

COMPANY PROFILE

NEET Engineering Services Ltd.

a division of **NEET** (NIGERIA) LTD

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1. NEET COMPANY PROFILE

Neet Nigeria Limited is a company, incorporated in Nigeria in 1984, offering business applications and professional services in Office Automation Applications including Production Printing, Document Management and Electronic Archiving, Commercial Cooling, HVAC & Maintenance services, Residential Cooling & Maintenance services, ICT Equipment and SMB Telecommunication Solutions.

We are a Ventilation and Air Conditioning systems establishment with over 20 years of experience in the Nigerian market. We have moved into the Commercial and Project space about 5 years ago for Project Management, Design & Architecture, Implementation & Engineering Services and Maintenance Service delivery. We are able to design, customize and provide solutions to clients' requirements and building requirements be it to interface with Building Management Systems, BUS technology, Chiller systems or any other management system.

Since 2010, we have gained a huge amount of experience in Commercial Installations, Design and Project Management to a wide range of discerning clients. Over the years, we have built a considerable team and with a team of Project Managers, Professionally certified engineers and technicians that are committed to providing products and services of the highest quality.

NEET Nigeria has a wide supplier base that ensures our consistent requirements for equipment and accessories used in the Industry are met at all times. These suppliers are global market leaders in their own right and can be counted upon when needed.



- Room & Commercial Cooling, Rooftop Package Units, Cassette & Ceiling Duct units, Centralized HVAC Solutions, DVM/VRF Systems, AHUs, BMS Compatibility, Centralised Control Systems, ERV, Design Services, Project Management and Implementation/Maintenance Services



- Residential and Commercial Air Conditioning Units- (Splits, Window, Cassette, Floor-Standing, Floor Packaged units, Console), Installation & Maintenance Services



- Electrical (ELV) Solutions, Building Infrastructure Systems, VDI/Passive Components, Trunking Systems, Emergency Lighting, Lighting Management, Access Control, CCTV, Home Automation, Precision Cooling, UPS Systems

Some of the others include Midea, Emerson, McQuay, Trox, DynAir amongst others.

Mission Statement

To constantly innovate in products and consulting services that help companies get better business results through process innovation. More specifically, we help customers simplify and streamline their intensive *business processes with special focus* in the areas of human productivity & efficiency, and cost savings – constantly working to exceed client expectations.

Our Vision

To deliver professional services in office solutions, effective service delivery, customer relationship & loyalty, through commitments to quality & time, in a cost-effective environment.

Our Expertise

Technology change is the only constant factor. Business initiatives have to keep new trends in mind. At Neet we believe in absorbing the latest technologies at the speed of thought. Be it our products or our services, we incorporate new technologies appropriately to give the best solutions.

Our Services

Neet Nigeria Limited is in a position to offer you a wide range of services that include, but not limited to:

- The design, installation and commissioning of a ventilation and air conditioning system for residential, commercial and industrial applications, using design software provided by our OEM partners. Operational performance include cooling load estimates, duct sizing and layout, determining fan power (static pressures) and cooling capacities
- The design and installation of an air quality management system using various air exchange mechanisms that will ensure adequate fresh air intake for proper ventilation and extract. These designs can be flexible depending on considerations of the project
- The supply, fabrication, installation and commissioning of sheet metal air ducts, chilled water pipes and fittings along with its insulation, refrigerant pipes, electrical connections, and corresponding controls and accessories
- Troubleshooting and a comprehensive maintenance ideology using a reliable technical support crew with certified service tools to respond promptly to complaints of equipment failures, aided by our extensive communication network

Our Range of Products

- Chillers (on request)
- Air handling units and fan coil units (ceiling and concealed)
- Direct expansion packaged units
- Mini split units
- Outside (ODU) air units / DVM / VRV / VRF advanced systems & solutions
- Rooftop package units
- Precision control units
- Residential Cooling units- high-wall, split, floor-standing, ceiling concealed, cassette

Our Products

- All products are available in different refrigerants including R22, R407c, R410a
- NEET Nigeria has the ability to deliver custom units with sophisticated hardware and software options and those that require special customization
- Our delivery time is between 4-13 weeks depending on the type of equipment required
- We hold ready stock of Commercial & Residential units, kits, installation materials, accessories

2. UP-TO-DATE OFFERINGS- RESIDENTIAL & COMMERCIAL



COOLING SOLUTIONS



Commercial (CAC) Cooling, Residential (RAC) Cooling, Digital Variable Multi [DVM] / VRF systems, AHU Systems & Engineering and Project Management Services



Duct type Indoor Units

One duct type indoor unit can provide cool air to multiple places in a building with flexible installation options. It doesn't matter how complicated the floor plan is because duct type indoor units offer different solutions for any shape of the interior. With the indoor units hiding behind the ceiling, you can create clean interior looks.



