

**DELTA  
FIRE**



# RAMFAN WATER DRIVEN PPV FANS

**WF20 / WF390**

## KEY USERS

- Naval Fleets
- Defence Sectors
- Fire & Rescue Services
- Industrial & Utilities
- Marine & Off-Shore
- Mining

## KEY FACTS

- Water Driven
- Unlimited Run Times
- AMCA Certified Airflows
- As Used by Global Naval Fleets (WF20) for over 20 years
- Low Maintenance
- Rugged Construction



**WF390 RamFan**

Doc Ref: DDS094

**DELTA FIRE**

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## GENERAL DESCRIPTION

Delta Fire have a long heritage of supply of the water driven RamFan's to some of the largest global Naval Fleets. No portable blower in the world compares to the smoke removal rates of the RamFan WF20 when connected to 10" or 12" Ducting.

Warships require powerful suction to remove smoke from internal spaces deep within the ship and traditionally the WF20 is fitted with multiple interconnectable lengths of ducting to access hard to reach compartments quickly and efficiently entraining smoke out of the ship into the open air.

The WF20 uses the water pressure of a fire hose and patented turbine coupled to a highly efficient fan blade to generate high-velocity, high-pressure airflow. Manufactured in corrosion resistant materials the WF20 requires infrequent and simple maintenance.

The smaller WF390 PPV fan provides lightweight wheeled portability and an impressive 17,417 cfm airflow and is ideally suited to any applications where a pressurised water supply exists.

## TECHNICAL DATA

WF390 40cm (16") Water Driven PPV			Product Code: MIS040000			
Motor	Noise Level	Airflow (AMCA Certified)	Runtime @ max speed	Impeller	Weight	Dims (cm)
2.1HP / 1.6kW	91 dB@ 1 m 86 dB @ 3 m	17,417 m <sup>3</sup> /hr	Unlimited	7-Blade Turbo-Force	27kg	58 x 43 x 41

WF20 20cm (8") Water Driven PPV		Product Code: MIS050000A			
WF20 Ducting		Product Code: HOM000040			
Motor	Airflow (AMCA Certified)	Pressure/Flow	Run Time	Weight	Dims (cm)
4.6HP@10 bar / 8.0HP@17 bar	28,069 m <sup>3</sup> /hr @17 bar	110lpm @ 2.7 bar 280lpm @ 17 bar	Unlimited	15.9kg	40 x 31 x 31
<b>RamFan WF20 to Royal Navy Specifications</b> 2 ½" Instantaneous Inlet/Outlet / Zag Couplings / Intrinsically Safe around Flammable Gasses (Electrical Continuity)			<b>NSN: 0565 /4140-99-051-5733</b>		
<b>WF20 Ducting (5m x 300mm) – 4 per fan as standard</b>			<b>NSN: 0565 /4130-99-930-5937</b>		



WF390



WF20



WF20 Ducting (5m x 300mm)



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