

CTD PART NO	STATUS
98-60608-00	VOID
98-60608-01	VOID
98-60608-02	ACTIVE



Carrier Transicold Division  
Carrier Corporation  
P.O. Box 4805  
Syracuse, New York 13221

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# NEOS 100S/HE 100S/HE 200S

UNIT MODEL	EVAPORATOR MODEL	REFRIGERANT CHARGE	CPR SETTING	GAS
NEOS 100S	MNS 600	1.0 kg±0.1 [2.2 lb]	0.7 bar±0.1 [10.3 psi]	R-134A
NEOS HE 100S	MNS 600	1.0 kg±0.1 [2.2 lb]	FROZEN 0.9 bar±0.1 [13.1 psi] FRESH 1.6 bar±0.1 [23.2 psi]	R-134A
NEOS HE 200S	MNS 850	1.5 kg±0.1 [3.3 lb]	2.9 bar±0.1 [42.0 psi]	R-452A



## WARNING

READ ALL NOTES PRIOR TO INSTALLATION

### NOTES:

#### 1- TRUCK BODY

- 1.1- THE TRUCK STRUCTURE MUST BE EVALUATED BY THE TRUCK MANUFACTURER TO DETERMINE ITS ABILITY TO WITHSTAND THE LOADS IMPOSED BY THE UNIT OVER ITS SERVICE LIFE. CARRIER TRANSICOLD DOES NOT CONVEY ANY ENDORSEMENT OR WARRANTY FOR THE TRUCK'S STRUCTURAL INTEGRITY.
- 1.2 -UNIT MOUNTING SURFACES OF THE TRUCK THAT CONTACT THE UNIT MOUNTING PADS MUST BE UNI-PLANAR TO WITHIN 3 mm [0.12 ] TO PREVENT DISTORTION OF THE UNIT AND/OR TRUCK.

#### 2- INSTALLATION

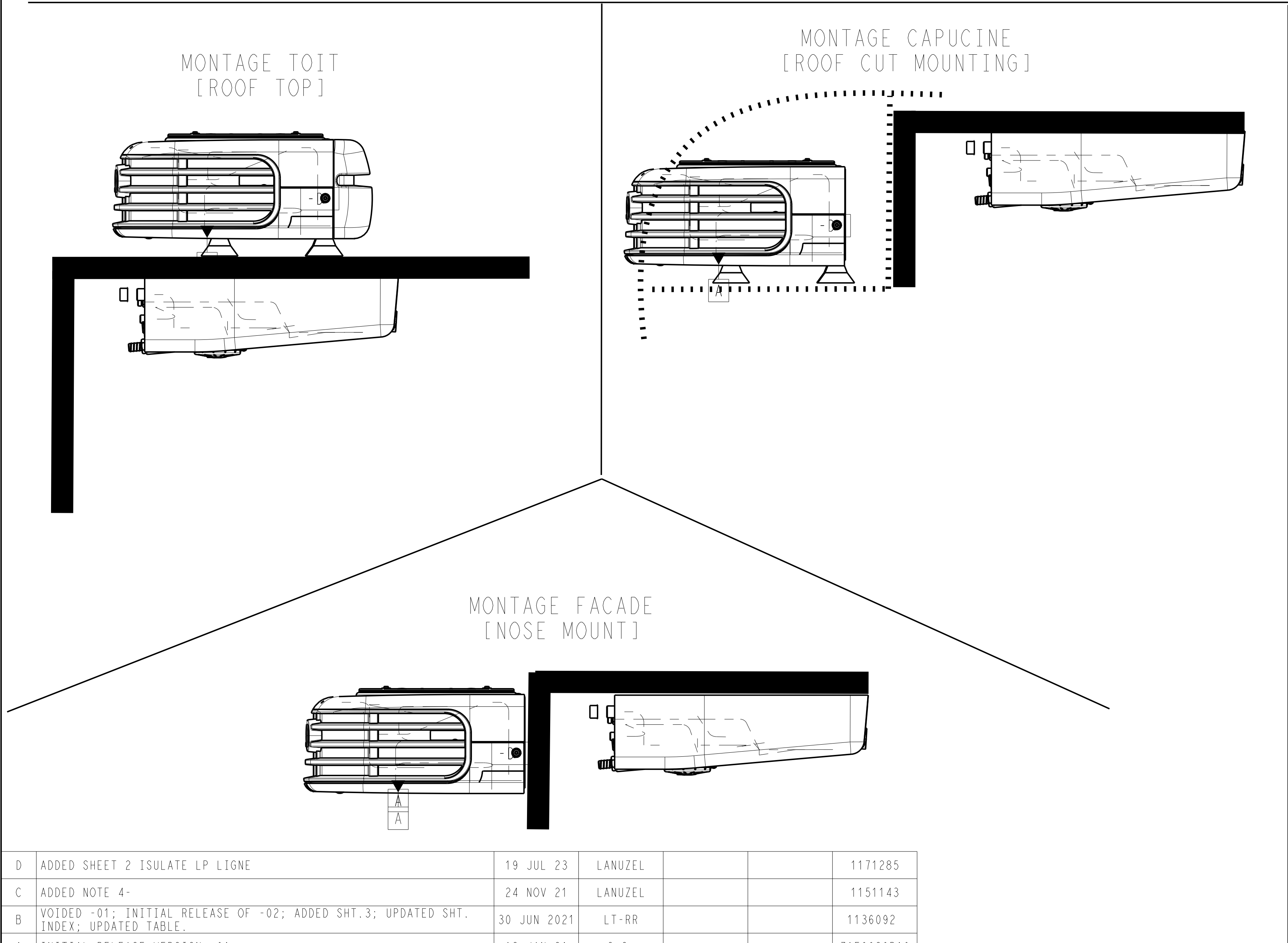
- 2.1- THIS REFRIGERATION UNIT HAS BEEN DESIGNED WITH THE SAFETY OF THE MECANICIAN IN MIND. DURING NORMAL OPERATION, ALL MOVING PARTS ARE FULLY ENCLOSED TO PREVENTINJURY. DURING ALL PRE-TRIP INSPECTIONS, DAILY INSPECTIONS AND PROBLEM TROUBLESHOOTING, YOU MAY BE EXPOSED TO MOVING PARTS.WE ADVISE YOU TO TAKE ALL REQUIRED PRECAUTIONS GENERAL AND TO WEAR ADEQUATE PROTECTIVE EQUIPMENT (SAFETY GLASSES, GLOVES, SAFETY SHOES) DURING INSTALLATION AND ALL REPAIRS AND MAINTENANCE SERVICES ON THE UNIT.
- 2.2- TAKE EVERY SAFETY MEASURE WHEN ACCESING THE UNIT, USE STANDARDS LADDERS, WORKING PLATFORM WITH RAILING, SAVETY BELT.
- 2.3- UNITS ARE DELIVERED UNDER PRESSURE WITH NITROGEN. PLEASE BE SURE THAT THE CIRCUIT IS STILL UNDER PRESSURE (IT MEANS THAT THERE IS NO LEAK).
- 2.4- INSTALLATION AND COMMISSIONING PROCEDURE WILL DESCRIBED ON ELECTRONIC TECHNICAL MANUAL "MODULE INSTALLATION" AVAILABLE FROM WEBSITES.

