

HydraMaster

The industry's first water conservation system

HydraMaster engineers truckmount equipment for efficient, cost-effective solutions.

The Titan 575, the newest truckmount developed by **HydraMaster's** engineering group, incorporates a number of innovative features that add up to deliver a maximum amount of cleaning power with a minimum expenditure of fuel, water and, most precious of all, operator time.

The Titan 575 has been engineered with one of the most efficient and cost-effective solution heating systems on any truckmount offered today. The design goal of the 575 solution system was to extract the greatest possible energy from available sources while virtually eliminating the need to dump heated water as a means to control over-temperature. This led to the development of the industry's first water conservation system.



The 575 initially passes water through a heat exchanger, utilizing the heat in the engine coolant before the radiator passes it into the atmosphere. Then, the 575 incorporates a large cross-flow heat exchanger to transfer energy into the circulating water from the combined blower and engine exhaust streams. Years of experience and engineering effort have led to the design of the new heat exchanger in the 575.

Although it might look relatively simple from the outside, it has been optimized by balancing such factors as tube material and diameter, fin density, the number of tubes per square inch, the number of tube rows and the number of passes water makes through the high-temperature gas flow. This new,

intelligent design delivers not only high heat, but also consistent high heat. Consistent high heat means less sweat for you.

The 575 also incorporates an innovative diverter valve designed to control exhaust-gas flow within the heat exchanger. A rugged electronic temperature controller operates the bypass system, based directly on solution temperature, providing a system that can allow as long as 40 minutes of inactivity under full vacuum load without releasing hot water to the recovery tank and without overheating the water, which dramatically reduces streaking.

Not only is hot water not wasted for temperature control, but no fresh water is wasted for non-cleaning use. The need to empty the recovery tank and refill a fresh water tank is reduced, a major cost saver and productivity booster for your company. Overall, the Titan 575 is a highly optimized truckmount system, efficient with fuel and water, allowing the carpet cleaning professional to work smarter.

For more details on the Titan 575, visit HydraMaster Corporation on the web at www.hydramaster.com or contact an experienced account executive at 1-800-426-1301.



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