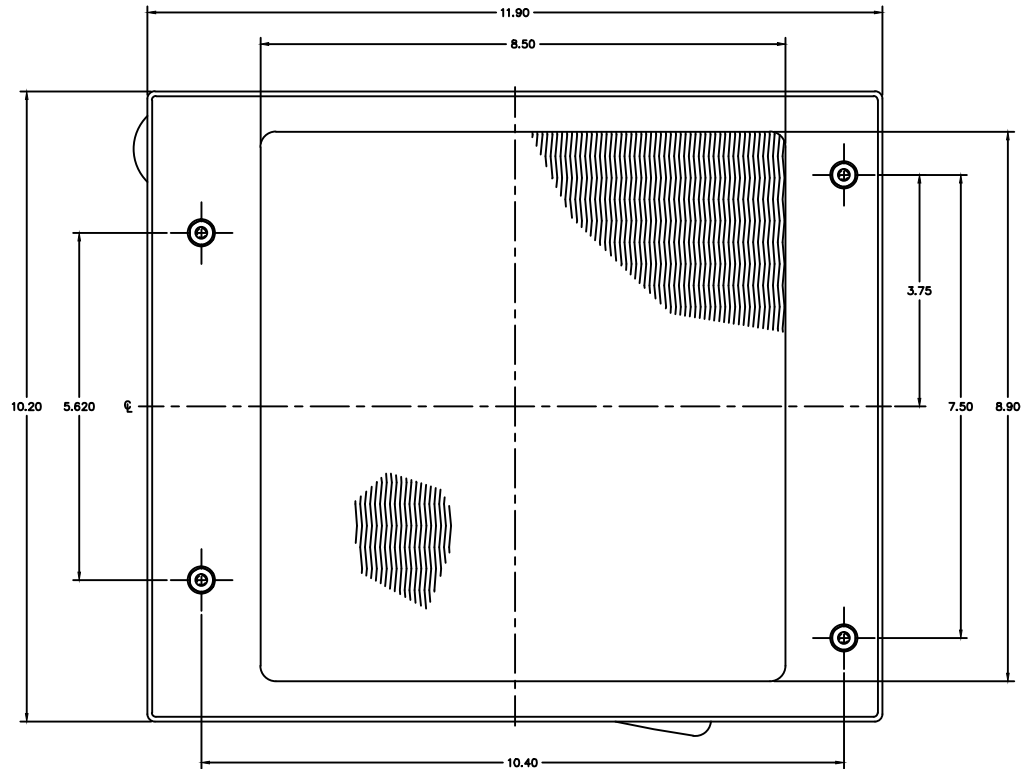
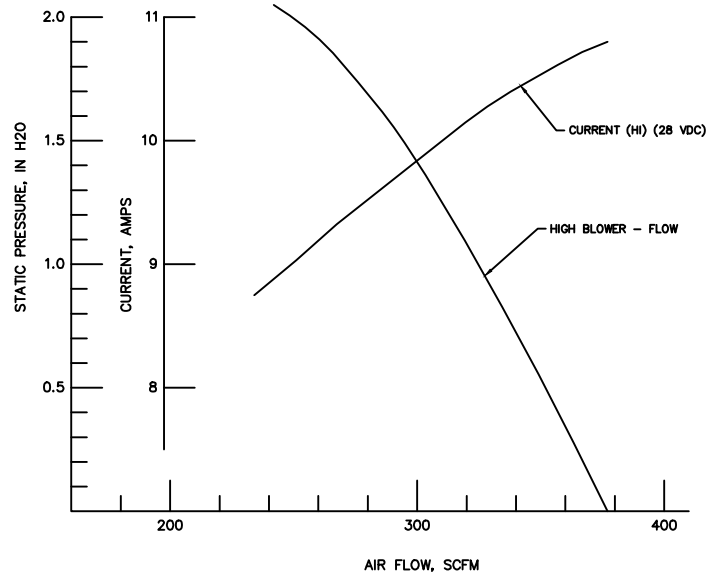


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REVISIONS				
C.O. NO.	REV.	REVISION DESCRIPTION	DATE	APPD.
ASC4739	E	SEE SHEET 1 FOR REVISIONS	2-8-10	D.S.

