

# Mid-Range Bar Type Ionizer

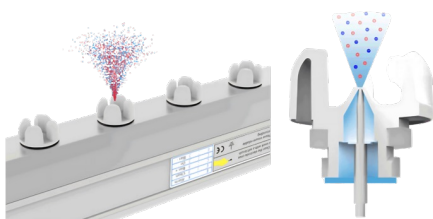
## [NB-E Series]

- Selection of 25 / 50 mm air jet spacing
- Up to 1,000 mm operating distance
- Powered by Ethernet (PoE)



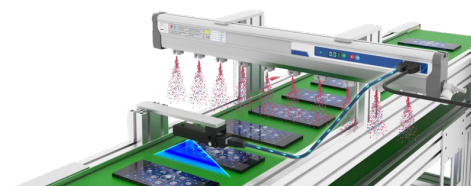
### 360° static elimination

Features a circular discharge structure for full 360° ion coverage, combined with an internal air chamber that buffers airflow — ensuring a smooth, stable, and efficient static elimination process.



### Smart control with S.I.S. system

With S.I.S. technology, it ensures ion balance fluctuation stays within  $\pm 30$  V — ideal for precision-sensitive environments like cleanrooms and electronics assembly.



Overview

Code Reader

Handheld Reader

Vision Sensor

Vision System

Fiber optic Sensor

Photoelectric Sensor

RGB Colour Sensor

Proximity Sensor

Ultrasonic Sensor

Safety Curtain

Ionizer

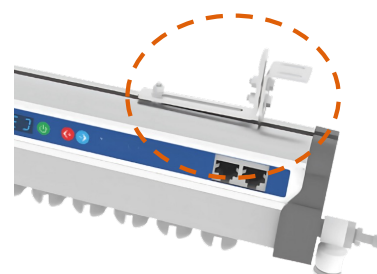
### Available in 25 / 50 mm air jet spacing

Choose between two models with fixed air jet spacing — 25 mm for precision targeting or 50 mm for broader coverage, tailored to suit different static elimination needs.



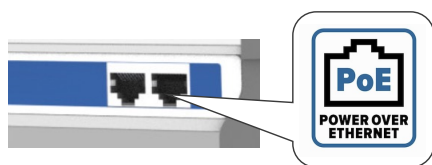
### Easy installation with T-slot design

Designed with an integrated aluminium alloy T-slot on the back, allowing flexible and secure mounting in a wide range of installation environments.



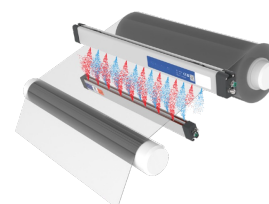
### Powered via Ethernet (PoE)

Utilizes Power over Ethernet (PoE) to deliver both power and communication through a single cable. By reducing cable clutter, it enables a more efficient setup.



### Rapid recovery with memory function

Built-in memory chip restores previous operating settings upon restart, allowing the ionizer to resume static elimination almost instantly without the need for manual reconfiguration.



NB-E Series Variant

NB-EH

25 mm air jet spacing

Model	Total length	Effective length	Number of electrodes
NB-EH13W	400	300	13
NB-EH15W	450	350	15
NB-EH17W	500	400	17
NB-EH19W	550	450	19
NB-EH21W	600	500	21
NB-EH23W	650	550	23
NB-EH25W	700	600	25
NB-EH27W	750	650	27
NB-EH29W	800	700	29
NB-EH31W	850	750	31
NB-EH33W	900	800	33
NB-EH35W	950	850	35
NB-EH37W	1000	900	37
NB-EH39W	1050	950	39
NB-EH41W	1100	1000	41
NB-EH43W	1150	1050	43
NB-EH45W	1200	1100	45
NB-EH47W	1250	1150	47
NB-EH49W	1300	1200	49
NB-EH51W	1350	1250	51
NB-EH53W	1400	1300	53
NB-EH55W	1450	1350	55
NB-EH57W	1500	1400	57
NB-EH59W	1550	1450	59
NB-EH61W	1600	1500	61
NB-EH63W	1650	1550	63
NB-EH65W	1700	1600	65
NB-EH67W	1750	1650	67
NB-EH69W	1800	1700	69
NB-EH71W	1850	1750	71
NB-EH73W	1900	1800	73
NB-EH75W	1950	1850	75
NB-EH77W	2000	1900	77
NB-EH79W	2050	1950	79
NB-EH81W	2100	2000	81
NB-EH83W	2150	2050	83
NB-EH85W	2200	2100	85
NB-EH87W	2250	2150	87
NB-EH89W	2300	2200	89
NB-EH91W	2350	2250	91
NB-EH93W	2400	2300	93
NB-EH95W	2450	2350	95
NB-EH97W	2500	2400	97

