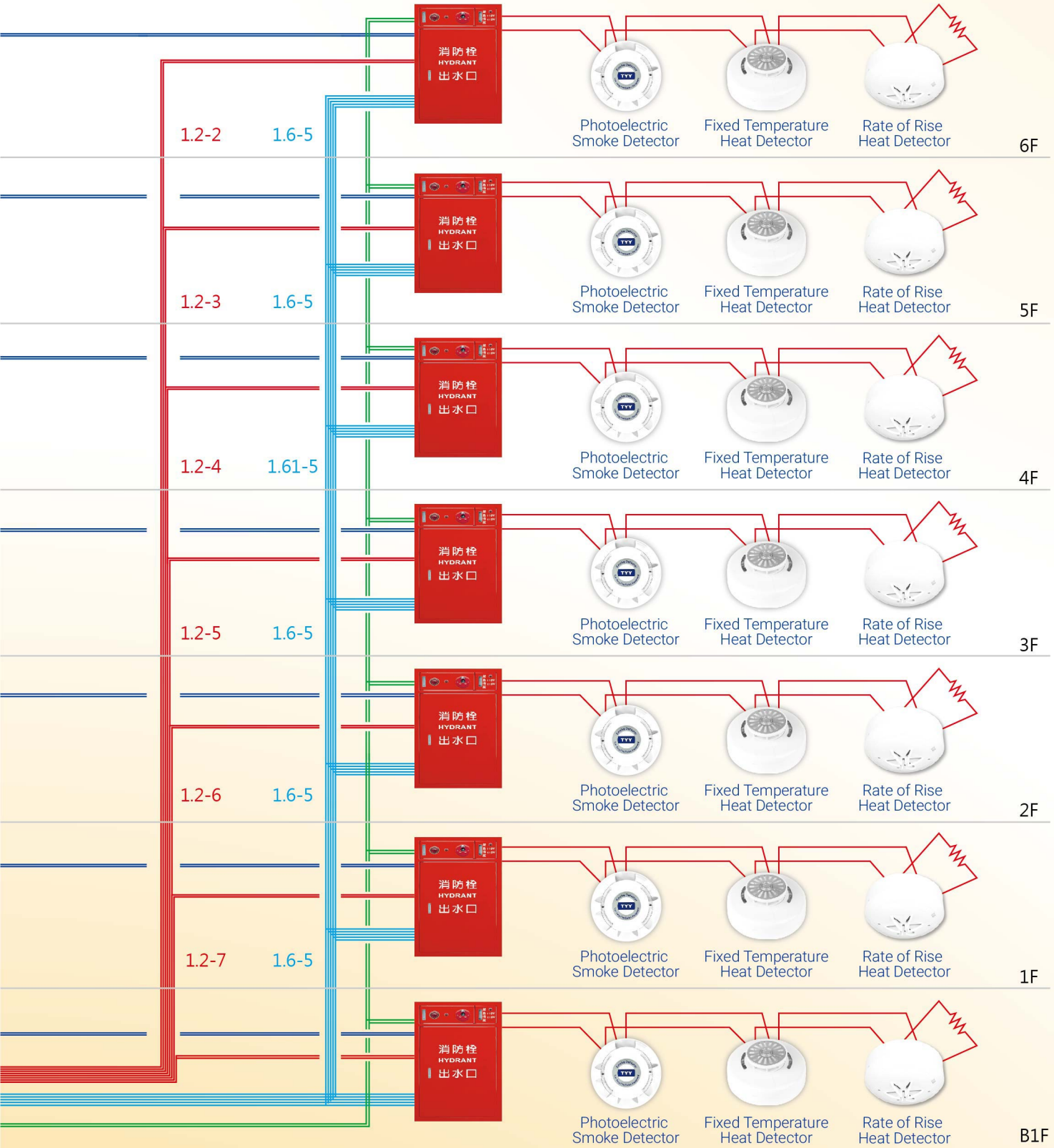
Diagram of YF-1 Conventional Fire Alarm Control Panel



Wiring Specifications

Main wires are equipped with individual zones and alarms / if the place using all zone alarms must use 2 cable of 1.6mm

- Alarm region controllable :
  An extra common line must be added when the number of loops over 7 floors. * Wiring requirements : Φ1.6mm
- Individual zones :
  An extra common line must be added when the number of loops exceed 7 * Wiring requirements : Φ1.2mm
- 5 main lines for the fire alarm control panel :
  * Power supply for the indicator lamp : Φ1.6mm x 2C * Manual call point A : Φ1.2～1.6mm x 1C
  * Power supply for telephone : Φ1.2~1.6mm x 2C
- Pump activation lamp : Load power for pump activation lamp : Φ1.2~2.0mm x 2C
- Information notification module internet cable:Internet TCP/IP linkage : Internet cable (CAT-5 / CAT-6)
- Information notification module relay wire : Fire alarm relay wire Φ1.2mm-N+1C (depends on loop requirements)