PERFORMANCE CHART



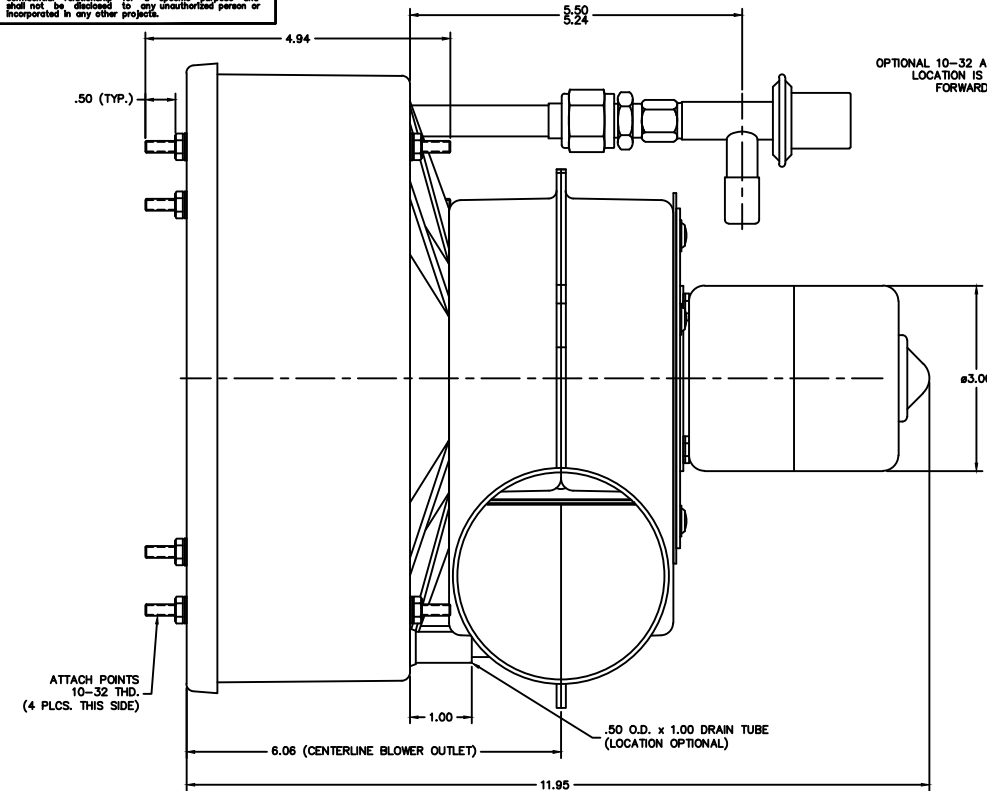
LEFT END VIEW

- NOTES CONTINUED:
- MODULE CAPACITY:
 - 12,000 BTUH AT 300 CFM 80°F INLET AIR
180 PSIG 100°F INLET FREON
38 PSIG OUTLET FREON
 - 16,000 BTUH AT 325 CFM 103°F INLET AIR
200 PSIG 110°F INLET FREON
38 PSIG OUTLET FREON
 - BLOWER CAPACITY: TWO SPEED, 350 CFM AT 0.5 IN H₂O BACKPRESSURE ON HIGH SPEED.
LOW SPEED IS APPROXIMATELY 50% OF HIGH SPEED.
 - ELECTRICAL POWER: 27 VDC, 200 WATTS
 - MODULE WEIGHT: 12 LBS. MAXIMUM
 - BLOWER SCROLL OUTLET AND FREON INLET LOCATION ORIENTATION OPTIONAL
 - EXPANSION VALVE ADJUSTABLE. SAME PRESET AT 38 PSIG.
 - LIQUID DRAIN TO BE LOCATED AT EITHER LOW POINTS AS INDICATED.
POSITION MUST NOT INTERFERE WITH SCROLL.
 - SEE SHEET (1)

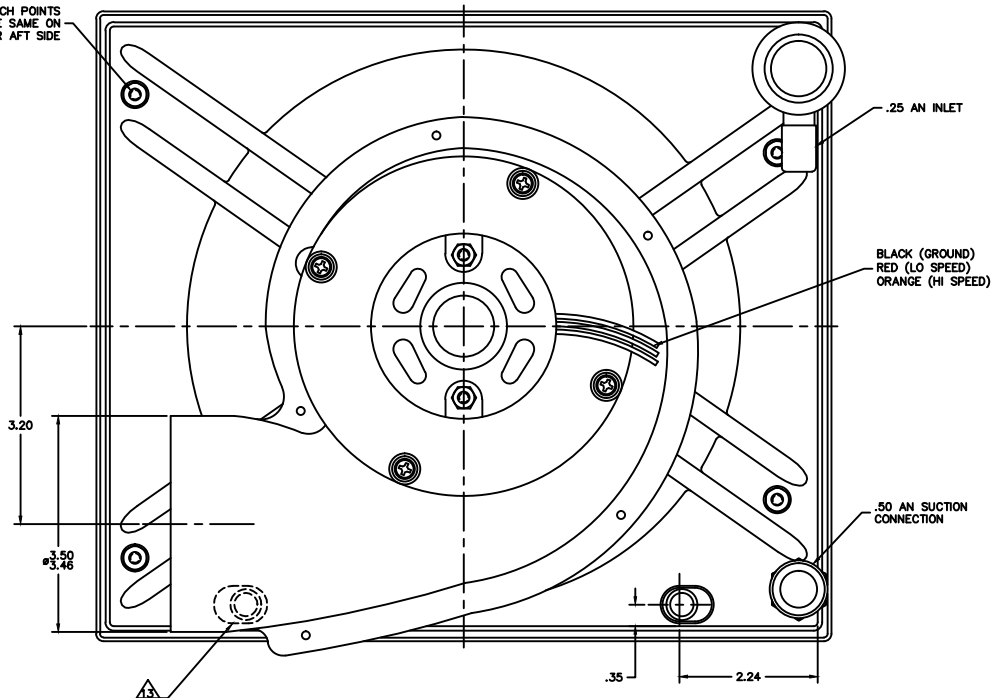
QTY.	ITEM	SIZE	PART NUMBER	DESCRIPTION	MATERIAL	MAT'L. SPEC.	FINISH	FINISH SPEC.
LIST OF MATERIALS								
DIMENSIONAL SYMBOLS PER ASME Y14.5				UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
▧ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY // PARALLELISM ⊙ CONCENTRICITY ⊕ TRUE POSITION ○ CIRCULARITY (ROUNDNESS) = SYMMETRY (M) (MMC) MAXIMUM MATERIAL CONDITION (RFS) REGARDLESS OF FEATURE SIZE				1. DIMENSIONS ARE IN INCHES — TOLERANCES ON — FRACTIONS ± 1/16 ANGLES ± 0° 30' XX DEC ±.030 DRILL HOLES AND 10387 2. SURFACE ROUGHNESS PER ASME-B46.1 3. REMOVE BURRS & BREAK SHARP EDGES .010 MAX. 4. INTERNAL RADII .005 TO .015 5. STRAIGHT SCREW MIL-S-7742 TAPERED PIPE MIL-P-7105		DR. Daniel Simor CHK. ENGR. APPD. DON SIMON NEXT ASSY:		6-3-03
AERO SPACE CONTROLS CORPORATION WICHITA, KANSAS						TITLE:		
						EVAPORATOR MODULE		
6. ALL DIMENSIONS BEFORE PLATING						CODE IDENT No.	SIZE	DWG. No.
						DO NOT SCALE DRAWING		D
SCALE: 1:1						UNIT WT.	LBS.	SHT. 2 OF 3