50 mm air jet spacing

Model	Total length	Effective length	Number of electrodes
NB-EH7	400	300	7
NB-EH8	450	350	8
NB-EH9	500	400	9
NB-EH10	550	450	10
NB-EH11	600	500	11
NB-EH12	650	550	12
NB-EH13	700	600	13
NB-EH14	750	650	14
NB-EH15	800	700	15
NB-EH16	850	750	16
NB-EH17	900	800	17
NB-EH18	950	850	18
NB-EH19	1000	900	19
NB-EH20	1050	950	20
NB-EH21	1100	1000	21
NB-EH22	1150	1050	22
NB-EH23	1200	1100	23
NB-EH24	1250	1150	24
NB-EH25	1300	1200	25
NB-EH26	1350	1250	26
NB-EH27	1400	1300	27

Ionizer

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Model	Total length	Effective length	Number of electrodes
NB-EH28	1450	1350	28
NB-EH29	1500	1400	29
NB-EH30	1550	1450	30
NB-EH31	1600	1500	31
NB-EH32	1650	1550	32
NB-EH33	1700	1600	33
NB-EH34	1750	1650	34
NB-EH35	1800	1700	35
NB-EH36	1850	1750	36
NB-EH37	1900	1800	37
NB-EH38	1950	1850	38
NB-EH39	2000	1900	39
NB-EH40	2050	1950	40
NB-EH41	2100	2000	41
NB-EH42	2150	2050	42
NB-EH43	2200	2100	43
NB-EH44	2250	2150	44
NB-EH45	2300	2200	45
NB-EH46	2350	2250	46
NB-EH47	2400	2300	47
NB-EH48	2450	2350	48
NB-EH49	2500	2400	49

**NB-ET**

25 mm air jet spacing

Model	Total length	Effective length	Number of electrodes
NB-ET9W	300	200	9
NB-ET11W	350	250	11
NB-ET13W	400	300	13
NB-ET15W	450	350	15
NB-ET17W	500	400	17
NB-ET19W	550	450	19
NB-ET21W	600	500	21
NB-ET23W	650	550	23
NB-ET25W	700	600	25
NB-ET27W	750	650	27
NB-ET29W	800	700	29
NB-ET31W	850	750	31
NB-ET33W	900	800	33
NB-ET35W	950	850	35
NB-ET37W	1000	900	37
NB-ET39W	1050	950	39
NB-ET41W	1100	1000	41
NB-ET43W	1150	1050	43
NB-ET45W	1200	1100	45
NB-ET47W	1250	1150	47
NB-ET49W	1300	1200	49
NB-ET51W	1350	1250	51
NB-ET53W	1400	1300	53
NB-ET55W	1450	1350	55
NB-ET57W	1500	1400	57
NB-ET59W	1550	1450	59
NB-ET61W	1600	1500	61
NB-ET63W	1650	1550	63
NB-ET65W	1700	1600	65
NB-ET67W	1750	1650	67
NB-ET69W	1800	1700	69
NB-ET71W	1850	1750	71
NB-ET73W	1900	1800	73
NB-ET75W	1950	1850	75
NB-ET77W	2000	1900	77
NB-ET79W	2050	1950	79
NB-ET81W	2100	2000	81
NB-ET83W	2150	2050	83
NB-ET85W	2200	2100	85
NB-ET87W	2250	2150	87
NB-ET89W	2300	2200	89
NB-ET91W	2350	2250	91
NB-ET93W	2400	2300	93
NB-ET95W	2450	2350	95
NB-ET97W	2500	2400	97

