Submittal Data

Job Data _____ Location _____

Buyer _____ Buyer PO # _____ Carrier # _____

Unit Number _____ Model Number _____

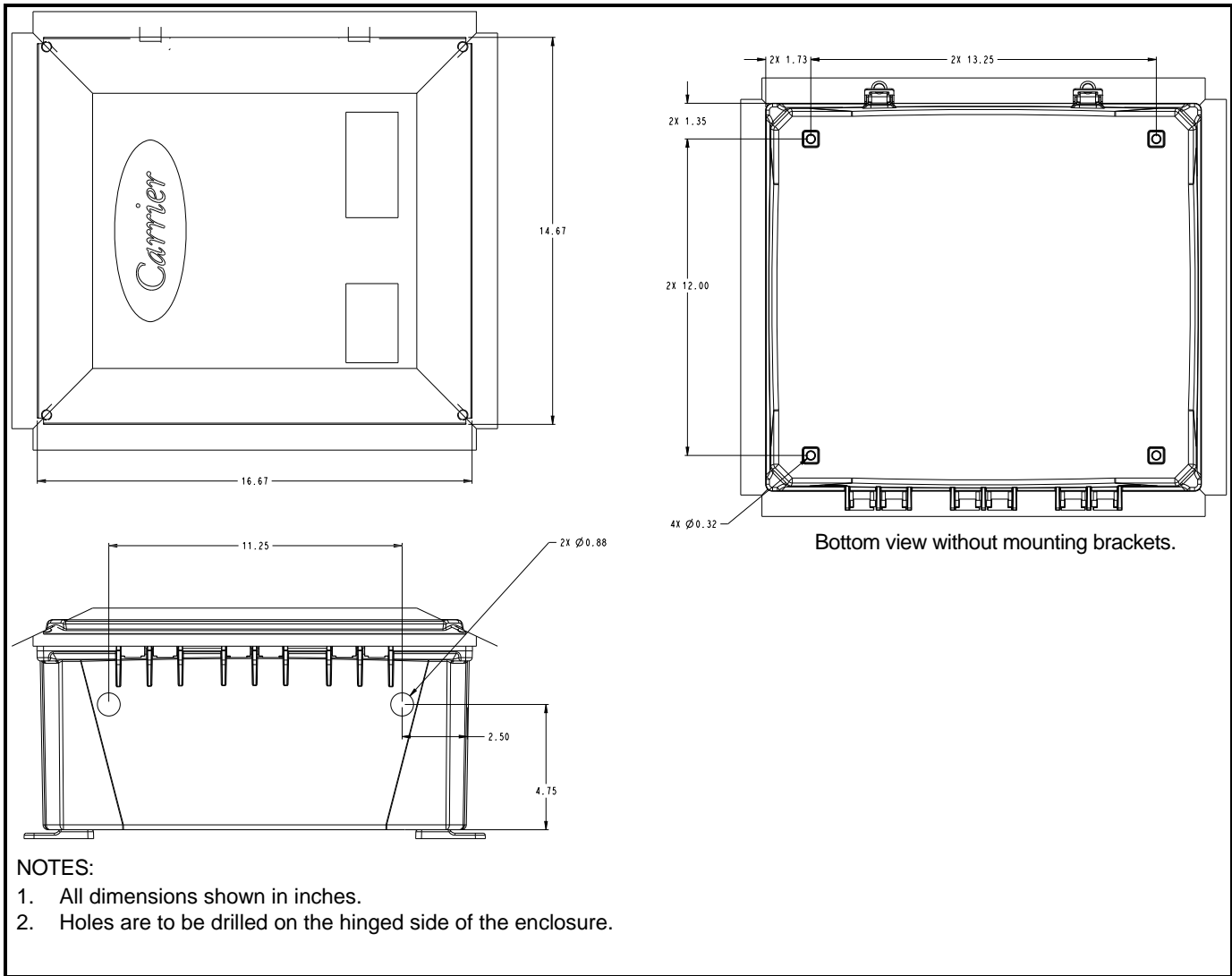Performance Data Certified By _____ Date _____

i-Vu Interface Features

- Monitor and control up to 64 indoor units
- Status
  - Unit: On/Off
  - Alarm: Normal/Alarm
  - Operation: Heat/Cool/Fan/Dry/Auto/Off
  - Fan speed: Stop/Auto/High/Medium/Low/Very low
  - Shutdown: Inactive/Active
- Unit Configuration
- Set Point
- Alarm Configuration
- Service Configuration

Part Name		i-Vu Interface
Part Number		OPN-MTCC
Power Supply	V/Ph/Hz	115/1/60
Operating Temperature Range	°F	32 to 104
Operating Humidity Range		10 to 90% (Non-condensing)
Dimensions	H (in)	7-5/8
	W (in)	16-1/4
	D (in)	17-3/4
Net Weight	lbs	17.5

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

Printed in U.S.A.   Form OPN-MTCC_01   Pg 1   08-17   Replaces: New

DIMENSIONAL DRAWING
i-Vu INTERFACE – OPN-MTCC

14.67

16.67

2X 1.73

2X 13.25

2X 1.35

2X 12.00

4X Ø0.32

Bottom view without mounting brackets.

11.25

2X Ø0.88

2.50

4.75

NOTES:
1. All dimensions shown in inches.
2. Holes are to be drilled on the hinged side of the enclosure.

WIRING DIAGRAM
i-Vu INTERFACE – OPN-MTCC

Color Identification

YEL	:	YELLOW
RED	:	RED
GRN	:	GREEN
WHI	:	WHITE
YEL/WHI	:	YELLOW/WHITE
BR	:	BARE

Legend

- **– – –** : Field installed wiring
- ——— : Factory installed wiring
- ▬▬▬ : Factory installed twisted pair (eight twists per pair)
- ⬭ : Wire color (See color identification chart for reference)
- ▭ : Terminal

See [NOTE 5]

Toshiba VRF Modbus Board

GND A B
RS 485

SW200 Dip Switch

SW300 Rotary Address

Ethernet Port E1

TCC-LNK CN02
U1 U2

CN20
BLK WHI

SW100 TCC-Link Dip Switch

Main Bus
U1 / U2

See [NOTE 3] & [NOTE 5]

BR ○ ○ BLK RED
DTR RX TX

i-Vu Open Link
CTV-OL

BLK Z
+ +
WHI I I

Toshiba VRF Modbus Board Transformer 5 VDC / 6A

L BLK
N WHI
GRN

BLK **Breaker 3A** BLK
BLK **Breaker 0.5A** BLK

Neutral Terminal Block 24V Transformer WHI
Neutral Terminal Block 5VDC / 6A TCC Board WHI
WHI Neutral Line in 115V AC
BLK Line Terminal Block Transformer to Modbus Board 5VDC
BLK Line Terminal Block Transformer to Open Link 24V
BLK 115V Single-Phase Terminal Block Line Power

115VAC 60Hz 1Ph Power supply

G Terminal Block Line Ground
G Terminal Block Panel Ground G

See [NOTE 4]

24V Transformer
WHI
BLK
YEL/WHI YEL

Caution: Wiring connected in this boc must be rated at least 600V.

Notes:
1. Low-voltage wiring : CLASS 2
2. Use copper conductors only
3. Use 2-ccore shielded wire 16AWG (1000m maximum) or 14AWG (2000m maximum) for field installed U1/U2 connections
4. Use 3 conductor (L, N, G) 14AWG power cable for 15VAC power connection to terminal block
5. Do not ground from this end; Insulate ground from device
6. Refer to the installation manual for additional field wiring instructions