

# TANK VENT FAN

Woodcock and Wilson manufacture a cost effective single inlet direct driven centrifugal fan with a high performance for the introduction of fresh air to provide for a safe working environment and for gas freeing of oil and chemical tanks. Fans are fully portable so can be used on many vessels.



Tank Ventilation Fan

## TECH/SPEC

Volume up to **6m<sup>3</sup>/sec**  
Ducting up to **30mtrs**

### arrangement



### impeller types

BFN centrifugal fan with flat backward inclined blades, direct driven.

### ATEX

ATEX (II 2/3/G/D T1-T6) specifications available for hazardous areas.

### motors

17.0 kW 1752 rpm foot mounted, EExd, IIB, T4, IP55, TEFV, 440v/3ph/60Hz. Control box with DOL contactor, EExd enclosure with on and off buttons, 20m of cabling with EExd gland at starter end. (Plugs and sockets for remote connection not supplied)

### extra features

Each fan provides for up to six separate 250mm flexible connections to the tank via flexible ducting and each leg is adjustable to suit local the conditions. Each diffuser has a shut-off damper with stainless steel spindles, handles and blades. Fans are mounted on heavy duty solid tyre wheels with roller bearings having double swivel and lockable wheels at each side for ease of movement around the deck and fan has multiple lifting points to enable relocation to other vessels or site. Air inlet is fitted with substantial guard.

# USEFUL INFORMATION

Whilst in today's safety conscious work place the preferred option is of no-man entry into a confined space, in the necessary event of man-entry for tank cleaning, the requirement is for an extensive range of breathing apparatus, gas monitoring equipment and supply of fresh air.

This provision for the introduction of fresh air provides for a safe working environment and gas freeing of tanks and therefore becomes paramount for the safe working environment for those involved in tank cleaning.

Woodcock & Wilson can provide a portable, electrically driven unit to provide fresh air for the safety of workers and of the vessels while cleaning of storage holds and tanks takes place. Various paint finishes and colours are available. Please enquire.



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