50 mm air jet spacing

Model	Total length	Effective length	Number of electrodes
NB-ET5	300	200	5
NB-ET6	350	250	6
NB-ET7	400	300	7
NB-ET8	450	350	8
NB-ET9	500	400	9
NB-ET10	550	450	10
NB-ET11	600	500	11
NB-ET12	650	550	12
NB-ET13	700	600	13
NB-ET14	750	650	14
NB-ET15	800	700	15
NB-ET16	850	750	16
NB-ET17	900	800	17
NB-ET18	950	850	18
NB-ET19	1000	900	19
NB-ET20	1050	950	20
NB-ET21	1100	1000	21
NB-ET22	1150	1050	22
NB-ET23	1200	1100	23
NB-ET24	1250	1150	24
NB-ET25	1300	1200	25
NB-ET26	1350	1250	26
NB-ET27	1400	1300	27
NB-ET28	1450	1350	28
NB-ET29	1500	1400	29
NB-ET30	1550	1450	30
NB-ET31	1600	1500	31
NB-ET32	1650	1550	32
NB-ET33	1700	1600	33
NB-ET34	1750	1650	34
NB-ET35	1800	1700	35
NB-ET36	1850	1750	36
NB-ET37	1900	1800	37
NB-ET38	1950	1850	38
NB-ET39	2000	1900	39
NB-ET40	2050	1950	40
NB-ET41	2100	2000	41
NB-ET42	2150	2050	42
NB-ET43	2200	2100	43
NB-ET44	2250	2150	44
NB-ET45	2300	2200	45
NB-ET46	2350	2250	46
NB-ET47	2400	2300	47
NB-ET48	2450	2350	48
NB-ET49	2500	2400	49

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**Accessories Lineup**

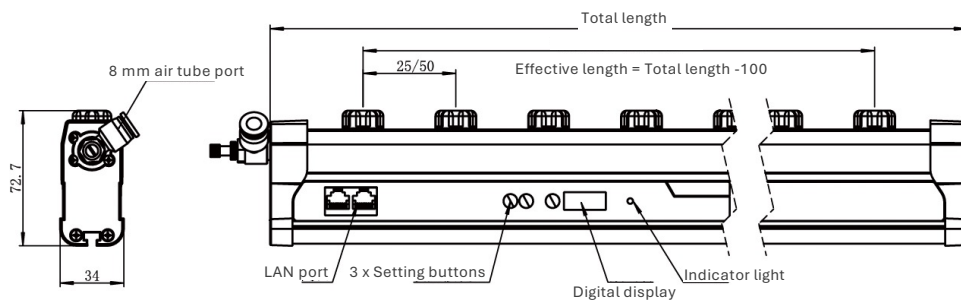
<b>Main unit</b>	<b>Cable</b>	<b>Electrode probe</b>	<b>Bracket</b>
			
Ionizer <b>NB-EH / NB-ET</b>	Control Cable <b>HDB15P-M-ETH-3M</b>	Electrode Probe <b>FG-170</b>	L Shape Installation Bracket <b>FG-NBE1</b>

**Specifications**

Model	NB-EHXW	NB-EH	NB-ETXW	NB-ET
Supports PoE	Yes		No	
Voltage application method / applied voltage	Pulse AC method			
Ion balance control method	S.I.S control method			
Ion balance	± 50 V	± 30 V	± 50 V	± 30 V
Static elimination time	Less than 1 s			
Operating distance	50 to 1,000 mm			
Air jet spacing	25 mm	50 mm	25 mm	50 mm
Air tube size	Ø 8 mm			
Available length	400 to 2,500 mm		300 to 2,500 mm	
Frequency setting	10 / 20 / 50 / 60 / 100 HZ			
Communication protocol	RS-485			
Air supply pressure	0.1 to 0.5 MPa			
Rating	Power Voltage	20 to 36 VDC ± 10%		
	Current	1,000 mA		
	Consumption	1,000 mA		
Ambient operating temperature	0 to +50°C degree			
Ambient operating humidity	0 to 70% RH (Non condensation)			

**Dimensions** unit: mm

**NB-EH**



**NB-ET**