#### 3- SERVICE

- 3.1- IT IS IMPORTANT FOR THE SAFETY AND UPKEEP OF THE REFRIGERATION UNIT THAT SERVICING IS PERIODICALLY PERFORMED ACCORDING TO THE FREQUENCY INDICATED BY THE MANUFACTURED (SEE SERVICE MANUAL), SERVICE OPERATIONS AND REPAIRSMUST BE CARRIED OUT BY APPROVED CARRIER SERVICE STATION.
- 3.2- [ETO ONLY]  
GOLDEN COLD SERVICE CONTRACTS : THE PROOF OF OUR COMMITMENT TO YOUR PROFITABILITY  
WITH A CHOISE OF CONTRACTS : FULL SERVICE / ROUTINE MAINTENANCE / EXTENDED WARRANTY.

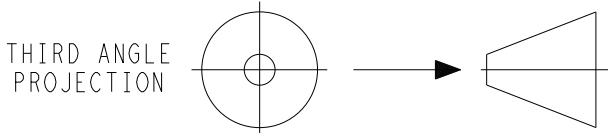
#### 4- UNIT MODIFICATION

NO MODIFICATION ON THE UNIT CAN BE REALIZED WITHOUT THE PRIOR WRITTEN CONSENT FROM CARRIER TRANSICOLD INDUSTRIES (ELECTRICAL, MECHANICAL .... NON EXHAUSTIVE LIST.



SHEET INDEX	REV	D	D	B
	SHEET	1	2	3

D	ADDED SHEET 2 ISULATE LP LIGNE	19 JUL 23	LANUZEL			1171285
C	ADDED NOTE 4-	24 NOV 21	LANUZEL			1151143
B	VOIDED -01; INITIAL RELEASE OF -02; ADDED SHT.3; UPDATED SHT. INDEX; UPDATED TABLE.	30 JUN 2021	LT-RR			1136092
A	INITIAL RELEASE VERSION -01	18-JAN-21	C.S.			71E0080P19
A1	PRELIMINARY RELEASE OF -01, VOIDED -00. UPDATED NOTE & CHARTS. UPDATED SHEET INDEX. SEE SHEET 2.	18 FEB 2020	LT-AB			71E0080P19
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



UNLESS OTHERWISE SPECIFIED ALL  
DIMENSIONS SHOWN ARE IN MILLIMETERS,  
WITH IMPERIAL CONVERSIONS IN [INCHES]