Slim Duct



MSP Duct



Cassette type Indoor Units

Cassette type indoor units have different numbers and direction of outlets to provide the cool air evenly in any type of space. Compact size of indoor units can be installed even in lower ceilings and easy installation method will save time that you had to spend on installation.



Slim 1Way Cassette



Mini 4Way Cassette



4Way Cassette



DVM S HP / HR			SINGLE																											
IMAGE	MODEL	CAPACITY	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52					
	AM037FAQ1	8 HP	1																											
	AM037FAQ1	10 HP		1																										
	AM037FAQ1	12 HP			1																									
	AM037FAQ1	14 HP				1																								
	AM037FAQ1	16 HP					1																							
	AM037FAQ1	18 HP						1																						
	AM037FAQ1	20 HP							1																					
	AM037FAQ1	22 HP								1																				
	RE088R1G00 (RE088R1G00)	8 HP	1																											
	RE108R1G00 (RE108R1G00)	10 HP		1																										
	RE128R1G00 (RE128R1G00)	12 HP			1																									
	RE148R1G00 (RE148R1G00)	14 HP				1																								
	RE168R1G00 (RE168R1G00)	16 HP					1																							
	RE188R1G00 (RE188R1G00)	18 HP						1																						

* If you wish to install outdoor unit module with capacity over 80 HP, please contact local Samsung Dealer.

DVM Lineup & Feature - Indoor Units

Cassette

MODEL	4-Way Cassette II	4-Way All-in-1	6-Way	2-Way
22				
28				
35				
45				
55				
65				
71				
82				
92				
102				
112				
124				
132				
FEATURES				
Powerful Jetter				
Callig Dust Prevention				
Push-to-Start				
High Lift-Up Drain Pump				
Mini-Dial				

Wall-mounted

MODEL	Wall-Pure	Wall-Pure II
22		
28		
35		
45		
55		
71		
FEATURES		
3-Phase Ion		
Full-DC Filter		
Deodorizing Filter		
Carbon Filter		
Smart Sleep		
Table-Cloning		

Duct

MODEL	HP	MP	SP
22			
28			
35			
45			
55			
71			
82			
92			
102			
112			
124			
132			
202			
262			
FEATURES			
Anti-Virus Filter			
Easy Filter Cleaning			
High Lift-Up Drain Pump			
Smart Pressure Control			








Console & Ceiling

MODEL	Console	Ceiling
22		
28		
35		
45		
71		
FEATURES		
3-Phase Ion		
Smart Sleep		
Anti-Virus Filter		
Lightweight LED		
Push-to-Start (HP & MP)		



Concealed

MODEL	Dual II	Dual Plus II
22		
28		
35		
71		

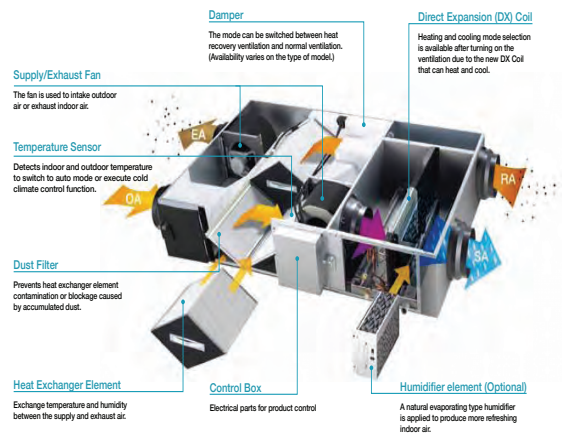
ERV- ENERGY RECOVERY & VENTILATION

Model \ Air Volume (CMH)	250	350	500	800	1000
ERV PLUS			 <p>RHF050KH5EA RHF050KH5EASTK</p>		 <p>RHF100KH5EA RHF100KH5EASTK</p>
ERV	 <p>RHF025EE RHF025ETE RHF025NEESTK</p>	 <p>RHF035EE RHF035ETE RHF035NEESTK</p>	 <p>RHF050EE RHF050ETE RHF050NEESTK</p>	 <p>RHF080EE RHF080ETE RHF080NEESTK</p>	 <p>RHF100EE RHF100ETE RHF100NEESTK</p>

