

**UNIVERSAL ANALYZERS MODEL 1050 SAMPLE COOLER**

**SPECIFICATIONS**

SAMPLE FLOW RATE:	0 TO 8 L/M TOTAL (at STP)
MAXIMUM INLET TEMPERATURE:	
STAINLESS STEEL HEAT EXCHANGER:	700° F. (351° C.)
KYNAR/GLASS HEAT EXCHANGER:	280° F. (138° C.)
MAXIMUM INLET GAS DEWPOINT:	178° F. (81° C.)
MAXIMUM INLET WATER CONCENTRATION:	50%
MINIMUM AMBIENT TEMPERATURE:	34° F. (1° C.)
MAXIMUM AMBIENT TEMPERATURE:	105° F. (41° C.)*
MAXIMUM COOLING POWER (SECOND STAGE):	126 BTUs PER HOUR (120 kJ/Hr.)
GAS DEW POINT LEAVING FIRST STAGE:	AMBIENT PLUS 14° F. (8° C.)
OUTLET SAMPLE DEW POINT:	41° F. (5° C.)
GAS SAMPLE INLET FITTINGS:	3/8" TUBING FITTINGS
GAS SAMPLE OUTLET FITTINGS:	1/4" TUBING FITTINGS
BOTTOM WATER DRAIN FITTINGS:	3/8" TUBING FITTINGS
MAXIMUM INPUT POWER:	400 WATTS
VOLTAGE:	90-132 or 180-264 VAC, 50/60 Hz
ELECTRICAL CLASSIFICATION:	GENERAL PURPOSE, NEMA 1
DIMENSIONS:	15" HIGH x 10" WIDE x 12 DEEP
WEIGHT:	38 LBS (17 KG)
SOLUBLE GAS REMOVAL RATES:	NO      0% LOSS NO <sub>2</sub> <10% LOSS SO <sub>2</sub> < 2% LOSS CO      0% LOSS CO <sub>2</sub> < 2% LOSS

\* at reduced flow rate. See next page.