

01 de outubro de 2021 | Nº 022

## CONSULTA À INDÚSTRIA

Prezado(a),

O Cluster Tecnológico Naval do Rio de Janeiro divulga consulta à indústria da **SPE Águas Azuis Tecnologia Naval**, responsável pela construção de quatro fragatas Classe Tamandaré para a Marinha do Brasil, em busca de empresas que forneçam **Damage Control Equipment Portable Ventilators**.

- **Atenção!** Somente serão aceitos fornecedores que já produziram este tipo de sistema completamente no Brasil, a fim de atender a cláusula contratual de Conteúdo Local.
- Importante indicar se há experiência de fornecimento para indústria naval, particularmente em projetos militares, e se já são fornecedores homologados pela Marinha do Brasil.
- Abaixo, pode ser encontrado um exemplo do produto buscado pela **SPE Águas Azuis Tecnologia Naval**.

Desejamos sucesso em seus negócios! Empresas que se interessarem pela demanda devem enviar email para [oportunidades@clusternaival.org.br](mailto:oportunidades@clusternaival.org.br) contendo as seguintes informações para posterior contato: **Nome da Empresa, CNPJ, telefone para contato, e-mail, pessoa de contato, produto e experiência de fornecimento na indústria Naval, se houver.**

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**IMPORTANTE** - Os interessados devem buscar as informações no Edital de Licitação como prioritárias. Este Informativo não faz parte do referido Edital de Licitação.

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Walter Lucas da Silva  
Diretor-Presidente do Cluster Naval

## Exemplo do produto procurado:

# WF20

8"/20 cm

*Safest & Most Powerful Portable Ventilator in the World*

No portable blower in the world compares with the smoke removal rates of the WF20 connected to ducting from 10" to 12". Warships at general quarters require powerful suction to remove smoke from interior spaces. The WF20 suctions the smoke from the affected areas through long lengths of ducting to the outside air.

The WF20 blower uses the water pressure energy of a fire hose and a patented turbine, coupled to a high-efficiency fan blade, to generate high-velocity, high-pressure airflow. The modular construction, choice of corrosion-resistant materials and simplicity assures infrequent and simple maintenance.

### Specifications

MODEL	WF20
Part #	WA5001BSP / WA5001NH / WA5001N
Ducted Airflow	1,835 cfm @ 150 psi 3,120 m <sup>3</sup> /hr @ 1.0 MPa
PPV Airflow (with Multiplier)	13,125 cfm @ 150 psi (22,313 m <sup>3</sup> /hr @ 1.0 MPa) 16,511 cfm @ 250 psi (28,069 m <sup>3</sup> /hr @ 1.7 MPa)
Weight	35 lbs / 15.9 kg
Dimensions (h/w/d)	16 x 12 x 12 in / 40 x 31 x 31 cm
Pressure/Flow	<b>Nominal:</b> 40 psi/29 gpm (0.3 MPa/109 lpm) <b>Max:</b> 250 psi/94 gpm (1.75 MPa/355 lpm)
Power	4.6Hp @ 150 psi (3.4 kW @ 1.0 MPa) 8Hp @ 250 psi (6kw @ 1.7 MPa)
Connections	1.5" (3.8 cm) NST (NH), NPSH, or BSP male connections
Certifications	AMCA CE

Patent turbine design operated with 40 psig to 250 psig inlet water pressure to produce 2,900 cfm (5,000 m<sup>3</sup>/hr) airflow



### Design and Performance

- Standard of the U.S. Navy, Royal Navy, French, ANZAC and others
- Water powered, intrinsically safe
- Operates from the fire mains and overboard drainage
- 4.6 Hp@150psi (3.4 kW@1.0 MPa)
- Dual Purpose: Ducted and Positive Pressure Ventilation
- Water/air couplings to customer specifications

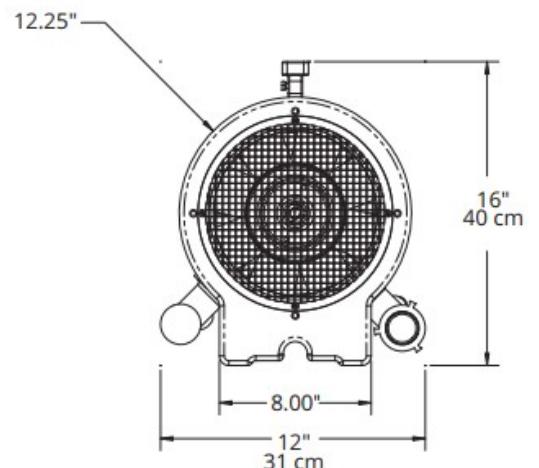
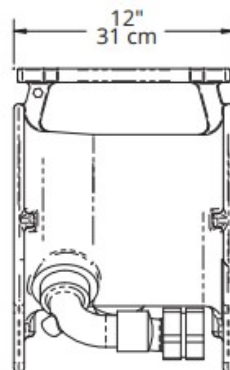
### Options

Optional adapter can be fitted with ZAG Ø 300mm connectors for fast hook up and deployment (included in WA5001GL)



Strainer adapter goes from 2.5" BSP to 1.5" BSP included in WA5001BSP & WA5001GL

### Dimensions



## ORDER NUMBERS:

Order #	Description
WA5001BSP	WF20 Blower with 1.5" (3.8 cm) BSP Male Connections
WA5001GL	WF20 Blower with 1.5" (3.8 cm) BSP (water)/AFNOR DN 300 Type M duct couplers NATO 4140-99-0
WA5001N	WF20 Blower with 1.5" (3.8 cm) NPSH Male Connections
WA5001NH	WF20 Blower with 1.5" (3.8 cm) NST (NH) Male Connections
4140-01-333-2224	WF20 Kit - U.S. Navy version Blower with 4 x Duct (DT-1015DVI-3) and 2 x Adapters (WA0411)

## ACCESSORIES:

### Multiplier/Mister

NSN:4140-01-414-0670  
Order# WA0802

### Multiplier/Mister with ZAG Adapter

NATO: 4140-01-600-6117  
Order# WA0802-AFNOR

### Strainer Adapter

For use with BIC, Guillemín and storz couplings  
Order# WA2810

### Blower ZAG adapter

Order# ZAGAY

### Multiplier/Mister

ZAG Adapter  
Order# ZAGAY-2

### Duct

Neoprene Coated  
US Navy Standard (10"x15') (25 cm x 4.6 m)  
US NSN: 4720-01-378-6044  
US NSN: 4140-01-457-9527  
Order# DT-1015DVI-3

### 12" (30 cm) wire reinforced duct

NATO 4130-99-930-5937  
Order# WA0721

### Duct Adapter

10" (25 cm) with Snap-Lock – 2 required/blower  
NSN: 4730-01-378-5288  
Order# WA0411

### 12" (30 cm) for use with belted duct – 2 required/blower

Order# WA0511

### AFNOR DN 300 Type M (French Norm)

Order# WA0711



Multiplier/Mister



Duct Adapter



Neoprene Duct