YDS-S01/YDS-S01E(EN)





YDS-S02

YDS-S01 / YDS-S01E / YDS-S02

Photoelectric Smoke Detector

Item	Specifications		
Model	YDS-S01	YDS-S01E	YDS-S02
Activating concentration	15%. Activation within 30 seconds	3.5%. Activation within 30 seconds	15%. Activation within 30 seconds
Dimensions	Φ100.95×45.84(H)mm		Φ102×53(H)mm
Rated voltage	DC24V		
Rated current	25mA		
Current monitor	Less than 35μA		
Relative humidity	0 ~ 95%		
Ambient temperature	0°C~ +50°C		



YDT-S01 Mechanical Fixed Temperature Detector

Item	Specifications
Activating temperature	Rated temperature × 125% Activation within 120 seconds
Rated temperature	70°C
Rate voltage/current	DC24V 25mA
Polarization	Non-polarized
Relative humidity	0 ~ 95%
Ambient temperature	0°C~+50°C
Dimensions	Φ100.92×41.3(H)mm

YF-3

Conventional Fire Alarm Control Panel



YF-3 / 2L



YF-3 / 4L



YF-3 / 5L



YF-3 / 8L



YF-3 / 8L-A
Housed in a flame retardant ABS enclosure

Specifications

Item	Specifications
Model	YF-3
Category	Conventional Fire Alarm Control Panel
Type	Wall-mount
Power Source	240V AC 50/60 HZ ±10%
Standby Battery	24V DC
Charging Voltage	Below 26V DC 450mA, trickle charging
Circuit Voltage	24V DC operation voltage under 10~11V DC 32mA
Rated Impedance	Below 50Ω
Detector Connection	No limitation for Conventional Rate of Rise or Fixed Temperature Heat Detectors;Up to 30 Photoelectric Smoke Detectors can be connected per zone (monitor current for detectors:24V DC 40μA)
E.O.L. Resistor	10KΩ
No. of Indicators	The same as the number of zones (LED indicator lamp)
No. of Bells	The same as the number of zones
Color	Red
Buttons	Push-button
Cabinet Material	Powder coating steel (up to 24L only) | Flame retardant ABS enclosure (up to 32L only)
Main Audio	Mono tone sounder (above 85 dB for 1m distance)
Alarm Relay Contact	No-voltage NO contact; capacity 250V AC/7A

Dimensions

Item	Dimensions (Steel)								
Number of Loops	1L	2L	4L	5L	8L	12L	16L	20L	24L
H(mm)	330					400		495	
W(mm)	280					300		300	
D(mm)	120					120		120	

Item	Dimensions (ABS)										
Number of Loops	1L	2L	4L	5L	8L	12L	16L	20L	24L	28L	32L
H(mm)	260					400			370		
W(mm)	330					300			480		
D(mm)	96					126			90		



YDD-S02A

Electrical Rate of Rise Heat Detector

Item	Specifications
Rated voltage	DC24V
Rated current	25mA
Current monitor	35μA
Relative humidity	0~95%
Ambient temperature	0°C ~+50°C
Dimensions	Φ102.6x49.5(H)mm
Weight	103g



YDA-S02A

Electrical Combination Rate of Rise Heat and Fixed Temperature Detector

Item	Specifications
Type	Two type
Activating concentration	R.O.R:Room Temp: +30°C within 30 seconds Fixed Temp:Rated Temperature 57°C
Rated voltage/current	DC24V/25mA
Current monitor	Under 35μA
Polarization	Non-polarized
Relative humidity	0~95%
Ambient temperature	0°C ~+50°C
Dimensions	Φ102x49.5(H)mm

Conventional Equipments



YFB-4



YFB-6

YFB-4 / YFB-6 Fire Alarm Bell

Item	Specifications	
Model	YFB-4	YFB-6
Operating current	24V DC 30mA	
Sound output	90 dB/M and above	
Power source	Motor	
Material	1.8mm Alloy Alu	3.0mm Alloy Alu
Color	Red	
Weight	376g	515g
Dimensions	Φ95 x 350(H)mm	Φ102 x 150(H)mm



YM-P01 Manual Call Point

Item	Specifications
Contact capacity	24V DC / 30mA
Material	Flame retardant plastic
Color	Red
Dimensions	Φ139.6 x 61.55 (D) mm



YL-01 Indicating Lamp

Item	Specifications
Type of light source	LED
Rated voltage/Current	24V DC / 11mA
Weight	58g
Dimensions	Φ91.8 x 59.5 (H) mm





YDL-S01 Remote Indicating Lamp

Item	Specifications
Usage	Detector activated indication
Current voltage	DC 24V(non-polarized wiring)
Action display	LED red light
Ambient humidity	0~95%
Weight	40g
Dimensions	70(H) x 120(W) x 15(D)mm



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