TITLE	INSTRUCTION D'INSTALLATION NEOS S [INSTALLATION INSTRUCTIONS NEOS S]
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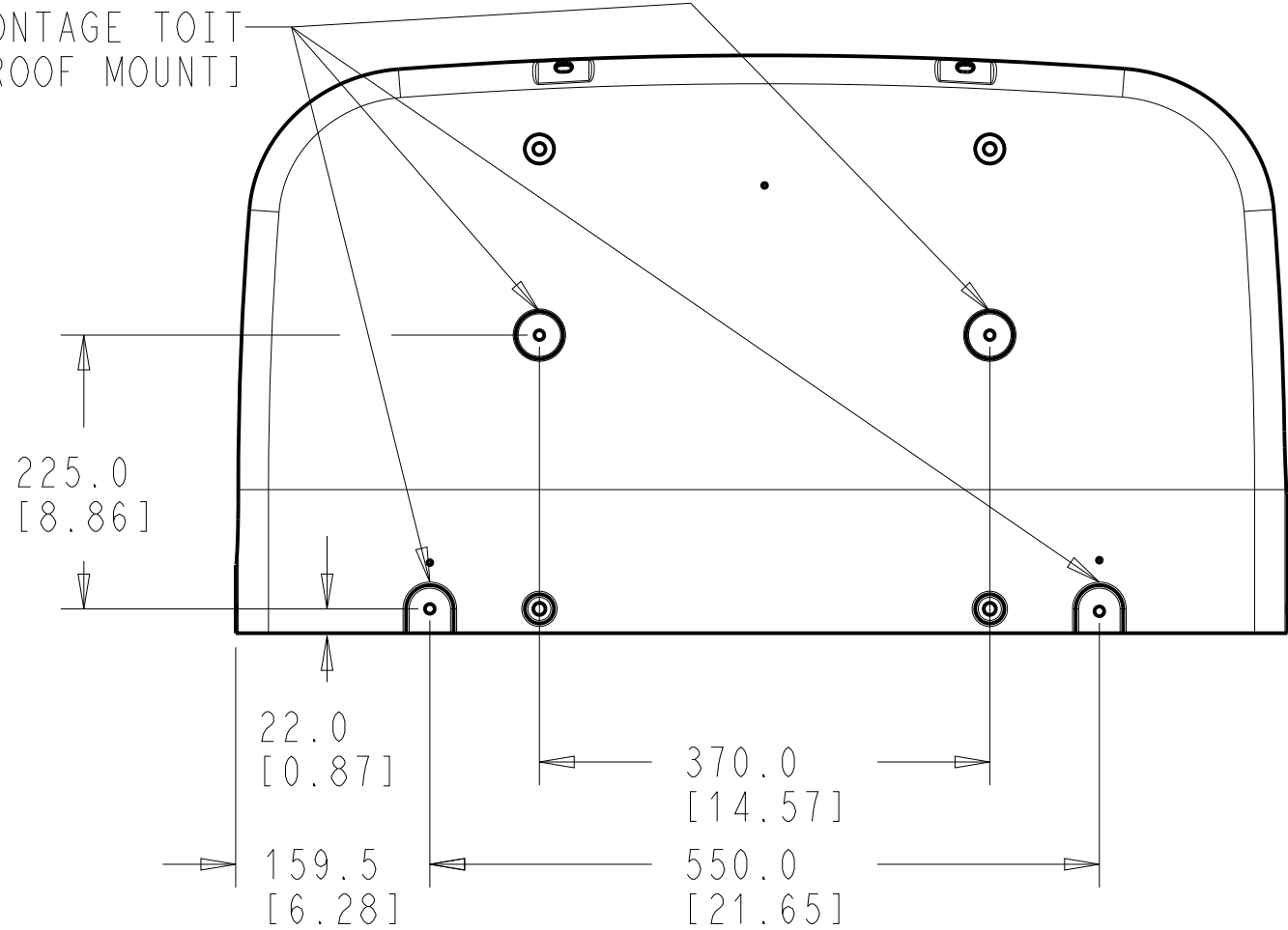
DRAWING NO.	98-60608	REV	D
SHEET 1 of 3			

