

## BIPOLAR IONISATION IN ANY DUCT



### KEY FACTS

The NP series of needle point type ionizers produce an equal amount of positive and negative ions. The units can be installed in metal duct utilizing pre-drilled flanges and factory applied gaskets. The contractor makes a duct cut out and secures the unit with self tapping sheet metal screws. The ionization output protrudes 1.5 inches into the duct to clear any duct liner.

The units can also be installed inside an HVAC unit utilizing a contractor supplied mounting bracket. The ionization needles are recessed to avoid electric shock, dust buildup and premature failure. The ionization unit can directly accept power from either 24V AC fan control circuit or a 12V DC pin from a power supply.

SPECIFICATIONS	7100	7200	7300	7400
AIRFLOW CAPACITY (CFM)	Up to 140	1401 to 2800	2801 to 4200	4200 to 6000
PRESSURE DROP	Less than 0.01 in. WG			
HOUSING MATERIAL	18 Gauge steel powder coated			
WEIGHT	2 pound			
MAXIMUM OPERATING TEMP.	93°C / 200°F			
VOLTAGE	24V AC input (fan control terminals)	120V AC to 12V DC wall pack	120V/240V AC to 12V DC power supply	241V/277V AC to 12V DC power supply
POWER CONSUMPTION	Less than 2VA per set of outputs			
CURRENT DRAW	30 mA at 12V DC			
FREQUENCY	50/60 hertz			
INTERNAL FUSE	Auto reset 1 amp			
BAS MONITORING	Dry contact terminals			

### IONIZATION OUTPUT

MODE OF OPERATION	Needle point type			
NEEDLE CONFIGURATION	Recessed			
CERTIFICATION	UL listed component			
NO. OF IONIZATION MODULES	1	2	3	4