DVM Feature - ERV

		
Damper	•	•
Direct Expansion (DX) Coil	•	
Humidifier element (Optional)	•	
Supply/Exhaust Fan	•	•
Dust Filter	•	•
Heat Exchanger Element	•	•
Control Box	•	•
Temperature Sensor	•	•
CO ₂ Sensor (Optional)	•	•
BLDC Fan Motor	•	•
Energy Saving Operation (Auto Mode)	•	•
New Diamond Type Element	•	•
Flexible Installation		•
Slim Design	•	•
Silent Operation	•	•
S-Plasma Ion (Optional)	•	•

ERV PLUS System Structure





Cassette

MODEL	MR-FW09	MR-FW12
CAPACITY	9.0	12.0
	12.0	15.0
	18.0	24.0
	24.0	30.0
	30.0	36.0
FEATURES		
Powerful Airflow	+	+
Cable-Clamp Provision	+	+
High-Lift-Up Drain Pump	+	+
Mini-Drain	+	+
Peak-16 Valve	+	+

Duct

MODEL	MRP	MR
CAPACITY	9.0	12.0
	12.0	15.0
	18.0	24.0
FEATURES		
Air-Flow Filter	+	+
Easy Filter Cleaning	+	+
High-Lift-Up Drain Pump	+	+
Smart Pressure Control	+	+

Cassette

MODEL	MRP	MR	MRP	MR	MRP	MR
CAPACITY	9.0	12.0	15.0	18.0	24.0	30.0
	12.0	15.0	18.0	24.0	30.0	36.0
	18.0	24.0	30.0	36.0	42.0	48.0
	24.0	30.0	36.0	42.0	48.0	54.0
	30.0	36.0	42.0	48.0	54.0	60.0
FEATURES						
Powerful Airflow	+	+	+	+	+	+
Cable-Clamp Provision	+	+	+	+	+	+
Peak-16 Valve	+	+	+	+	+	+
High-Lift-Up Drain Pump	+	+	+	+	+	+
Mini-Drain	+	+	+	+	+	+

Wall-mounted

MODEL	MRP	MR
CAPACITY	9.0	12.0
	12.0	15.0
	18.0	24.0
	24.0	30.0
FEATURES		
Decorating Filter	+	+
Smart Inverter	+	+
Smart Sleep	+	+

Duct

MODEL	MRP	MR
CAPACITY	9.0	12.0
	12.0	15.0
	18.0	24.0
	24.0	30.0
	30.0	36.0
FEATURES		
Air-Flow Filter	+	+
Easy Filter Cleaning	+	+
High-Lift-Up Drain Pump	+	+
Smart Pressure Control	+	+

Console & Ceiling

MODEL	MRP	MR
CAPACITY	9.0	12.0
	12.0	15.0
	18.0	24.0
	24.0	30.0
	30.0	36.0
FEATURES		
3D Plasma Ion	+	+
Washer Design	+	+
Air-Flow Filter	+	+
Lightweight LED	+	+
Flexible Pipe Installation	+	+

DVM S (Digital Variable Multi) Cooling Solution- FROM SAMSUNG

With its advanced components and technologies, DVM Plus IV provides the most powerful and reliable cooling performance, capable of efficiently withstanding high ambient conditions. This air conditioning system has achieved world-class energy efficiency and cooling capacity, making it a perfect fit for large buildings.

Features

Reliable Operation in 54°C High Ambient Condition

High Efficiency

Large Capacity

Advanced and Reliable Protection

Easy Installation & Maintenance

Eco-friendly Pleasant Operation

Benefits compared to Water-cooled Chiller Systems:

- Maintenance cost of DVM is lower due to the requirement of water treatment for Chiller systems
- COP of DVM is 6% to 15% better than Chiller systems
- DVM total cost (equipment + Installation + maintenance) has a Payback period of 2 to 4 years, after that it will be more cost efficient rather than Chiller systems.
- DVM has advantage of Cooling and Heating at the same time (feature for Levant area in ME)
- Installation prices of DVM and Air Cooled Chiller systems are equally the same (no extra cost for DVM installations).

