



PRIJAI HEAT EXCHANGERS PVT. LTD.

**NAVI MUMBAI UNIT:** B/25, MIDC, TTC Industrial Area, Pipe Line Road, Behind Bharat Bijlee, Navi Mumbai - 400708. India  
**T:** 022-2764 4431/32/33/34/35 | **E:** customercare@prijai.com  
**W:** www.prijai.com

**DADRA UNIT:** F/7, Zero Tax Industrial Estate, Near RTO Check Post, UT of D & NH, Dadra - 396191. **T:** 0260-6545863

## FROM THE HOUSE OF PRIJAI....

A company known  
for its excellence in  
heat transfer  
solutions

**ENERO**  
AIR CONDITIONERS

**"NEXT GENERATION  
INVERTER TECHNOLOGY"**



For over 25 years, Prijai has invested significant efforts in mastering the art of manufacturing heat transfer products. Backed by state-of-the-art manufacturing facilities, our product range includes condenser and cooling oils, air cooled condensing units, copper fittings and system tubing that are offered to several leading brands in India. Prijai now offers this manufacturing expertise and excellence in one ready to install product that promises to surpass expectations



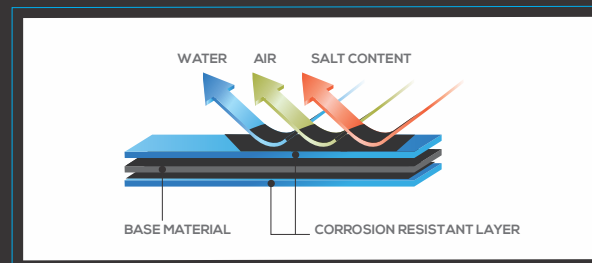
At Prijai, quality is a way of life and an integral part of our work culture. We are committed to quality and strive to improve our product offerings each time, every time. At Prijai, the entire production chain follows six sigma methodologies to ensure a defect free product. Our manufacturing process is a benchmark in the industry. Every batch of inward material is marked & coded and follows stringent quality checks to achieve the highest level of manufacturing excellence.

PRIJAI NOW FORAYS INTO RETAIL WITH ENERO

## SPLIT AIR CONDITIONERS, BUILT TO LAST IN INDIAN WEATHER CONDITIONS

Manufactured with specifications that meet tough Indian conditions, **ENERO** is built to last. It uses a copper tube coil that is far superior to an aluminium tube coil used by many other brands. With a slew of pioneering features, **ENERO** is designed for the Indian consumer looking for value and durability.

Sheet metal components with high quality powder coating for long life. **Copper Condenser** gives high reliability and efficient cooling even at 52°C.



## FEATURES



### SUPER MODE

Gives instant cooling when you switch on the AC for faster comfort against the scorching heat.



### TIMER SWITCH

24-Hour timer can be set to automatically turn the AC off.



### SLEEP MODE

AC will automatically increase the set temperature by 2° C in two hours to save energy.



### INNER GROOVE COPPER TUBE IN EVAPORATOR & CONDENSER COIL

High quality inner grooved copper increases the surface area significantly improving thermal conductivity.



### AUTO RESTART

If the unit stops unexpectedly due to a power cut, the AC unit will automatically restart in the previous mode once power is restored.



### SELF CLEANING

After the unit is switched off, it runs the blower to dry out the evaporator coil, hence the dust accumulation on the coil is reduced.



### I FEEL

The temperature sensor built into remote controller is activated. It can sense its surrounding temperature & transmit the signal back to the unit; thus the unit can adjust the temperature so as to provide maximum comfort.



### HIDDEN DISPLAY

Advanced digital display on the indoor unit that helps indicate the mode of operation of the AC.



### DIMMER

Switch to turn off the light and display of the unit.



### R410A ECO-FRIENDLY REFRIGERANT

Eco friendly refrigerant, R410A, that has nil Ozone.



### WARRANTY ON COMPRESSOR

5 years Warranty on Compressor

MODEL	PH12IS3HS1	PH18IS3HS1	PH24IS3HS1	
Nominal Capacity (TR)	1.0 TR	1.5 TR	2.0 TR	
INVERTER		TECHNICAL SPECIFICATIONS		
Description	Unit	3 Star (1.0 TR)	3 Star (1.5 TR)	3 Star (2.0 TR)
Cooling Capacity (at 100% & 50% speed)	W	3400/1720	5150/2525	6450/3225
Cooling Power Input (at 100% & 50% speed)	W	1225/420	1840/620	2050/760
Electricity Consumption in u.p.a (1600 Hours)		717.46	1083.95	1259.44
ISEER	kWh/kWh	3.67	3.68	3.96
Air flow (Indoor)	m <sup>3</sup>	620	1000	1200
Noise Level (Indoor) (High, Medium, Low)	dB(A)	39/35/30	44/41/36	46/43/40
Noise Level (Outdoor)	dB(A)	52	55	56
Moisture Removal	L/h	1.2	1.8	2
Refrigerant		R410A	R410A	R410A
Compressor Type		Rotary	Rotary	Rotary
Condenser & Cooling Coil type		Fin & Tube	Fin & Tube	Fin & Tube
Copper Tube Type		Inner Groove Tube	Inner Groove Tube	Inner Groove Tube
Indoor unit Dimensions (W x H x D)	mm	815x270x212	915x315x235	1085x315x235
Outdoor unit Dimensions (W x H x D)	mm	660x482x240	780x540x260	860x650x310
Indoor Net Weight	kg	8.5	12	14.5
Outdoor Net Weight	kg	24	29	43
Application Area	m <sup>2</sup>	12-24	20-30	25-35
Max Ambient Temp	°C	52	52	52
TUBE SIZE AND PIPING CAPACITY				
Suction Tube Size Outer Diameter	Inch (mm)	3/8" (9.52)	1/2" (12.7)	5/8" (15.87)
Liquid Tube Size Outer Diameter	Inch (mm)	1/4"(6.35)	1/4"(6.35)	3/8" (9.52)
Max. Piping Length	m	20	25	25
Max difference level for Piping (Vertical)	m	10	10	10

**Note:** Due to our commitment to continuing improvement, design and specifications are subject to change without prior notice.

