



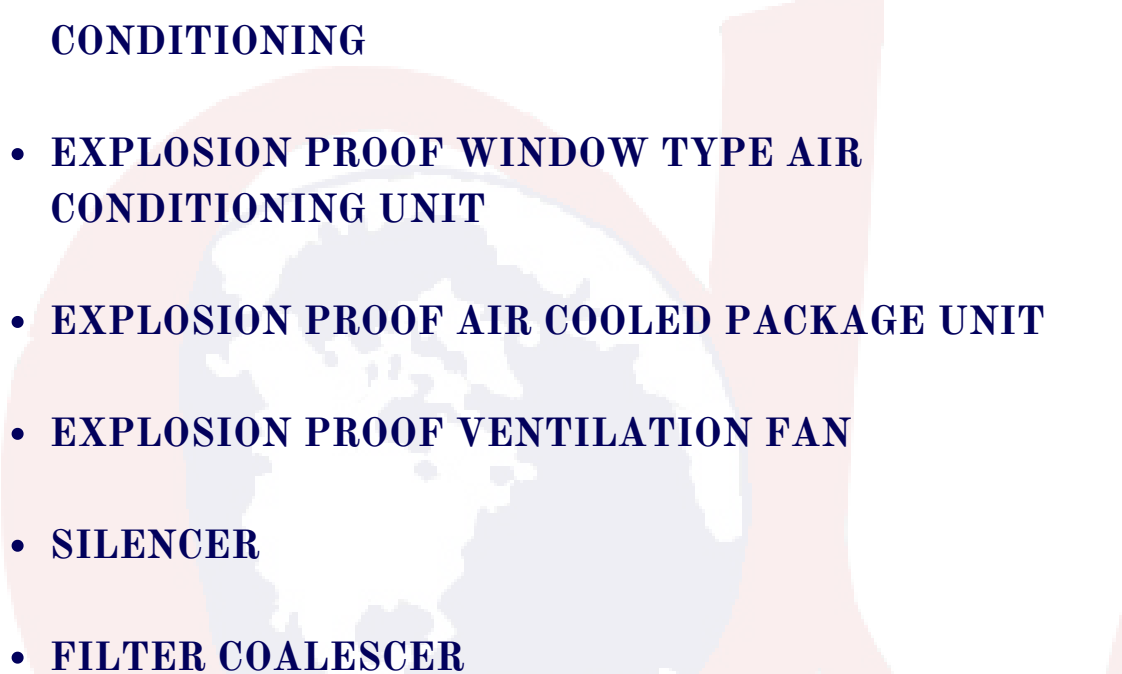
# **AGV OFFSHORE SDN BHD**

## PRODUCT CATALOG

“Creating the right indoor environment is a challenge we understand. That is why our approach in the industry is to provide custom-engineered solutions to meet your needs.”

EPCC CONTRACTING COMPANY:  
HEATING, VENTILATION AND AIR CONDITIONING & REFRIGERATION  
(HVAC-R), FIRE FIGHTING SYSTEM & ELECTRICAL WORKS

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- **EXPLOSION PROOF SPLIT UNIT AIR CONDITIONING**
  - **EXPLOSION PROOF DUCTED SPLIT UNIT AIR CONDITIONING**
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  - **EXPLOSION PROOF AIR COOLED PACKAGE UNIT**
  - **EXPLOSION PROOF VENTILATION FAN**
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  - **FILTER COALESCER**
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**EXPLOSION PROOF SPLIT UNIT  
AIR CONDITIONING**

# AGV-NDS-EX SERIES EXPLOSION PROOF SPLIT UNIT AIR CONDITIONING

Cooling Capacity: 9,000 BTU/H to 50,000 BTU/H



AGV-NDS-EX Split Air Conditioning Series are robustly designed and constructed for use in the hazardous offshore, marine and petrochemical environment. Materials and components are selected to provide resistance to corrosion, long service life and optimum reliability along with standardization of common components across the range to provide resistance to corrosion, long service life and optimum reliability along with standardization of common components across the range to ensure spare parts are always readily available at competitive prices. AGV-NDS-EX is designed in accordance to AHRI 410-2011 standard & meet ASHRAE Standard 90.1 Energy Efficiency Code.