SUPERSEDES: \_\_\_\_\_

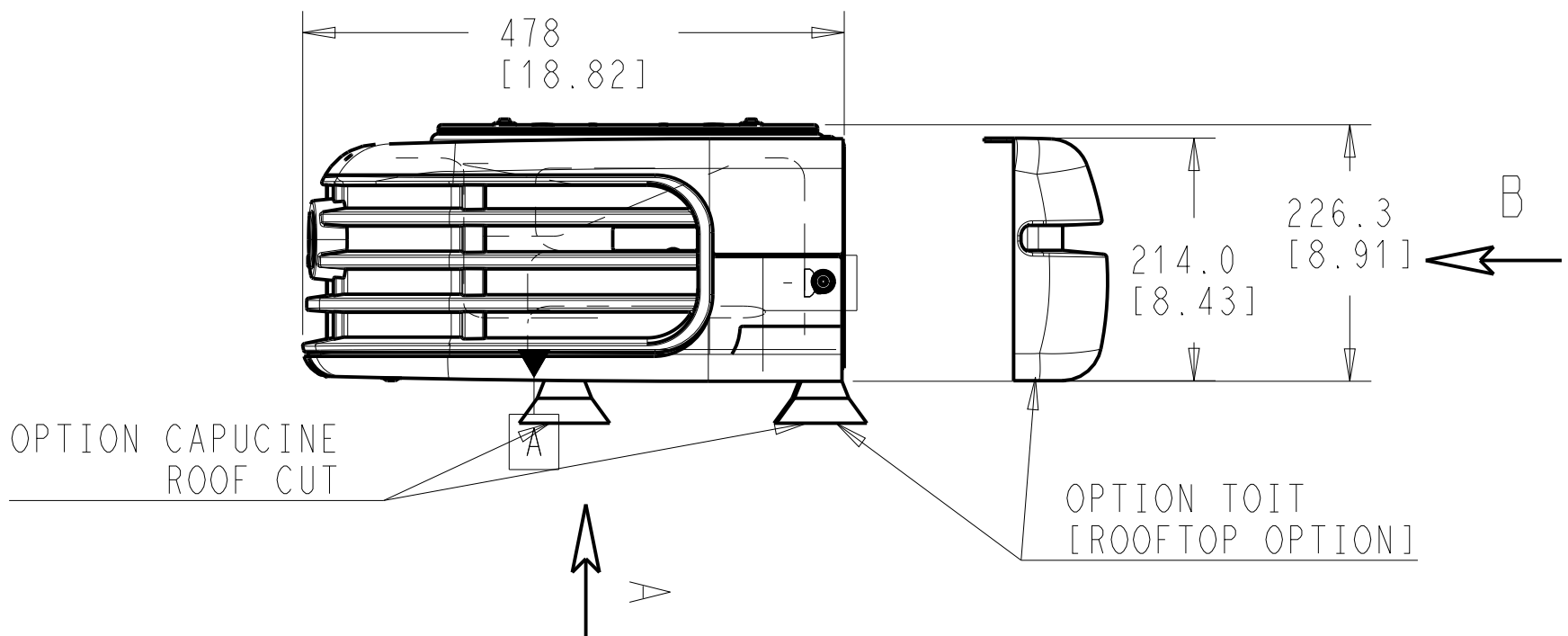
PART CLASSIFICATION: US \_\_\_\_\_

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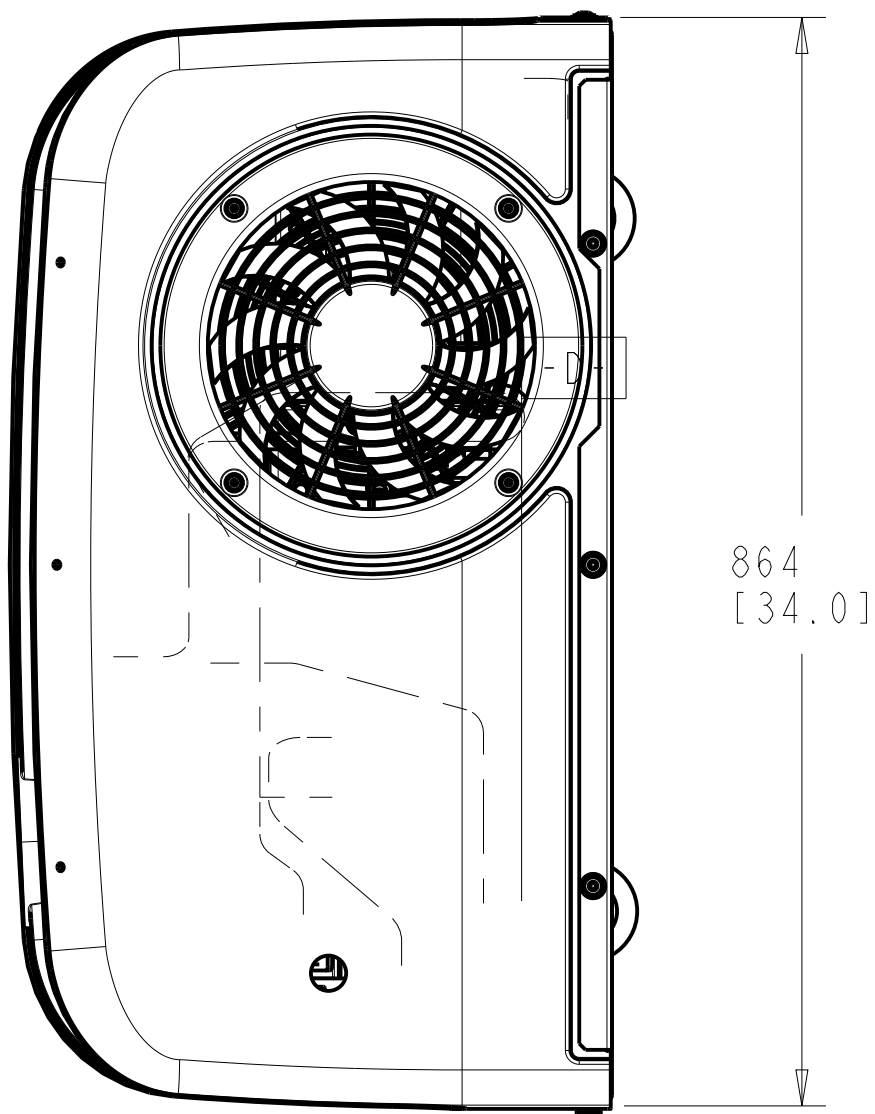
