

How to Use This Handbook

If you already know the product that you want information on, find the product page in the Table of Contents. Detailed product information on materials, ratings, dimensions, weights and applications are found in the Products Sections. General application and design information is in the Primer Section.

If you are not sure of what you need, collect all the following information. You will need it to select the right product for your needs.

Service (i.e.: Steam, Compressed Air, Water, etc.)

Inlet Pressure

Flow Rate (or Capacities)

Outlet or Condensate Return Pressure

Application (i.e.: Condensate Removal, Pump, Pipe Couplings, etc.)

Application data is listed on all Product Pages. If you identify the nature of the installation, it will assist you selecting the proper equipment.

WHAT KIND OF TRAP IS NEEDED?

Bucket? F&T? Disc? Steam Pump? First the objective must be defined - then a trap must be chosen. If pumping is required then a condensate commander must be selected. Once the requirements for condensate removal have been defined, the primer section may be consulted to best match product characteristics to the application at hand. Following the primer section the trap selection guide should help refine the search. For those who possess a basic understanding of traps and the Nicholson product line, starting with the trap selection guide may be appropriate.

Once the application parameters have been defined (e.g. condensate removal from a 70 psi steam system, drip leg application, continuous duty, 180 lb/hr condensate flow) and a design of trap decided upon (e.g. thermostatic, carbon or stainless steel construction, 200 psi minimum operating pressure, integral strainer) the product section should be consulted to determine the range of traps available. Often several traps may meet the need. General preferences such as repairable design versus sealed, maintenance free designs, size and piping configuration, and cost are a few considerations that will help select a specific type trap.

ECONOMICAL, LONG LIFE, OR BEST SUITED FOR THE APPLICATION

Unfortunately, the best trap for an application may not necessarily be the least expensive or have the longest life span. Typically, other considerations such as ease of maintenance, initial cost, piping considerations, etc may influence trap selection. The product section will outline will list all pertinent specifications including overall length and features that may influence trap selection.

HOW TO FIND NICHOLSON TRAPS

Nicholson Steam Traps are manufactured and stored in Walden, New York, a village located in the lower Hudson Valley about 60 miles north of New York City. Nicholson goes to market through Manufacturers' Representatives and Stocking distributors across the country. To find the nearest stocking location, contact the Nicholson factory at 845-778-4044 or visit our web site at www.nicholsonsteamtrap.com.