The World's Largest Capacity

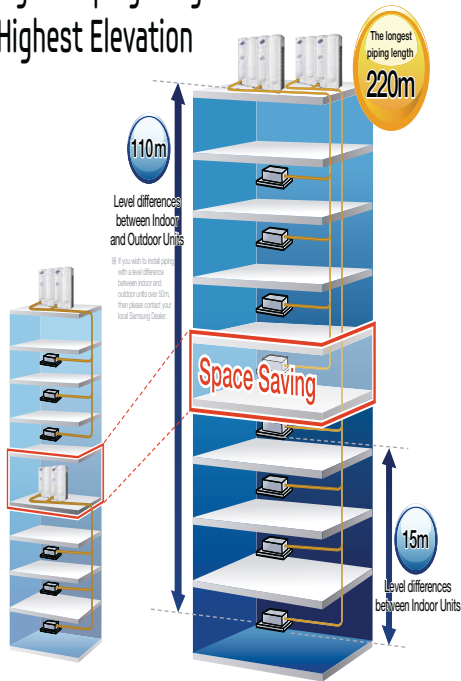
Samsung has achieved world's largest capacity of 80 HP by combining maximum 4 outdoor units of 8,10,12,14,16,18,20, 22, 24, 26HP.

Simultaneous launching of compact and high-efficiency products also provide consumers variety of choices according to their installation environment. Maximum 64 variety indoor units can be connected together for operation.

- Compact combination (8~80 HP): Combination with the model requiring the smallest installation space.
- High-Efficiency combination (16~64 HP): Combination with high-efficiency model.

PIPE LENGTH (LONGEST) & OTHER SALIENT FEATURES

Longest Piping Length & Highest Elevation



Flexible Installation in High-rise Buildings

Installation is available with a maximum height level of 110m, which is equivalent to 20 stories (each story is considered to be a 5m high).

Flexible Installation over Wide Area

DVM Desert allows extended piping length up to 220m, and units will still give a great performance over wide areas.

Flexible Selection of Indoor Units

You can choose indoor units which are suitable for each space, offering various options in capacity and composition. You can also enjoy the indoor units more economically since each indoor unit can be individually controlled.

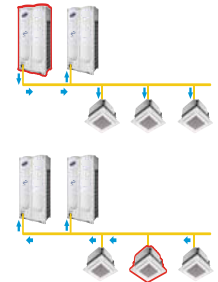
Black box (Automatic Data Backup)

If a malfunction occurs with DVM Desert outdoor unit, it will automatically diagnose the problem and save the last 30 minutes of operation data. An optional accessory can be used to store operational data for over one year, which can be helpful in getting you quick and accurate repair service when you need it.



Refrigerant Pump-down and Pump-out

DVM Desert provides the refrigerant pump-down/out functions to facilitate easy and convenient replacement of the product, as well as additional installations and maintenance. In case of outdoor unit maintenance, it is possible for the refrigerant to recover into indoor units or pipes. It is also possible to recover refrigerant into outdoor units when moving indoor units or performing maintenance of pipes between indoor units and outdoor units.



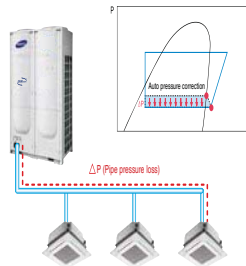
Versatile Piping Connection with Various Knock-out Holes

The knock-out holes for piping, power, and communication cables are located in a variety of directions, allowing for more convenient installation of DVM Desert since the piping and cable direction can be freely selected from the front, left, and right side.



Optimized Refrigerant Distribution Control

When long piping is installed between the outdoor units and indoor units, the individual indoor units will use auto performance correction control technology and automatic refrigerant amount adjustment technology to secure balanced performance between the units.



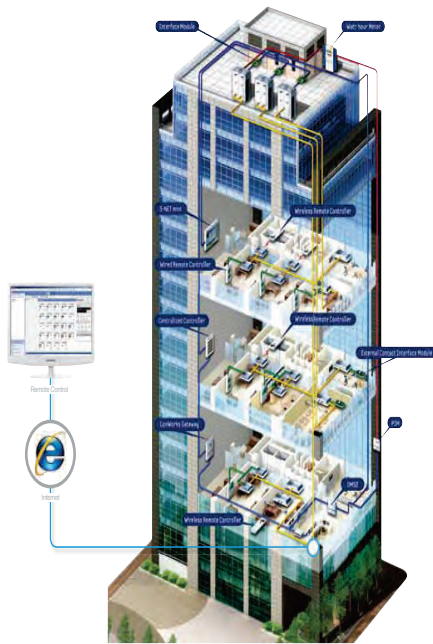
Easier Access for Status Check and Option Settings

Checking the outdoor unit status and setting option are easier and simpler since you don't need to remove the entire front cover, thanks to the small openings on the front side of the outdoor unit.



