

Universal Analyzers Inc.

UNIVERSAL ANALYZERS MODEL 1040 SAMPLE COOLER

SPECIFICATIONS

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| SAMPLE FLOW RATE: | 0 TO 5 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: | 126 BTUs PER HOUR (120 kJ/Hr.) |
| 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: | 31 LBS (14 KG) |
| SOLUBLE GAS REMOVAL RATES: | NO 0% LOSS NO ₂ <10% LOSS SO ₂ < 2% LOSS CO 0% LOSS CO ₂ < 2% LOSS |

* at reduced flow rate. See next page.