

Large Air Mover Kit

PRG271 - LARGE AIR MOVER KIT

PRG271-WB - LARGE AIR MOVER KIT WITH CONTAINER



The Large Air Mover Kit is designed to rapidly and safely ventilate aircraft fuel tanks. Large wing tanks can be purged in approximately 45 minutes. Continuous ventilation of the tank can be supplied to improve the working conditions within the tank.

Key benefits to the system include:

- Simple to set up and operate.
- Reduces aircraft down time with rapid ventilation using the large air mover.
- Safely remove fumes from work area using the supplied anti-static ducting.
- Compact and convenient storage container available.
- Ease of maintenance due to no moving parts.
- ATEX approved anti-static components.
- In use on Airbus and Boeing aircraft.



The Large Venturi Air Mover is capable of a free flow rate of up to 3330CFM (5659m³/hour) at 80psig. It is used to rapidly ventilate the tank.



Wing tank adaptor provides an interface with the aircraft's wing opening.



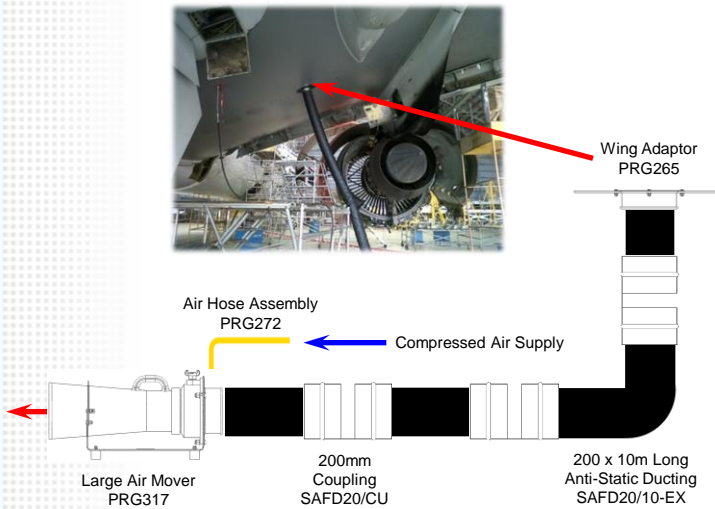
The Medium Venturi Air Mover is compact yet still provides a free flow rate of 1440CFM (2006m³/hour) at 80psig. This unit can be used while personnel are in the fuel tank to maintain a safe and comfortable working environment.



Couplers, ducting and the Y-Piece allow the system to be easily configured, allowing the hazardous fumes to be extracted from the hanger.

EXAMPLE CONFIGURATIONS

Large Air Mover Wing Tank Configuration

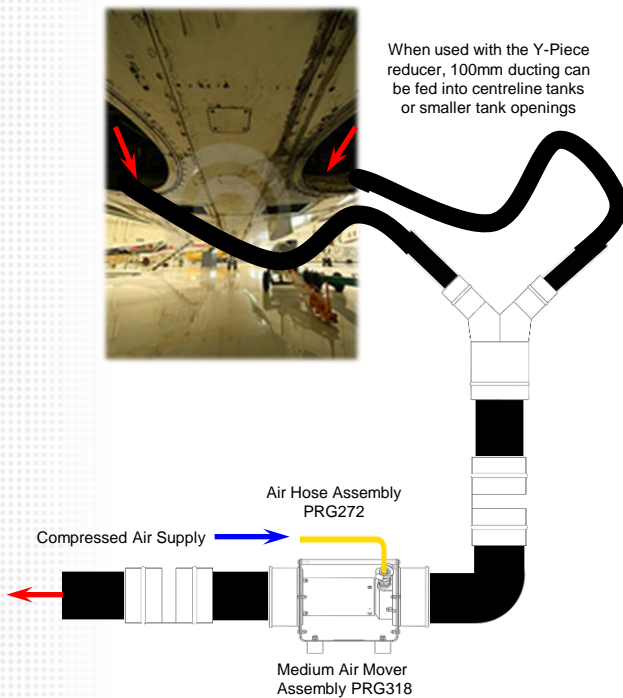


The Large Air Mover Kit can be configured to accommodate almost any aircraft configuration.

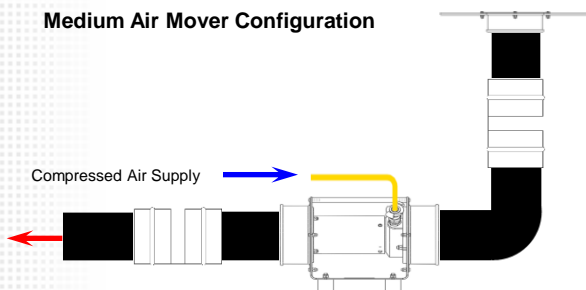
The system can be used to either purge or ventilate wing and centreline fuel tanks.

A generic aircraft wing adaptor is supplied but additional aircraft specific options are available on request.

Centre Tank Configuration



Medium Air Mover Configuration



The Medium Air Mover can be used to extract air from the tank or if turned around, blow fresh air into the tank to improve the work environment.

Item Ref	Description	Part Number	Kit Quantity
1	Medium Air Mover Assembly	PRG318	1
2	15m Long Air Hose Assembly	PRG272	2
3	200mm Diameter x 10m Long Anti-Static Ducting with Carry Bag	SAFD20/10-EX	4
4	200mm Diameter Coupling	SAFD20/CU	3
5	Wing Adapter Assembly	PRG265	2
6	200mm Diameter to 100mm Adapter Assembly	SAFD20/10-YC	1
7	100mm x 5m Anti-Static Ducting	SAFD10/05-EX	2
8	Large Air Mover Assembly	PRG317	1
9	Large Air Mover Container	PRG298	1

Note: Container only included in PRG271-WB