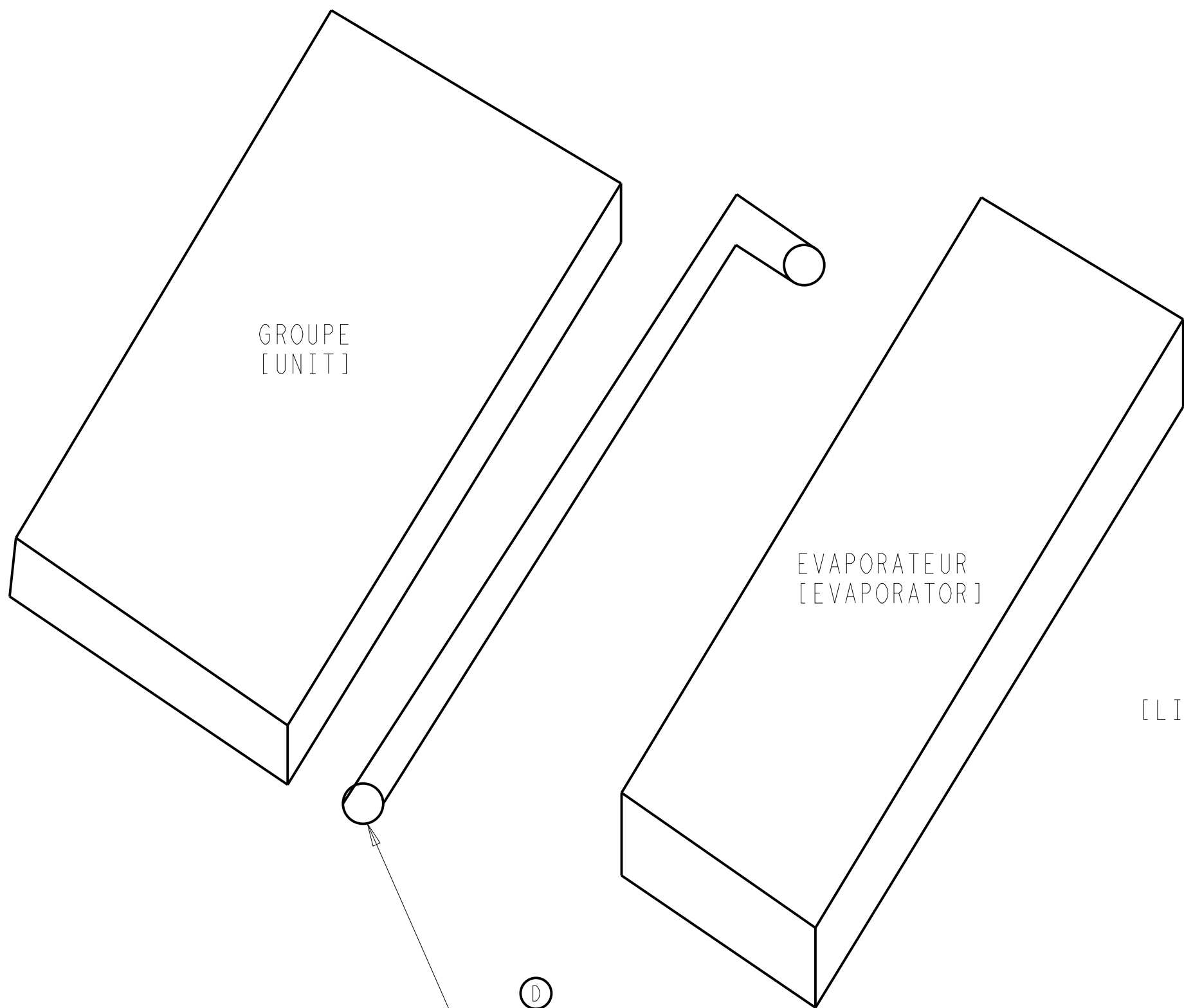
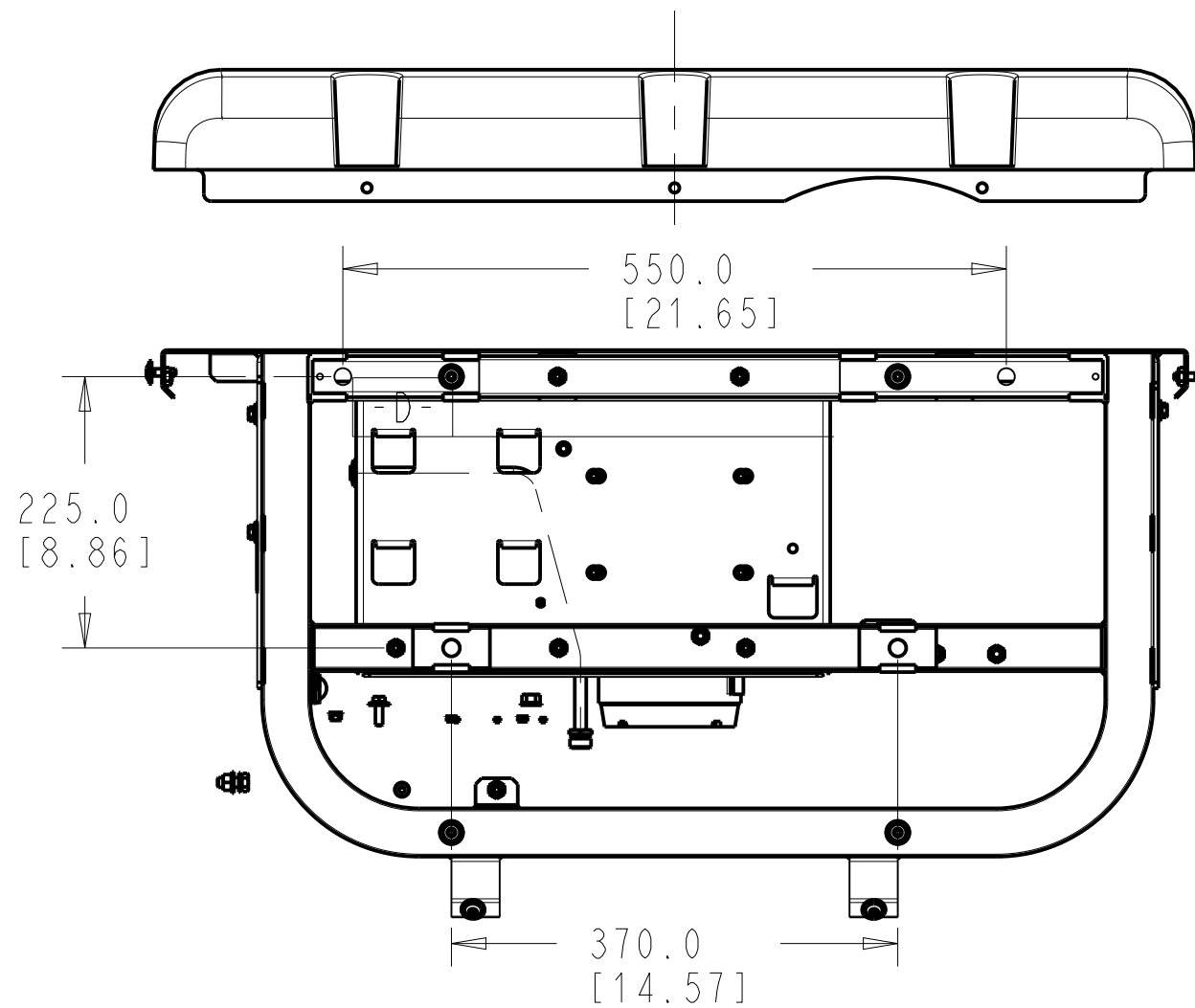
PERCAGE DIA. 33 POUR MONTAGE TOIT  
[DRILL Ø1.3 FOR ROOF MOUNT]



