OPTICAL SMOKE DETECTOR
OPTICAL SMOKE CUM HEAT DETECTOR

All of Agni AD333 series detectors meet the requirements of UL 268 and EN 54-7/5 for use in Fire Alarm signaling systems. They are intended for use in 2 wire/4 wire Class A or B supervised zone circuits. The AD 333 Series detectors are subject to panel compatibility limits and compliance with corresponding NFPA 72E standards, local codes, and ordinances.

AD-333 series include 2 wire and 4 wire detectors, which provide fast and reliable response to photoelectric smoke and heat (135°F) detection. While the smoke and heat detection circuits operate independently, their outputs being "OR" connected. The detector provide the fire detection performance by acting as a smoke sensor and / or a 135°F heat detector at the same location.

GENERAL SPECIFICATION

Model	2/4 Wire	Heat Sensor Setting	Voltage DC	Standby Current (Max.)	Alarm Current (Max.)	Surge Current (Max.)	Start-Up Time (Max.)	Permissible Current (Max.)	Fequency	Base Model
AD 333 - 2L	2	-	10.8~33V	40μ A	22/55 mA	60 μA	30 Seconds	80 mA	3-5 Seconds	P/N854001
AD 333 - 2HL	2	135±5°F	10.8~33V	40μ A	22/55 mA	60 μA	30 Seconds	80 mA	3-5 Seconds	P/N854001

SENSOR SPECIFICATION :

MODEL	SMOKE SENISTIVITY	RESET VOLTAGE	RESET TIME	ALARM INDICATOR	REMOTE OUTPUT	TEMPERATURE RANGE	HUMIDITY	DIMENSION	WEIGHT
AD-333-2L	2.26+/-1.21%FT Obscuration (UL Standard)	Less than 1 Volt	Less than 1 Sec.	LED continuously emitting red light	35mA Max. diodegate	-10° C to 50°C	0 to 95% RH, No condensation or icing	100 mm (dia) x 46 (ht) with base	130g/set with base
AD-333-2HL	2.26+/-1.21%FT Obscuration (UL Standard)	Less than 1 Volt	Less than 1 Sec.	LED continuously emitting red light	35mA Max. diodegate	-10° C to 50°C	0 to 95% RH, No condensation or icing	100 mm (dia) x 46 (ht) with base	130g/set with base

HEAT DETECTOR
RATE OF RISE CUM FIX TEMPERATURE

Agni AD-912 series detectors meet the requirements of UL 268 and EN 54-7/5 for use in Fire Alarm signaling systems. They are intended for use in 2 wire/4 wire Class A or B supervised zone circuits. The AD -912 Series detectors are subject to panel compatibility limits and compliance with corresponding NFPA 72E standards, local codes, and ordinances. The conventional AD-912 series of Heat detectors were designed with precise CPU control and thermistor detection. Its state of the art combination of "Rate of Rise" and "Fixed Temperature" ensures the best quality of heat detection in all environments.

GENERAL SPECIFICATION

Model	2/4 Wire	Heat Sensor Setting	Voltage DC	Standby Current (Max.)	Alarm Current (Max.)	Surge Current (Max.)	Start-Up Time (Max.)	Permissible Current (Max.)	Fequency	Base Model
AD 912 - 2L	2	135±5°F	10~33V	45μ A	50 mA	100 μA	30 Seconds	80 mA	3-5 Seconds	P/N854001

SENSOR SPECIFICATION :

HEAT SENISTIVITY	RESET VOLTAGE	RESET TIME	ALARM INDICATOR	REMOTE OUTPUT	TEMPERATURE RANGE	HUMIDITY	DIMENSION	WEIGHT
135° F/ ROR	Less than 1 Volt	Less than 1 Sec.	LED continuously emitting red light	35mA Max. diodegate	-10° C to 50°C	0 to 95% RH, No condensation or icing	100 mm (dia) x 46 (ht) with base	130g/set with base