

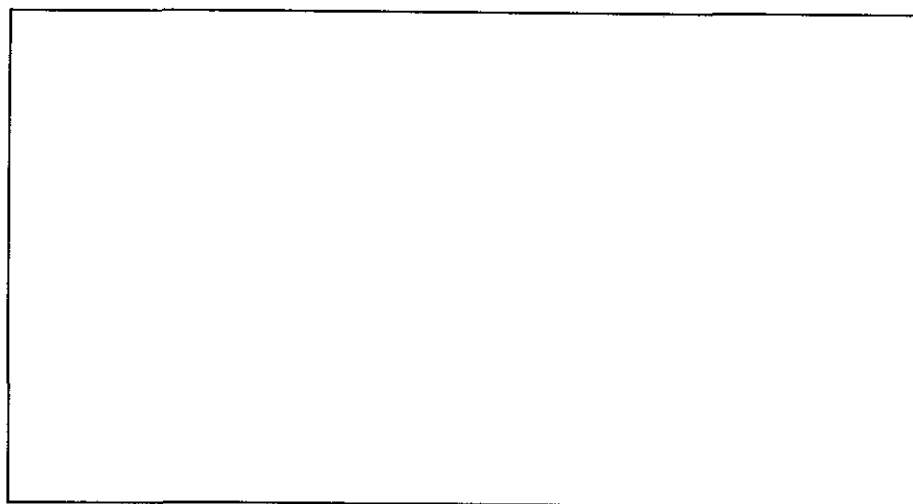


33CS-8SB



33CS UCE-06
COMFORT SYSTEM
UNITARY CONTROLLER FOR EQUIPMENT
WITH ECONOMIZER

- PERFORMANCE DATA
- PHYSICAL DIMENSION PRINT



DATE:	SUPERSEDES:	33CS UCE-06 COMFORT SYSTEM UNITARY CONTROLLER FOR EQUIPMENT WITH ECONOMIZER	33CS	REV:
JOB NAME		LOCATION		
BUYER		BUYER PO #	CARRIER #	
UNIT NUMBER		MODEL NUMBER		
PERFORMANCE DATA CERTIFIED BY				DATE

PERFORMANCE DATA

System Applications

- TEMP Monitor (Single Zone)
- "Monitor Only" Monitor (Multiple Zone)

Unit Control Applications

- Two-Stage Heating and Cooling, Unit Fan, and Economizer
- Outdoor Temperature Duty Rated
- Sensor Input IAQ, Fan Status, Filter Status or Humidity, Supply Air Temp, DX Coil Temp, Outside Air Temp

Physical Characteristics

- Dimensions (LxWxD) 8 1/2" x 6" x 2"
- Appearance Metal Enclosure with Internal Circuit Board
- Weight 22 oz

Electrical Characteristics

- Power Input Requirements 24 VAC, 60 Hz, 10 VA
- Power Output Requirements 10 VDC to Monitor
- Output Relay Rating, 6 Pilot Duty at 24 VAC, 1 0 Amp

Agency Approvals

- FCC Part 15, Subpart J, Class A

Environmental Requirements

- Operating Temp/Rel Humidity -29 to 158° F/10 to 95%
- Storage Temp/Rel Humidity -40 to 158° F/10 to 95%

Operating Characteristics

- Heat/Cool Operation Switch AUTO/OFF, with Remote Control Access
- Stage 1/2 ON 1 5/2 0° from Set Point
- Stage 2/1 OFF 1 0/0 5° from Set Point
- Fan Operation Switch AUTO/ON, with Remote Control Access
- Auto Fan Starts 30 sec after Heat/Cool Mode Selected
- Fan Stops 60 sec after Heat/Cool Mode Released
- Economizer Operation
- When Outside Air Between 55 and 65°F, Uses Economizer as 1st Stage Cool w/2 Stages of Mechanical Cooling
- When Outside Air Less Than 55°F, Uses Economizer as 1st Stage Cool for 6 Minutes Before Using Any Mechanical Cooling, w/2 Stages of Mechanical Cooling

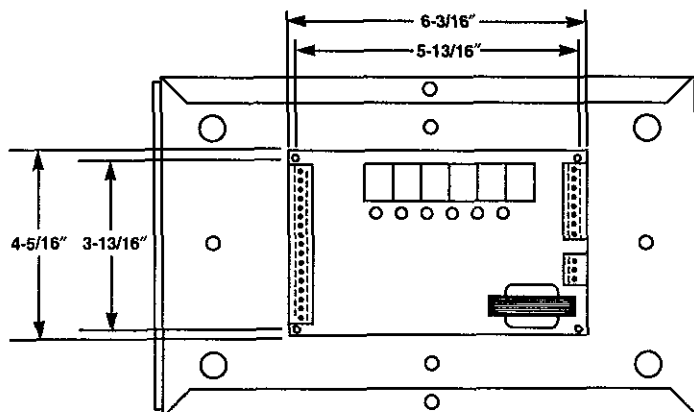
Equipment Protection

- Time Guard® between Modes 5 min
- Re-start Time within Mode 5 min
- High/Low Limit Time Guard 10 min
- Staggered Start. 5 - 8 min

Wiring Requirements

- To HVAC Unit 7 Conductor 18 Ga, Stranded,
- From Monitor 5 Conductor 18 Ga, Stranded, plus Shield

PHYSICAL DIMENSION PRINT



MODEL 33CS UCE-06 MOUNTED IN RE