

TURBODRAFT™

F I R E E D U C T O R

2.5" Compact Fire Eductor Model TD-25

- Lightweight design sets up in minutes with minimal personnel using 63.5mm and 38mm coupled hose lines
- No need for cumbersome hard suction hose
- Gain access to static water sources previously unreachable using traditional drafting techniques
- Usable in lakes, ponds, streams, rivers, canals, swimming pools, etc.
- Generate usable fire flow rates of 985 Lpm or more
- Suitable for wildland fire fighting operations
- Compact design allows for easy storage onboard brush trucks and marine vessels
- Interchangeable strainer configurations
- Ideal for emergency dewatering and flood mitigation
 - Salvage & Overhaul
 - Ships & Watercraft
 - Basements
 - Below-grade Vaults, Tanks & Vessels



NO HYDRANT - NO PROBLEM



PT Hydraulics Australia Pty Ltd

19 Ricketts Road

Mt Waverley,

VIC 3149

P: 03 9562 8800

F: 03 9562 8080

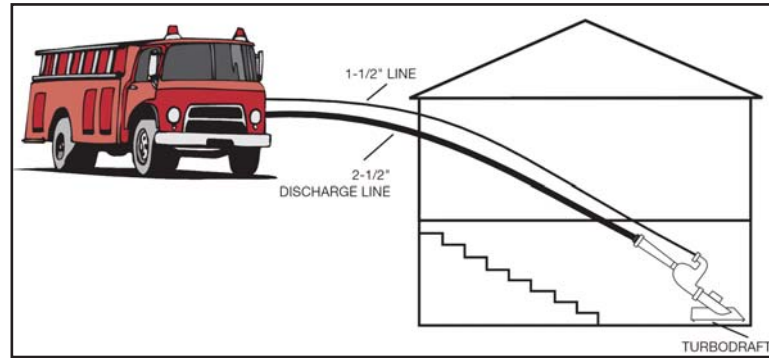
E: sales@pthydraulics.com.au





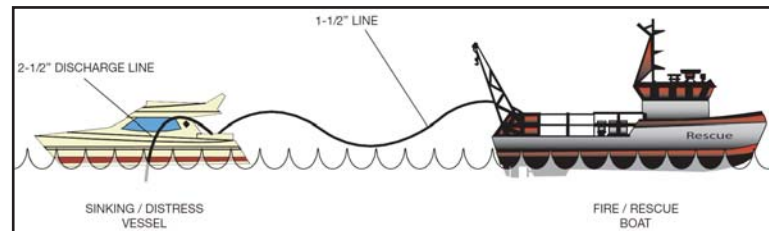
Model TD-25 Turbo Draft Fire Eductor outfitted with a basement strainer

FLOOD MITIGATION & WATER TRANSFER



TurboDraft can also be employed in emergency flood situations. TurboDraft's ability to transfer large volumes of water in a short amount of time makes it a critical piece of equipment for dewatering basements and other low-lying areas where water collects.

MARINE DE-WATERING



2 1/2" TurboDraft unit can be utilized to dewater marine units during emergency situations. The unit is submerged into the lowest possible point on the vessel in distress. A 1 1/2" line is pumped from the rescue boat (70 gpm @ 150 psi) to the TurboDraft and a 2.5" line is discharged from the TurboDraft over the gunnels of the distressed vessel.

DISTANT WATER SOURCE SITUATION*

Length of 2.5" Hose	Lift	Pump Discharge Pressure PSI / KPA	Max Avail. Fire Flow Lpm
15m	10	189 / 1303	1000
	20	189 / 1303	700
30m	10	194 / 1337	847
	20	194 / 1337	595
45m	10	199 / 1372	715
	20	199 / 1372	485
60m	10	204 / 1406	655
	20	204 / 1406	416

* Theoretically based on test curves of 9/21/99 and hose friction loss per NFPA Fire Protection Handbook, 15th Edition, Table 17-7H, actual friction losses may vary depending upon hose and coupling design/manufacture

Fire Departments are always in need of creative solutions to handle a multitude of emergency situations. Schutte & Koerting's 2.5" TurboDraft Fire Eductor (Model TD-25) is designed to assist rural and wildland firefighters in accessing static water sources outside the reach of traditional drafting techniques. Furthermore, the 2.5" TurboDraft Fire Eductor is a valuable piece of equipment for dewatering operations during flood emergencies.

The 2.5" TurboDraft Fire Eductor is easy to deploy in emergency flood situations such as dewatering basements, truck docks, below grade vaults and tanks as well as marine vessels.

The unit's light weight and compact size combined with the ability to outfit the eductor with a variety of strainer configurations makes the 2.5" TurboDraft Fire Eductor a versatile emergency service tool. The unit requires a standard 1.5" coupled hose line delivering approximately 265 Lpm at 150 psi. This flow rate creates the Venturi effect; educting over three times this volume as the usable fire flow or dewatering amount. Fitted with the standard barrel strainer, the unit weighs 10kg.