## Features:

- Range of cooling capacities from 9,000 Btu/h to 50,000 Btu/h
- Compactly designed to have minimal footprint.
- Constructed from Stainless Steel and G.I for outdoor unit.
- Optimized drive ensures lower noise and reduced vibration system.
- Suitable for Zone 1, Zone 2 or Marine environment.
- Copper Fin coil for durability.
- Anti Static Fan



INDOOR UNIT – SAFE AREA/EX



INDOOR UNIT – SAFE AREA

## Typical Application:

This equipment is suitable for providing climate control in the following typical applications:

- Drilling Cabin
- Control Rooms
- Laboratory
- Mud logging units
- Accommodation modules
- Workshops
- E-House Modules



OUTDOOR UNIT – HAZARDOUS

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# AGV-NDS-EX SERIES EXPLOSION PROOF SPLIT UNIT AIR CONDITIONING

Cooling Capacity: 9,000 BTU/H to 50,000 BTU/H

## RANGE - CAPACITY

MODEL		WALL MOUNTED / CEILING EXPOSED / CEILING CASSETTE / FAN COIL UNIT						
		AGV-NDS-EX-009	AGV-NDS-EX-015	AGV-NDS-EX-020	AGV-NDS-EX-025	AGV-NDS-EX-030	AGV-NDS-EX-040	AGV-NDS-EX-050
Total Cooling Capacity	Btu/hr	9,000	15,000	20,000	25,000	30,000	40,000	50,000
Refrigerant	Type	HOMOGENEOUS AND NON-HOMOGENEOUS						
Power Source	V/Ph/Hz	AS PER CLIENT'S REQUIREMENT						

**Note:**

1. Due to our policy of innovation, all specifications are subjected to change without prior notice.
2. All units are being comply to international standards such as ISO 5151 and AHRI 210/240.
3. All specifications are subjected to change by the manufacturer without prior notice
4. The cooling capacity stated for reference; kindly approach AGV for customized capacity as well as the dimension of the equipment.

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**EXPLOSION PROOF DUCTED  
SPLIT UNIT AIR CONDITIONING**

# AGV-DS-EX SERIES EXPLOSION PROOF DUCTED SPLIT UNIT AIR CONDITIONING

Cooling Capacity: 60,000 BTU/H to 1,000,000 BTU/H



AGV-DS-EX Split Air Conditioning Series are robustly designed and constructed for use in the hazardous offshore, marine and petrochemical environment. Materials and components are selected to provide resistance to corrosion, long service life and optimum reliability along with standardization of common components across the range to ensure provide resistance to corrosion, long service life and optimum reliability along with standardization of common components across the range to ensure spare parts are always readily available at competitive prices. AGV-DS-EX is designed in accordance to AHRI 410-2011 standard & meet ASHRAE Standard 90.1 Energy Efficiency Code.

## Features:

- Range of cooling capacities from 60,000 Btu/h to 1,000,000 Btu/h
- Compactly designed to have minimal footprint.
- Constructed from Stainless Steel and G.I for outdoor unit.
- Optimized drive ensures lower noise and reduced vibration system.
- Suitable for Zone 1, Zone 2 or Marine environment.
- Copper Fin coil for durability.
- Anti Static Fan



OUTDOOR UNIT – HAZARDOUS



INDOOR UNIT – SAFE AREA

## Typical Application:

This equipment is suitable for providing climate control in the following typical applications:

- Drilling Cabin
- Control Rooms
- Laboratory
- Mud logging units
- Accommodation modules
- Workshops
- E-House Modules

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# AGV-DS-EX SERIES EXPLOSION PROOF DUCTED SPLIT UNIT AIR CONDITIONING

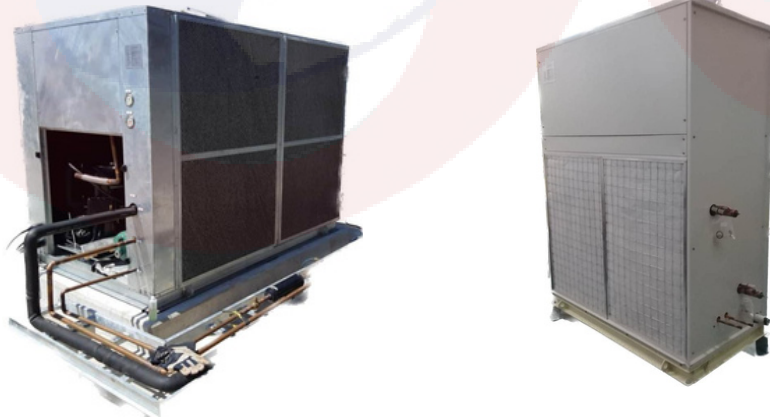
Cooling Capacity: 60,000 BTU/H to 1,000,000 BTU/H

