



# INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS FOR INDEECO VERTICAL UNIT HEATER "UVI SERIES"

## LOCATION OF HEATERS AND REMOTE THERMOSTATS

1. Only use the four brackets supplied to hang the heater.
2. Connect thermostat to T1, T2 connectors. (See wiring diagram inside control box cover).
3. Connect sources to L1, L2 and if necessary L3 connectors. (See wiring diagram).
4. The fan only switch must be connected on T1, T3 terminal. (See wiring diagram).
5. Air inlet and outlet must be free from interference such as columns, machinery and partitions.
6. Locate thermostats on interior partitions, walls or posts (insulate from cold steel posts). Install thermostats away from cold drafts, internal heat sources and from heater discharge.

### WARNING

- **Disconnect all power supplies before working on circuit.**
- **Minimum clearance from walls and ceiling is 24 inches (610mm).**
- **Do not use to heat air containing combustible material.**
- **Mount heaters out of reach.**
- **Install at least 8 feet (2.5 m) from the floor.**

## POWER SUPPLY CONNECTIONS

The power supply may be single or three phase as shown on the nameplate. Wiring diagrams are on the inside of the control box cover. Wire heater in accordance with local and national codes.

### TEST

To test unit heater temporarily set thermostat at maximum temperature.

## OVERHEATING PROTECTION

The motor and the heating elements are protected against overheating by automatic thermal high-limits.

Cycling of either high-limits is an indication of abnormal operation and should be corrected at once.

## FAN DELAY

This unit is equipped with a timed fan delay which keeps the fan stopped at the beginning to let the heating element warm-up. The same fan delay keeps the fan going when the heater is stopped to dispel residual heat.

## RECOMMENDED MOUNTING HEIGHT

POWER (kW)		5-10		15-30	
		FEET	METERS	FEET	METERS
WITHOUT CONE	H	12	3.7	18	5.5
	S	19	5.8	28	8.6
SINGLE CONE	H	8	2.5	12	3.7
	S	22	6.9	33	10.0
TRIPLE CONE	H	10	3.1	14	4.3
	S	31	9.5	43	13.2
JET CONE	H	16	4.9	22	6.7
	S	22	6.7	28	8.5

