



Republic of the Philippines
Bureau of Quarantine
Department of Health

TECHNICAL SPECIFICATION



Mandate

The **Bureau of Quarantine (BoQ)** under the Department of Health (DOH), with the category of a first-class line bureau, shall have a nationwide scope of function and international commitment in accord with the International Health Regulations (IHR) of the World Health Organization (WHO).

Jurisdiction and Functions of the Bureau

The examination at ports of entry and exit in the Philippines of incoming and outgoing vessels and aircraft,

The necessary surveillance over their sanitary conditions, as well as over their cargoes, passengers, crews, and all personal effects, and

The issuance of quarantine certificates, bills of health, or other equivalent documents shall be vested in and be conducted by the Bureau.

This Bureau shall have authority over incoming and outgoing vessels both domestic and foreign, including those of the army and navy, their wharfage and anchorage, and over aircraft and airports, insofar as it is necessary for the proper enforcement of the provisions of this Act.

ITEM NO. 1

Description	Minimum Requirements
Unit Model	1.0 HP Inverter
Unit Type	Window Type
Power Supply	220V/230V, 60Hz, 1-Ph (will work with Philippine electrical system)
Refrigerant	R32/R410A
Cooling Capacity	At least 9,400 Kj/h
Energy Efficiency Ratio (EER)	At least 11.2 kJ/W-Hr
Features and Inclusions	<ul style="list-style-type: none">• Wireless remote control• Easy clean panel• Auto swing• With LED control• Rust & corrosion protected• Unit protected with washable air filter• Supply of Manpower, Tools, and Materials for the installation of the air-conditioning unit• Refrigerant Pipes soft drawn, wrapped with rubber insulation & Condensate drain piping• Leak test and nitrogen flushing
Warranty	At least 5 years warranty for the compressor and At least 1 year for the other parts of the equipment



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ITEM NO. 2

Description	Minimum Requirements
Unit Model	1.0 HP Inverter
Unit Type	Split Type, Wall Mounted
Power Supply	220V/230V, 60Hz, 1-Ph (will work with Philippine electrical system)
Refrigerant	R32/R410A
Cooling Capacity	At least 8,500 Kj/h
Energy Efficiency Ratio (EER)	At least 11.2 Kj/hW
Type of Control	Digital, with a built-in timer, temperature control, and operation mode
Features and Inclusions	<ul style="list-style-type: none">• Wireless remote control• Easy clean panel• Auto swing• With LED control• Rust & corrosion protected• Unit protected with washable air filter• Supply of Manpower, Tools, and Materials for the installation of the air-conditioning unit• Refrigerant Pipes soft drawn, wrapped with rubber insulation & Condensate drain piping• Power Supply, Field Wiring in Conduit, secondary breaker, NEMA Enclosures• Metal bracket for the indoor unit and Metal frame for ACCU,• Leak test and nitrogen flushing
Outdoor Unit:	
Type of Compressor	Rotary
ACCU Fan Motor	Totally Enclosed
Safety Controls	High & Low-pressure controls
Warranty	At least 5 years warranty for the compressor and At least 1 year for the other parts of the equipment



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ITEM NO. 3

Description	Minimum Requirements
Unit Model	1.5 HP Inverter
Unit Type	Split Type, Wall Mounted
Power Supply	220V/230V, 60Hz, 1-Ph (will work with Philippine electrical system)
Refrigerant	R32/R410A
Cooling Capacity	At least 11,900 Kj/h
Energy Efficiency Ratio (EER)	At least 11.5 Kj/hW
Type of Control	Digital, with a built-in timer, temperature control, and operation mode
Features and Inclusions	<ul style="list-style-type: none"> • Wireless remote control • Easy clean panel • Auto swing • With LED control • Rust & corrosion protected • Unit protected with washable air filter • Supply of Manpower, Tools, and Materials for the installation of the air-conditioning unit • Refrigerant Pipes soft drawn, wrapped with rubber insulation & Condensate drain piping • Power Supply, Field Wiring in Conduit, secondary breaker, NEMA Enclosures • Metal bracket for the indoor unit and Metal frame for ACCU, • Leak test and nitrogen flushing
Outdoor Unit:	
Type of Compressor	Rotary
ACCU Fan Motor	Totally Enclosed
Safety Controls	High & Low-pressure controls
Warranty	At least 5 years warranty for the compressor and At least 1 year for the other parts of the equipment