## RANGE - CAPACITY

MODEL		AGV-DS-EX-0060	AGV-DS-EX-0100	AGV-DS-EX-0200	AGV-DS-EX-0300	AGV-DS-EX-0500	AGV-DS-EX-0700	AGV-DS-EX-1000
Total Cooling Capacity	Btu/hr	60,000	100,000	200,000	300,000	500,000	700,000	1,000,000
Refrigerant	Type	HOMOGENEOUS AND NON-HOMOGENEOUS						
Power Source	V/Ph/Hz	AS PER CLIENT'S REQUIREMENT						

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**EXPLOSION PROOF WINDOW**  
**TYPE AIR CONDITIONING UNIT**

# AGV-WUM-EX SERIES EXPLOSION PROOF WINDOW TYPE AIR CONDITIONING UNIT

Cooling Capacity: 9,000 BTU/H to 24,000 BTU/H



AGV-WUM-EX Window Type Air Conditioning Series are robustly designed and constructed for use in the hazardous offshore, marine and petrochemical environment. Materials and components are selected to provide resistance to corrosion, long service life and optimum reliability along with standardization of common components across the range to ensure spare parts are always readily available at competitive prices. AGV-WUM-EX is designed in accordance to AHRI 410-2011 standard & meet ASHRAE Standard 90.1 Energy Efficiency Code.

## Features:

- Range of cooling capacities from 9000 Btu/h to 24000 Btu/h
- Compactly designed to have minimal footprint.
- Constructed from Stainless Steel and G.I for outdoor unit.
- Optimized drive ensures lower noise and reduced vibration system.
- Suitable for Zone 1, Zone 2 or Marine environment
- Copper Fin coil for durability
- Anti Static Fan



## Typical Application:

This equipment is suitable for providing climate control in the following typical applications:

- Drilling Cabin
- Mud logging units
- Accommodation modules
- Workshops
- E-House Modules

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# AGV-WUM-EX SERIES EXPLOSION PROOF WINDOW TYPE AIR CONDITIONING UNIT

Cooling Capacity: 9,000 BTU/H to 24,000 BTU/H

## RANGE - CAPACITY

MODEL		AGV-WUM- EX-009	AGV-NDS- EX-012	AGV-NDS- EX-018	AGV-NDS- EX-024
Total Cooling Capacity	Btu/hr	9,000	12,000	18,000	24,000
Refrigerant	Type	HOMOGENEOUS AND NON-HOMOGENEOUS			
Power Source	V/Ph/Hz	AS PER CLIENT'S REQUIREMENT			

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**EXPLOSION PROOF**  
**AIR COOLED PACKAGE UNIT**

# AGV-ADP-EX SERIES EXPLOSION PROOF AIR COOLED PACKAGE UNIT

Cooling Capacity: 10,000 BTU/H to 1,000,000 BTU/H

AGV-ADP-EX Air Cooled Package Unit Series are robustly designed and constructed for use in the hazardous offshore, marine and petrochemical environment. Materials and components are selected to provide resistance to corrosion, long service life and optimum reliability along with standardization of common components across the range to ensure spare parts are always readily available at competitive prices. ADP-EX is designed in accordance to AHRI 410-2011 standard & meet ASHRAE Standard 90.1 Energy Efficiency Code.

## Features:

- Range of cooling capacities from 10,000 Btu/h to 1,000,000 Btu/h
- Compactly designed to have minimal footprint.
- Constructed from Stainless Steel or Powder Coated or Hot Dipped Galvanized.
- Optimized drive ensures lower noise and reduced vibration system.
- Suitable for Zone 1, Zone 2 or Marine environment.
- Copper Fin coil for durability.
- Anti Static Fan



## Typical Application:

This equipment is suitable for providing climate control in the following typical applications:

- Drilling Offices
- Control Rooms
- ROV Power / Control Cabins
- Laboratory modules
- Accommodation modules
- Workshops
- Analyzer Houses
- Filed Auxiliary Room (FAR)
- Sub-Station Building
- Custody Metering Room

