

Multi Aircraft Air Mover Kit

PRG460 – MULTI AIRCRAFT AIR MOVER KIT

PRG460-NB - MULTI AIRCRAFT AIR MOVER KIT (NO CONTAINER)



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.



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.

The Multi Aircraft Air Mover Kit is designed to rapidly and safely ventilate aircraft fuel tanks. The kit has been designed to be compatible with, but not limited to, the following aircraft:-

- Airbus A320, A330, A340, A350
- BAE 146/Avro RJ
- Boeing 737, 747, 767, 777
- Bombardier Q400
- Embraer 175/195

Large wing tanks can be purged in approximately 45 minutes. Alternatively, 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, optionally fitted with castors.
- Ease of maintenance due to no moving parts.
- ATEX approved anti-static components.
- Component used on Airbus and Boeing aircraft kits.



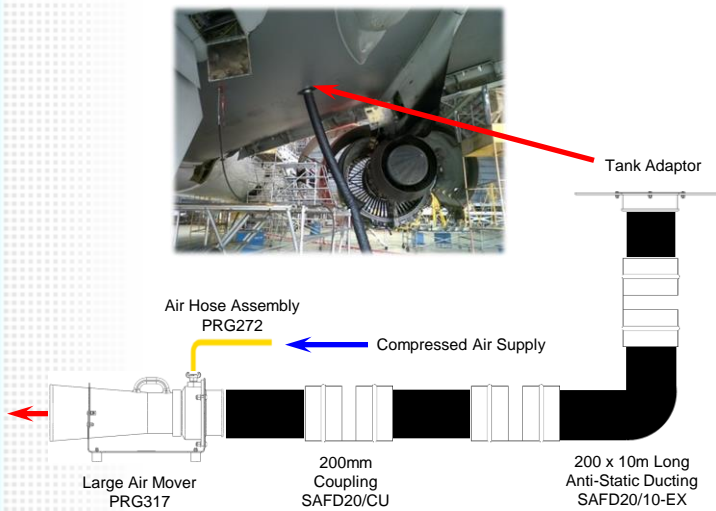
Wing tank adaptor provides an interface with the aircraft's wing opening.



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

Single Tank Purging Configuration

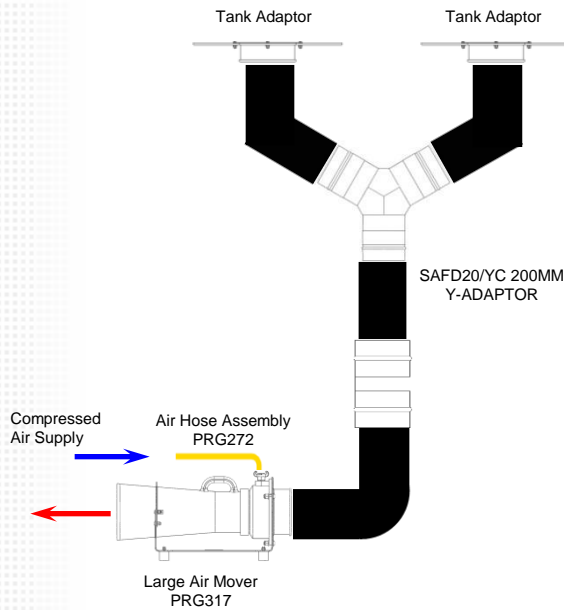


The Multi Aircraft Air Mover Kit can be configured to accommodate almost any aircraft configuration.

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

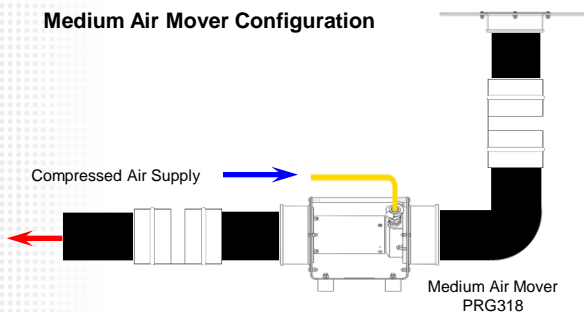
An additional pair of generic aircraft wing adaptors are supplied but additional aircraft specific options are available on request.

Double Tank Purging Configuration



The Medium Air Mover can also be used in this configuration but will not be as time efficient.

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	Universal Wing Adaptor Assembly	PRG265	2
2	15m Long Air Hose Assembly	PRG272	2
3	Large Air Mover Assembly	PRG317	1
4	Medium Air Mover Assembly	PRG318	1
5	Bombardier Q400 Tank Adaptor	PRG451	2
6	BAE 146/RJ Tank Adaptor	PRG457	2
7	Embraer 175/195 Tank Adaptor	PRG458	2
8	200mm x 10m Anti-Static Ducting	SAFD20/10-EX	2
9	200mm Diameter Coupling	SAFD20/CU	3
10	200mm Diameter Y Adaptor Assembly	SAFD20/YC	1
11	Large Air Mover Container	PRG459	1

Note: Container only included in PRG271-WB. Optional castor kit (PRG402) can be fitted to container.