

HCVR-3 CONVENTIONAL RELEASING FACP

STANDARD FEATURES



DESCRIPTION

The HCVR-3 is a 3 zone conventional releasing fire alarm control panel and it is UL and FM approved for releasing.

The HCVR-3 can be configured to activate releasing by a single zone or combination of any two zones. The LCD display is used to show the countdown timer during an activation of the releasing sequence.

The HCVR-3 is fully programmable using simple menu options. The Panel is a single board construction, which provides easy replacement solution. Compatible with a wide range of detection devices.

- UL 864 and FM approved
- Three Zone Detection
- Any single zone or any combination of zones can be configured to release
- Fully programmable using simple menu options
- Simple, single board construction
- Installer friendly
- Compatible with wide range of detection devices
- Configurable first stage NAC delays
- Configurable detection delays
- Built-in Manual Release Switch and separate circuit
- Built-in Abort Circuit
- Compatible with FireNET Xtinguish
- Compatible with various Releasing Valves
- Configurable releasing delays up to 60 seconds in 5 second intervals
- Configurable releasing duration up to 5 minutes in 5 second intervals
- Releasing Countdown timer displayed on the LCD
- Supports up to seven HCVR-SDU or HCVR-AB
- Built-in Relays for Fire, Trouble, Stage 1, Stage 2, Extract and Local Fire



Specifications subject to change without notice.

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SPECIFICATIONS	
Supply Voltage	115VAC (50hz/60hz) or 230VAC (50hz/60hz)
Power Supply DC Rating	24VDC 3 Amps total including battery charging
Mains Supply Fuse	1.6 Amps 250VAC, slow-blow, 5 x 20mm
Dimensions	15.2" (385mm)W x 12.2" (310mm)H x 3.5" (90mm)D
Weight	12.3 lbs.
Color	Red or Charcoal
Material	1.2mm mild steel
Max. Battery Size	7Ah 12V (2 per panel)
RS-485 Serial Bus	Maximum line impedance 120 Ohms
Trouble Contact Rating	30VDC 1 Amp
Local Fire Contact Rating	30VDC 1 Amp
Fire Contact Rating	30VDC 1 Amp
1st Stage Contact Rating	30VDC 1 Amp
2nd Stage Contact Rating	30VDC 1 Amp
EXTING Contact Rating	30 VDC 1 Amp contacts for (NO) and (C)
EXTING Contact Rating	18 to 28VDC 1 Amp max load for 5 minutes and voltage reversing DC
NAC Output Rating	0.5 Amp per output
Detection Zone	6K8 Ohms 5% Resistor
End of line resistor	
NAC Output	10K Ohms 5% Resistor
Stand by Current	86 mA
Alarm Current	620 mA
Operating Humidity	93% (non condensing)
Operating Temperature	-5°C to +40°C

HOCHIKI AMERICA COMPATIBLE DEVICES		
MODEL	DESCRIPTION	MAX
PANEL ACCESSORIES		
HCVR-SDU	Remote Status Display Unit	7
HCVR-AB	Ancillary Board	7
HCVR-SQA	Sequential Activator	20
DETECTORS		
SLR-24H	Photoelectric smoke detector	20
SLR-835	Photoelectric 8-35V smoke detector with Heat	20
SLR-835/-835W	Photoelectric 8-35V smoke detector	20
SLR-835-BH-2W	Photoelectric 8-35V smoke detector with Heat	20
SLV-24V/-24/-24N	Photoelectric smoke detector	20
SIJ-24	Ionization smoke detector	20
DCD-135	135° Fixed temperature rate of rise heat detector	20
DCD-190	190° Fixed temperature rate of rise heat detector	20
BASES		
NS6-220	6" base, 43mA draw, 24V	20
NS4-220	4" base, 43mA draw, 24V	20
PULL STATION/ABORT SWITCH		
HPS-SAK/HPS-DAH HPS-SAH/HPS-DAK	Conventional Manual Pull Station	1
HCVR-AS	Abort Switch	1
RELEASING VALVES		
HV2185328	ASCO Solenoid	1
8210G207	ASCO Solenoid	1
11601	Viking Solenoid	1
11602	Viking Solenoid	1
11592	Viking Solenoid	1
11591	Viking Solenoid	1
11596	Viking Solenoid	1
11595	Viking Solenoid	1
2823A-2NB-A4F6	Snap-tite Solenoid	1
EA45 (510006)	Sevo Systems Solenoid	1
K-45-8017	Kidde Solenoid (equivalent to 486500-01)	1
B6793-859	Kidde Solenoid (equivalent to 81-100000-001)	1
753-E Series	Victaulic Solenoid	1
305350 Ci IS8B	Fire Eater Solenoid	1
305451 Ci IS8B	Fire Eater Solenoid	1