CONTROL SYSTEM - CENTRALISED & INDIVIDUAL

Control System



S-NET 3
This integrated software connects to the internet to control the system air conditioners through DMS from a single computer.



S-NET Mini
Featuring a touch screen, S-NET Mini can be directly connected to the system air conditioners through centralized controllers or interface modules.



DMS 2
DMS 2 is an internet-based management device that stores and manages all the data relevant to the system air conditioner.



Centralized Controller
The centralized controller controls the system air conditioners individually or in groups supporting many other functions.



Interface Module
The interface module transmits data between the outdoor units and the upper level controllers.



Wired R/C, Wireless R/C
The individual remote controllers are used to control single indoor units conveniently.

Integrated Management

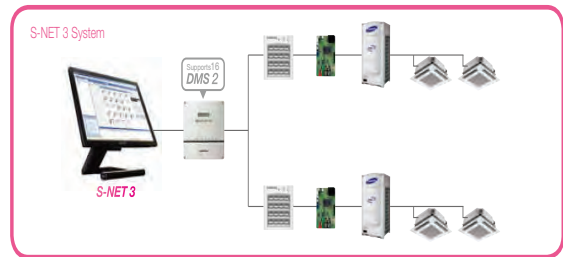
Integrated and Complete

S-NET 3

S-NET 3 manages a group of buildings through Data Management Servers (DMS 2) that individually manage each building, providing flexible and complete control for a wide variety of applications.



MST-P3P



Control and Monitoring

- Control & monitoring of up to 4,096 indoor units including ERV, ERV PLUS and AHU
- Wireless/wired remote control restriction
- Temperature limit setting
- Multiple/full indoor unit selection
- Icon-based indoor unit display mode



Power Distribution Management

- Data query for power distribution and operation time
- Power distribution report generation and printing
- Time section setting for different electricity rates
- Group setting for power distribution summary



Schedule Control

- Graphical schedule settings
- Weekly, Daily schedule control
- Exception date setting



History Management

- Error/Event history management
- Indoor unit operation history management
- Report generation and printing



Zone Management

- Management structure customization regardless of installation structure
- Control zone creation/edition/deletion
- Tree structure zone management control



Cycle Monitoring

- Monitoring outdoor/indoor unit cycle data (The monitoring function is supported for specific outdoor unit models)



- 5 MAJOR PRODUCT LINES

AEROFOAM[®] - NBR
RUBBER INSULATION

AEROFOAM[®] - XLPE
POLYOLEFIN INSULATION

AERODUCT
Ducting Accessories

Rubtech

DIAMOND
Pipe support systems

3. CLIENT LIST

COMPANY NAME	VERTICAL
PDP	Government
Nigerian Police Force [NPF]	"
Nigerian Army	"
Ministry of Works, Urban Development & Environment	"
FIRS	"
JAMB	"
NNPC	"
Klif Consultants	Building Consultants / M&E
Frith Hill Properties	"
KOA Consultants	"
NAIRDA	"
ETCO Nigeria	"
VACC	"
ACCL	"
AIM Consultants	"
UBA	Banking & Finance
Intercontinental Bank	"
First Bank	"
Fidelity Bank	"
Access Bank	"
First Bank	"
Fidelity Bank	"
First City Monument Bank [FCMB]	"
Eleme Petrochemicals	Oil & Gas
OANDO	"
ExxonMobil	"
INTELS Logistics Services	"
Chevron	"
Halliburton	"
Schlumberger	"
Glo	Telco
MTN	"
Huawei Technologies	"
BNL Engineering & Construction Ltd.	Construction
SETRACO	"
Arab Contractors	"

4. KEY CONTACT PERSONNEL INFORMATION

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Apart from our strategically located REGIONAL offices at Abuja and Port Harcourt, we have an established network of business partners (dealers) across Nigeria. We are fully backed by Certified Networking Engineers, Certified Document Imaging Architects and factory trained engineers by respective principals.