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REVISIONS				
C.O. NO.	REV.	REVISION DESCRIPTION	DATE	APPD.
ASC4739	E	SEE SHEET 1 FOR REVISIONS	2-8-10	D.S.



OPTIONAL 10-32 ATTACH POINTS
 LOCATION IS THE SAME ON
 FORWARD OR AFT SIDE



RIGHT END VIEW

SIDE VIEW

1523300-10A1 CONFIGURATION SHOWN

- NOTES CONTINUED:
- MODULE CAPACITY:
 - 12,000 BTUH AT 300 CFM 80°F INLET AIR
180 PSIG 100°F INLET FREON
38 PSIG OUTLET FREON
 - 16,000 BTUH AT 325 CFM 103°F INLET AIR
200 PSIG 110°F INLET FREON
38 PSIG OUTLET FREON
 - BLOWER CAPACITY: TWO SPEED, 350 CFM AT 0.5 IN H₂O BACKPRESSURE ON HIGH SPEED.
LOW SPEED IS APPROXIMATELY 50% OF HIGH SPEED.
 - ELECTRICAL POWER: 27 VDC, 200 WATTS
 - MODULE WEIGHT: 12 LBS. MAXIMUM
 - BLOWER SCROLL OUTLET AND FREON INLET LOCATION ORIENTATION OPTIONAL
 - EXPANSION VALVE ADJUSTABLE. SAME PRESET AT 38 PSIG.
 - LIQUID DRAIN TO BE LOCATED AT EITHER LOW POINTS AS INDICATED.
POSITION MUST NOT INTERFERE WITH SCROLL.
 - SEE SHEET (1)

QTY.	ITEM	SIZE	PART NUMBER	DESCRIPTION	MATERIAL	MAT'L. SPEC.	FINISH	FINISH SPEC.
LIST OF MATERIALS								
DIMENSIONAL SYMBOLS PER ASME: Y14.5				UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
▽ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY // PARALLELISM ⊙ CONCENTRICITY ⊕ TRUE POSITION ○ CIRCULARITY (ROUNDNESS) = SYMMETRY (M) (MMC) MAXIMUM MATERIAL CONDITION (S) (RFS) REGARDLESS OF FEATURE SIZE				1. DIMENSIONS ARE IN INCHES — TOLERANCES ON — FRACTIONS ± 1/16 ANGLES ± 0° 30' XX DEC ±.030 DRILL HOLES AND 10387 XXX DEC ±.010		DR. Daniel Simon CHK. ENGR.		6-3-03
				2. SURFACE ROUGHNESS PER ASME-B46.1		APPD. DON SIMON NEXT ASSY:		6-4-03
				3. REMOVE BURRS & BREAK SHARP EDGES .010 MAX.		6. ALL DIMENSIONS BEFORE PLATING		
				4. INTERNAL RADII .005 TO .015		DO NOT SCALE DRAWING		
				5. STRAIGHT SCREW MIL-S-7742 TAPERED PIPE MIL-P-7105				
AERO SPACE CONTROLS CORPORATION WICHITA, KANSAS						TITLE: EVAPORATOR MODULE		
						CODE IDENT No.	SIZE	DWG. No.
							D	1523300
						SCALE: 1:1	UNIT WT.	LBS.
						SHT. 3 OF 3		