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ITEM NO. 4

Description	Minimum Requirements
Unit Model	1.5 HP Inverter with 24-Hour Timer
Unit Type	Split Type, Wall Mounted
Power Supply	220V/230V, 60Hz, 1-Ph (will work with Philippine electrical system)
Refrigerant	R32/R410A
Cooling Capacity	At least 11,900 Kj/h
Energy Efficiency Ratio (EER)	At least 11.5 Kj/hW
Type of Control	Digital, with a built-in timer, temperature control, and operation mode
Features and Inclusions	<ul style="list-style-type: none"> • 24-Hour Timer • Wireless remote control • Easy clean panel • Auto swing • With LED control • Rust & corrosion protected • Unit protected with washable air filter • Supply of Manpower, Tools, and Materials for the installation of the air-conditioning unit • Refrigerant Pipes soft drawn, wrapped with rubber insulation & Condensate drain piping • Power Supply, Field Wiring in Conduit, secondary breaker, NEMA Enclosures • Metal bracket for the indoor unit and Metal frame for ACCU, • Leak test and nitrogen flushing
Outdoor Unit:	
Type of Compressor	Rotary
ACCU Fan Motor	Totally Enclosed
Safety Controls	High & Low-pressure controls
Warranty	At least 5 years warranty for the compressor and At least 1 year for the other parts of the equipment



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TECHNICAL SPECIFICATION

ITEM NO. 5

Description	Minimum Requirements
Unit Model	1.5 HP Inverter
Unit Type	Window Type
Power Supply	220V/230V, 60Hz, 1-Ph (will work with Philippine electrical system)
Refrigerant	R32/R410A
Cooling Capacity	At least 12,500 Kj/h
Energy Efficiency Ratio (EER)	At least 11.5 kJ/W-Hr
Features and Inclusions	<ul style="list-style-type: none">• Wireless remote control• Easy clean panel• Auto swing• With LED control• Rust & corrosion protected• Unit protected with washable air filter• Supply of Manpower, Tools, and Materials for the installation of the air-conditioning unit• Refrigerant Pipes soft drawn, wrapped with rubber insulation & Condensate drain piping• Leak test and nitrogen flushing
Warranty	At least 5 years warranty for compressor and At least 1 year for the other parts of the equipment



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TECHNICAL SPECIFICATION

ITEM NO. 6

Description	Minimum Requirements
Unit Model	2.0 HP Inverter
Unit Type	Window Type
Power Supply	220V/230V, 60Hz, 1-Ph (will work with Philippine electrical system)
Refrigerant	R32/R410A
Cooling Capacity	At least 16,500 Kj/h
Energy Efficiency Ratio (EER)	At least 11.0 kJ/W-Hr
Features and Inclusions	<ul style="list-style-type: none">• Wireless remote control• Easy clean panel• Auto swing• With LED control• Rust & corrosion protected• Unit protected with washable air filter• Supply of Manpower, Tools, and Materials for the installation of the air-conditioning unit• Refrigerant Pipes soft drawn, wrapped with rubber insulation & Condensate drain piping• Leak test and nitrogen flushing
Warranty	At least 5 years warranty for the compressor and At least 1 year for the other parts of the equipment



TECHNICAL SPECIFICATION

ITEM NO. 7

Description	Minimum Requirements
Unit Model	2.0 HP Inverter
Unit Type	Split Type, Wall Mounted
Power Supply	220V/230V, 60Hz, 1-Ph (will work with Philippine electrical system)
Refrigerant	R32/R410A
Cooling Capacity	At least 16,500 Kj/h
Energy Efficiency Ratio (EER)	At least 13.7 Kj/hW
Type of Control	Digital, with a built-in timer, temperature control, and operation mode
Features and Inclusions	<ul style="list-style-type: none"> • Wireless remote control • Easy clean panel • Auto swing • With LED control • Rust & corrosion protected • Unit protected with washable air filter • Supply of Manpower, Tools, and Materials for the installation of the air-conditioning unit • Refrigerant Pipes soft drawn, wrapped with rubber insulation & Condensate drain piping • Power Supply, Field Wiring in Conduit, secondary breaker, NEMA Enclosures • Metal bracket for the indoor unit and Metal frame for ACCU, • Leak test and nitrogen flushing
Outdoor Unit:	
Type of Compressor	Rotary
ACCU Fan Motor	Totally Enclosed
Safety Controls	High & Low-pressure controls
Warranty	At least 5 years warranty for compressor and At least 1 year for the other parts of the equipment

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