

Form #TERMGUIDE

Due to the custom configuration of nearly every sprayer manufactured by PBM we are unable to produce a parts breakdown of each piece of equipment. Realizing the importance of the end user obtaining replacement parts we have developed this glossary for the dealers and the end user. Some of the terminology used in this glossary may be specific to PBM, but for the most part the terms will be industry standards.

Illustrated Terminology Guide

Pipe Fittings and Adapters: Most fittings are available in Polypropylene, Brass, Stainless Steel and Black Iron

Ell or Elbow - A 90 degree female pipe thread, (FPT), fitting
Ells are also available in 45 degree angles



Street Ell or Elbow - A 90 degree female pipe thread, (FPT), by male pipe thread, (MPT), fitting. *Street Ells are also available in 45 degree angles*



Threaded Tee – A female pipe thread, (FPT), 3 way fitting



Threaded Cross – A female pipe thread, (FPT), 4 way fitting



Pipe Nipple – A straight male threaded fitting, (A Close nipple, *the shortest*, is shown here.) Describe pipe thread diameter and length. *i.e. 3/4" X 6" is 3/4" dia. And 6" long*



Hose mender or Hose Barb mender – Describe inside diameter of hose



Operators Illustrated Terminology Guide

Pipe Fittings and Adapters: Most fittings are available in Polypropylene, Brass, Stainless Steel and Black Iron

Straight Hose Barb Adapter or Barb Adapter – A straight MPT fitting by hose barb. Describe thread size and inside diameter, (I.D.) of hose.



Elbow Hose Barb Adapter or Barb Adapter – A straight MPT fitting by hose barb. Describe thread size and inside diameter, (I.D.) of hose.



Threaded Cap – A female pipe thread, (FPT), cap



Threaded Plug – A male pipe thread, (MPT), cap



Reducer Bushing – Larger MPT to smaller FPT. Reference both when ordering



King Nipple – Same as Straight Hose Barb Adapter, usually referenced with larger diameter, (*1-1/2" and up*), fittings



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Sprayer Components:

Pressure Relief Valves, (PRV), or Bypass Valves – Illustrated below are the most common valves used by PBM. The model numbers are usually stamped in the valve bodies.



Throttling Valves – Used primarily with centrifugal pump systems. Illustrated below are the most common valves used by PBM. The model numbers are usually stamped in the valve bodies.



Liquid Filled Gauge – Glycerin filled gauge, (*Superior to dry gauges for spray applications. Reduce needle bounce due to pulsation.*) When ordering specify desired pressure range and chemicals that will come into contact with the gauge base.



Dry Gauge – When ordering specify desired pressure range and chemicals that will come into contact with the gauge base.



Illustrated Terminology Guide

Sprayer Boom Components:

Boom Clamp or Nozzle Clamp – Attaches the nozzle body to the boom structure. Specify the size of tubing the clamp will go on.



Quick Jet Nozzle Body – Specify the inside diameter of hose on boom. Available with 1-barb or ell, two-barb or Tees, (*Shown*), and 3-barb.



Quick Jet Diaphragm Nozzle Body – Specify the inside diameter of hose on boom. Available with 1-barb or ell and two-barb or Tees, (*Shown*).



Nozzles or Tips – Specify nozzle type and color. The part number is molded on the face of the nozzle. The standard nozzle sold on a PBM boom is #TP11002VP



Quick Jet Caps – Specify nozzle type and color. The part number is molded into the face of the cap.

