

NOTE:
1. RIGHT HAND UNIT SHOWN, LEFT HAND UNIT AVAILABLE. HANDING DETERMINED BY FAN LOCATION WHEN LOOKING AT COIL INLET

ALL METRIC DIMENSIONS [] ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]
ENGINEER:		
CUSTOMER:		APPROVED BY: <i>TW</i>
SUBMITTAL DATE:		DRAWING NO: 276541
SPEC. SYMBOL:		DATE DRAWN: 2024-05-06
		ACHU-1-X AIR CHANGE HORIZONTAL UNIT SIZE 30

STANDARD CONSTRUCTION:

- 18 GAUGE GALVANIZED STEEL HOUSING
- INTERNAL INSULATION - 1" (25mm) THICK FIBER FREE
- REMOVABLE BOTTOM AND SIDE ACCESS PANELS W/ QUARTER TURN CAM LATCHES - FULLY INSULATED
- 4" DUCT FLANGE CONNECTION ON DISCHARGE AND INLET
- STAINLESS STEEL DRAIN PAN WITH 3/4" MALE NPT CONNECTION
- FRESH AIR INLET FIELD CUTOUTS - 6", 8", 10", 12"

FAN & MOTOR ASSEMBLY:

- PLENUM FAN WITH INTEGRATED ELECTRONICS
- EC MOTOR WITH 2-10 VDC CONTROL, 3 PHASE, 60 CYCLE

WATER COILS:

- AHRI 410 CERTIFIED
- COILS HAVE COPPER TUBES WITH ALUMINUM FINNS, MANUAL AIR VENTS AND 18 GA. GALV STEEL CASING
- REHEAT COIL CONFIGURATION
- 1 ROW HEATING COIL, 3 ROW COOLING COIL
- 5/8" COIL CONNECTIONS

FACTORY MOUNTED ELECTRICAL CONTROLS:

- DISCONNECT SWITCH
- TRANSFORMER - LINE TO 24V
- MOTOR FUSING
- FAN AIRFLOW PRESSURE DIFFERENTIAL SENSOR
- DISCHARGE AIR TEMPERATURE SENSOR
- RETURN AIR TEMPERATURE & HUMIDITY SENSOR
- UNIT MOUNTED ANTEC PACE CONTROLLER
- OVERFLOW SAFETY FLOAT SWITCH


VALVE PACKAGE

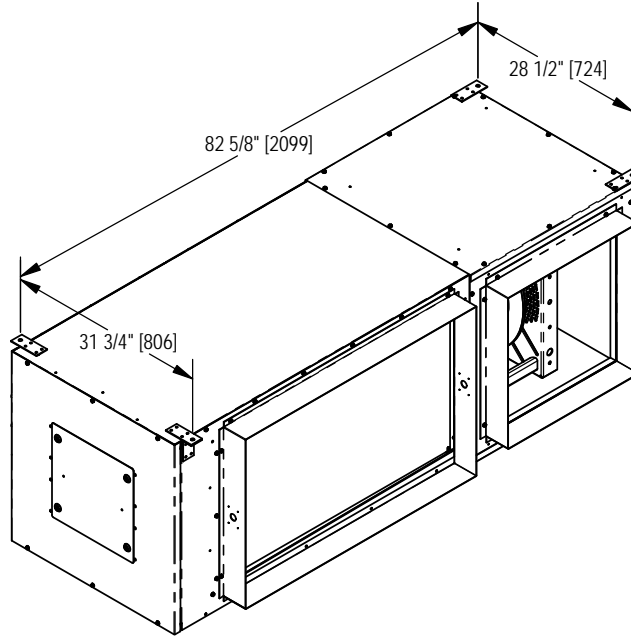
- TEMPERATURE CONTROL VALVE TYPE
 - 2 WAY
- CONTROL TYPE
 - MODULATING
- RETURN SIDE VALVE
 - WITH AUTOMATIC BALANCING VALVE
 - WITHOUT AUTOMATIC BALANCING VALVE
- SOURCE SIDE VALVE
 - WITH Y-STRAINER W/ BLOWDOWN AND PT PORTS
 - WITHOUT Y-STRAINER W/ BLOWDOWN AND PT PORTS

UNIT OPTIONS

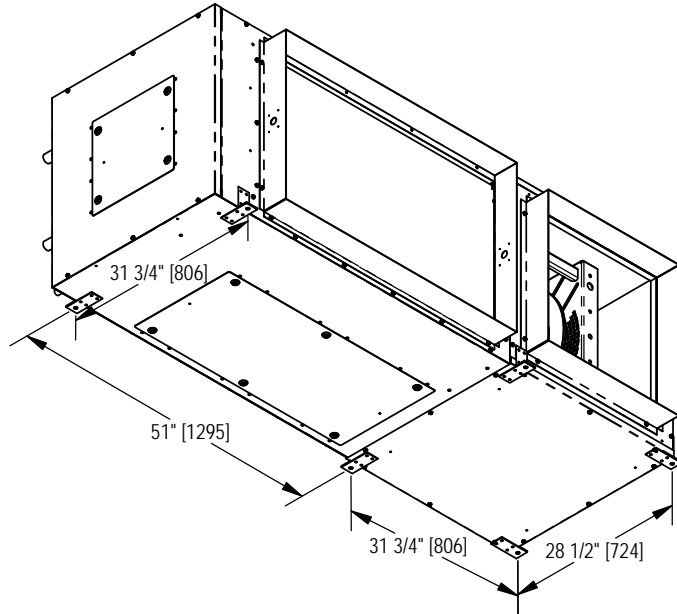
- MOTOR VOLTAGE
 - 208-230/3/60
 - 460/3/60
- UNIT HANDING
 - RIGHT HAND - FAN LOCATED ON THE RIGHT WHEN LOOKING AT COIL INLET
 - LEFT HAND - FAN LOCATED ON THE LEFT WHEN LOOKING AT COIL INLET
- LINER
 - 1" SOLID METAL

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TOP HANGER BRACKET ORIENTATION




BOTTOM HANGER BRACKET ORIENTATION

SIZE	NOMINAL AIRFLOW		WEIGHT LBS (KG)	ECM MOTOR TOTAL AMPS	
	CFM	I/s		208-230V	460V
30	3600	1700	550 (250)	10.4	6.2

NOTE:

1. FOR TOP HANGER BRACKET ORIENTATION, FOUR (4) HANGER LOCATIONS RECOMMENDED
2. FOR BOTTOM HANGER BRACKET ORIENTATION, SIX (6) HANGER LOCATIONS RECOMMENDED

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