

Universal Analyzers Inc.

August 18, 1996

UNIVERSAL ANALYZERS MODEL 530 SAMPLE COOLER

SPECIFICATIONS

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| SAMPLE FLOW RATE: | 0 to 5 L/M (at STP) |
| MAXIMUM INLET TEMPERATURE: | |
| STAINLESS STEEL HEAT EXCHANGER: | 700° F. (371° C.) |
| KYNAR/GLASS HEAT EXCHANGER: | 280° F. (138° C.) |
| MAXIMUM INLET GAS DEW POINT: | 180° F. (82° C.) |
| MAX. GAS SAMPLE WATER VAPOR CONTENT: | 50%* |
| MAXIMUM COOLING POWER (SECOND STAGE): | 63 BTU'S/Hr. (60 kJ/Hr.) |
| DEW POINT LEAVING FIRST STAGE: | AMBIENT +10° F. (6° C.) |
| OUTLET SAMPLE DEW POINT: | 41° F. (5° C.), adjustable |
| GAS SAMPLE INLET AND OUTLET FITTINGS: | 3/8" & 1/4" TUBING FITTINGS |
| BOTTOM CONDENSATE DRAIN FITTING: | 3/8" FNPT FITTING |
| MAXIMUM INPUT POWER: | 175 WATTS |
| INPUT VOLTAGE: | 95-125 VAC, 50/60 Hz or 190-250 VAC, 50/60 Hz |
| ELECTRICAL CLASSIFICATION: | GENERAL PURPOSE, NEMA 1 |
| DIMENSIONS: | 11" x 10" x 9", HWD |
| WEIGHT: | 20 LB's, (9 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 rates