BOTTOM PANEL  
ROOFMOUNT PREPARATION

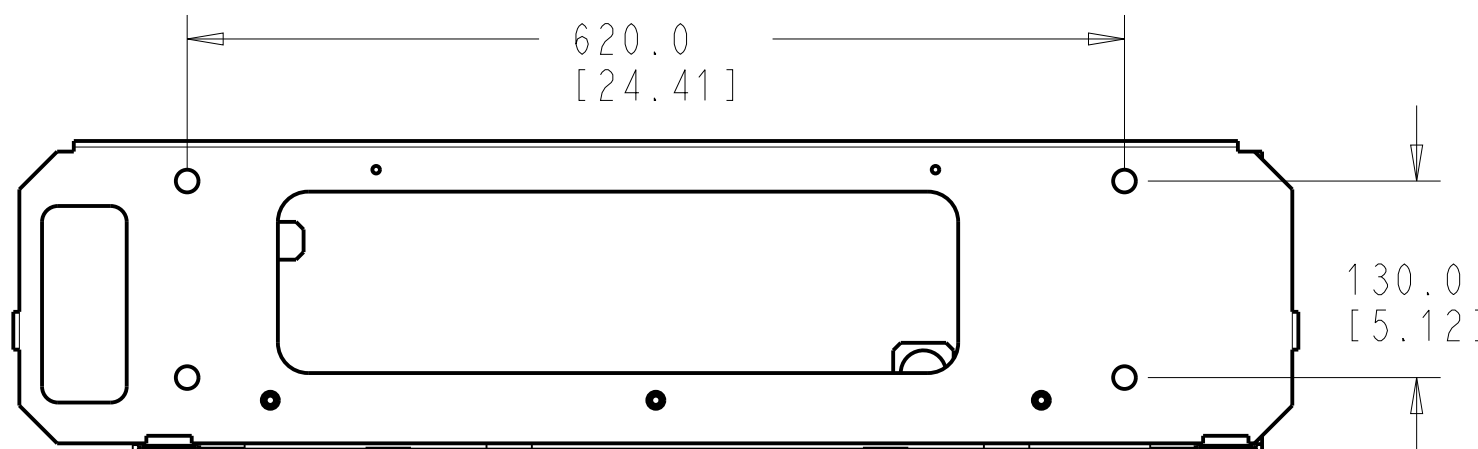


VUE SUIVANT A FIXATION DU CONDENSEUR PAR LE DESSOUS  
[VIEW FOLLOWING A CONDENSER FIXATION BY THE BOTTOM]