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# AGV-ADP-EX SERIES EXPLOSION PROOF AIR COOLED PACKAGE UNIT

Cooling Capacity: 10,000 BTU/H to 1,000,000 BTU/H

## RANGE - CAPACITY

MODEL		AGV-ADP-EX-0010	AGV-ADP-EX-0100	AGV-ADP-EX-0200	AGV-ADP-EX-0300	AGV-ADP-EX-0500	AGV-ADP-EX-0700	AGV-ADP-EX-1000
Total Cooling Capacity	Btu/hr	10,000	100,000	200,000	300,000	500,000	700,000	1,000,000
Refrigerant	Type	HOMOGENEOUS AND NON-HOMOGENEOUS						
Power Source	V/Ph/Hz	AS PER CLIENT'S REQUIREMENT						

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**EXPLOSION PROOF**  
**VENTILATION FAN**

# AGV-AXN-EX SERIES EXPLOSION PROOF VENTILATION FAN

AXIAL FLOW FAN



AGV-AXN axial fan moving air for hot or cold air exchange in a wide variety of devices and systems. AGV-AXN axial fan serves as the general workhorse due to its cost effectiveness, easy operation and installation. The outstanding features of axial fans are their small installation depth, low noise level and exceptional efficiency, and are particularly well suited for air flow through heat exchangers.

## Features:

- Available in single-phase or three-phase.
- Depending on requirements, AGV to propose several constructions: either short casing, long casing, or square plate with specific dimension.
- Casing from Stainless Steel or Powder Coated or Hot Dipped Galvanized.



## Long / Short Casing

Wheel usually have two or more blades in a single ring enclosure.

## Application

High volume air moving application such as air circulation within a space or ventilation through a wall without attached duct work.



## Square Plate

The wheel is similar to the propeller type except it usually has more blades of a heavier increase efficiency and pressure capability.

## Application

Ducted HVAC application where air distribution on the downstream side is not critical. industrial application include drying ovens, paint spray booths, and fume exhaust systems.

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# AGV-SLL SERIES

## SILENCER

### DUCT SILENCER SOUND CONTROL

AGV-SLL silencers are designed to reduce noise primarily in heating, ventilation, and air conditioning systems, available for either exterior applications. Use AGV-SLL silencer wherever you need to reduce airborne noise while allowing air movement:

- Air flow in and out of a noisy area or building
- Fan and Blower intake or discharge
- Air handling plenums
- Equipment enclosures

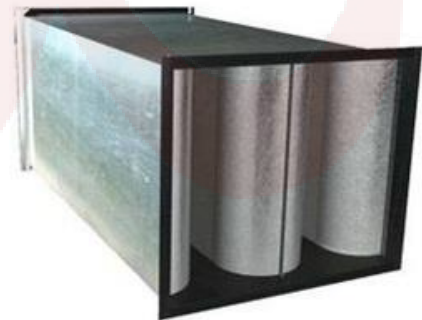


Insertion loss reported in unit of dB, it is a measure of the true attenuation or noise reduction of a silencer. Insertion loss can be directly subtracted from the noise level of a fan or other noise maker that the silencer is attached to achieve the resultant, quieted noise levels. AGV-SLL rectangular duct silencers sound control come in variety of configurations.

- Standard duct sizes
- High insertion loss
- Low pressure drop
- Low Break-out noise

#### Key Design Features:

- Superior static pressure performance
- Acoustically transparent perforated liner
- Acoustically grade fibrous media
- Low break-out noise



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**FILTER**  
**COALESCER**

# AGV-FC SERIES FILTER COALESCER

the AGV-FC series Filter Coalescer traps and removes particle and moisture from fresh air. Separating liquid droplets is a challenge, but it IS as critical as particulate filtration to keep systems moving.

The particle arrester use in general heating, ventilation and air conditioning systems where protection is required from larger particle contamination from fresh air.

Demister Filter is constructed from multi-layer knitted mesh media and provides a dense 'mat' through which process gas flows and liquid entrainment is trapped through impingement/coalescence and prevented from passing downstream, achieving moisture / fresh air.



## Key Design Features:

- Low pressure drop
- Economical
- Long service life
- Strong resilient design
- High dust holding
- 3-stage filtration (1st stage - Moisture eliminator, 2nd stage - Particle arrester & 3rd stage Demister)



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