



International, Inc.

**Steam Trap Quick Selection Charts**

**NOTE: Manufacturer recommended pressure differentials and factor of safety were used in the following selection. Do NOT apply additional factor of safety to the Steam LB/HR shown below.**

Reference: Primary Steam Flow Rate (LB/HR) = Domestic Flow (GPM) x Domestic ΔT (°F) x 0.5

**MAIN CONDENSATE TRAPS:**

Steam Pressure to Control Valve PSIG	Steam Pressure to Heat Exchanger (OUTLET of Control Valve) PSIG	Primary Steam Flow Rate LB/HR	AERCO Steam Trap Part Number to Use	Submittal Drawing
Up to 15	Up to 12	Up to 1130	99136-1	AP-A-882
		>1130 to 2400	99136-2	AP-A-882
		>2400 to 6330	99136-3 (SEE NOTE BELOW)	AP-A-882
>15 to 30	Up to 25	Up to 2260	99136-4	AP-A-883
		>2260 to 3860	99136-5	AP-A-883
		>3860 to 8330	99136-6 (SEE NOTE BELOW)	AP-A-883
>30 to 75	Up to 50	Up to 2530	99136-7	AP-A-884
		>2530 to 2860	99136-8	AP-A-884
		>2860 to 7600	99136-9 (SEE NOTE BELOW)	AP-A-884
	>50 to 70	Up to 3000	99136-7	AP-A-884
		>3000 to 3600	99136-8	AP-A-884
		>3600 to 9000	99136-9 (SEE NOTE BELOW)	AP-A-884

**NOTE: The inlet connection of 99136-3, -6, and -9 is vertically higher (~10.25") than the condensate outlet of the SWDW24 (~9"). The SWDW24 must be installed on a concrete pad to accommodate these traps.**

**VALVE TRAPS AND DRIP TRAPS:**

Steam Pressure to Control Valve PSIG	AERCO Steam Trap Part Number to Use	Submittal Drawing
Up to 30	99136-10	AP-A-885
>30 to 75	99136-11	AP-A-886