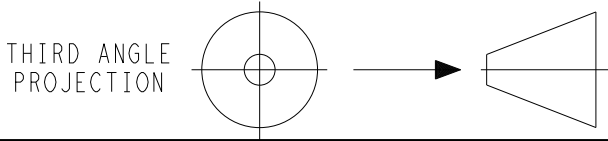


AVANT DE PERCER S'ASSURER QUE LES TROUS SERONT REALISES DANS LE BON SENS  
POUR CELA UTILISER LES FLECHES D'ORIENTATION DE VUES A ET B ET LES VUE S  
ASSOCIEES POUR SE REPERER  
[BEFORE DRILLING MAKE SURE HOLES WILL BE REALIZED IN THE GOOD SIDE, FOR THIS  
USED ARROWS A AND B AND VIEWS ASSOCIATED FOR ORIENTATION]

VUE SUIVANT B FIXATION DU CONDENSEUR PAR L'ARRIERE  
[VIEW FOLLOWING B CONDENSER FIXATION BY THE REARSIDE]



D	ADDED ISULATE LP LIGNE	19 JUL 23	LANUZEL			1171285
B	INITIAL RELEASE OF -02; VOIDED -01; UPDATED CHART & MOVED VIEW TO SHT.3.	30 JUN 2021	LT-RR			1136092
A	INITIAL RELEASE VERSION -01	18-JAN-21	C.S.			71E0080P19
A1	PRELIMINARY RELEASE OF -01. UPDATED CHART.	18 FEB 2020	LT-AB			71E0080P19
-	INITIAL RELEASE.	XX/XX/XX				
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



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TITLE

INSTRUCTION D'INSTALLATION NEOS S  
[INSTALLATION INSTRUCTIONS NEOS S]

DRAWING NO.

98-60608

SHEET 2 of

REV

D

SUPERSEDES:

PART CLASSIFICATION: US

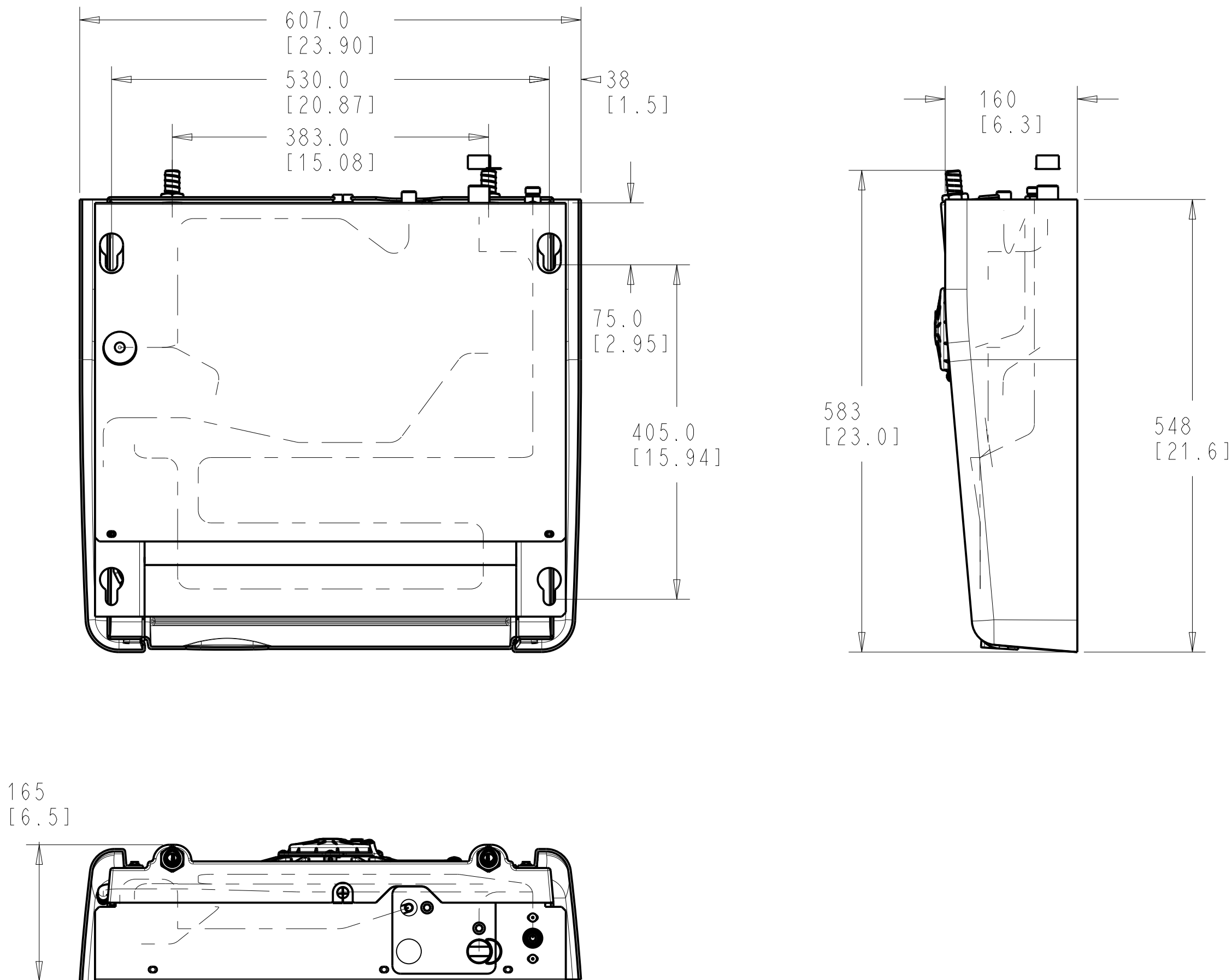


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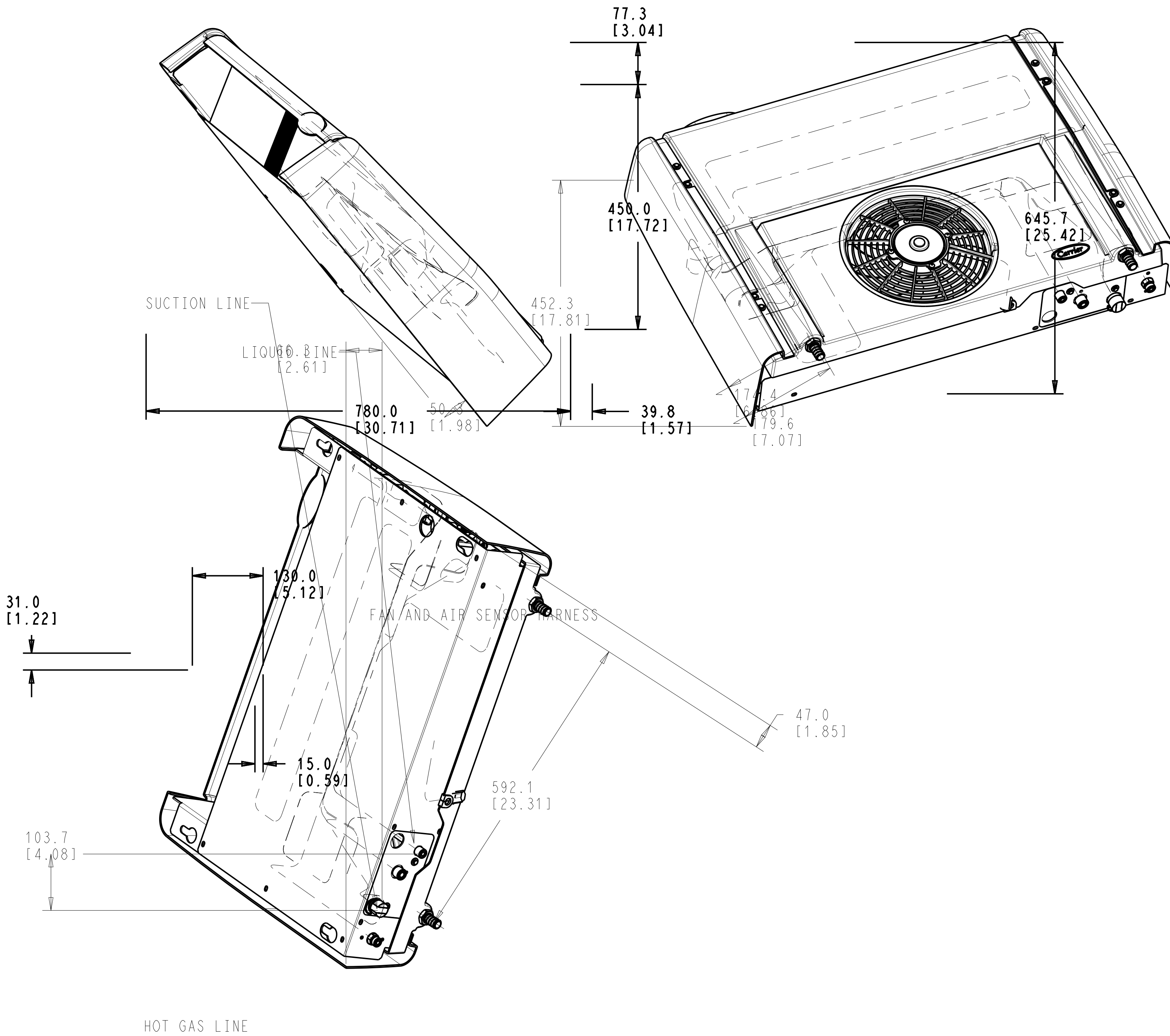
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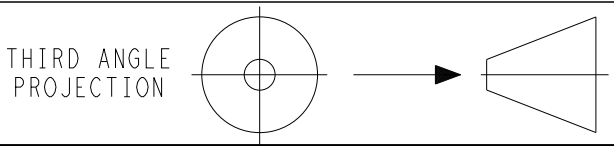
EVAPORATOR MNS 600



EVAPORATOR MNS 850



B	ADDED THIS SHT. & VIEWS.	30-JUN-2021	LT-RR			1136092
SYM	REVISION RECORD	DATE	BY	ENGR.	M.E.	NPCA NO.



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DRAWING NO.	98-60608
SHEET 3 OF	B

SUPERSEDES: \_\_\_\_\_

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