



Aashvi Biotech

Catalogue

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PERFECTION IN LABORATORY SCIENCE



Aashvi Biotech (OPC) Pvt. Ltd.



1. Laboratory Digital Hot Plate (Apbl-HP)

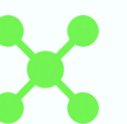
Reliable and precise heating solution designed for laboratory and industrial applications.



◆ Product Description

The Digital Hot Plate from Aashvi (OPC) Biotech is a stable and cost-effective heating unit suitable for a wide range of laboratory applications. Built with advanced microprocessor-based PID control, it ensures accurate temperature regulation and consistent performance.

The Abpl-HP stainless steel Hot Plate provides durability, corrosion resistance, and uniform heat distribution, making it ideal for routine laboratory heating tasks.



◆ Key Features

- Digital display with PID controller for precise temperature control
- User-friendly keypad, control knobs, and on/off switch
- Microprocessor-based technology ensures stable and accurate performance
- High-quality Abpl-HP stainless steel Hot plate for durability
- Uniform heating with fast response time
- Temperature control up to 300°C
- Available in multiple sizes for different lab requirements
- Energy-efficient and reliable for continuous operation



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◆ Applications

- General laboratory heating
- Chemical and pharmaceutical labs
- Research and educational institutes
- Sample preparation and evaporation processes



◆ Technical Specifications

Model	Abpl-HP-12D	Abpl-HP-16D	AbPL-HP-18D	Abpl-HP-24D
Type	Rectangular	Rectangular	Rectangular	Rectangular
Display	Digital	Digital	Digital	Digital
Controller	PID	PID	PID	PID
Plate Material	Abpl-HP	Abpl-HP	Abpl-HP	Abpl-HP
No. of Plates	Single	Single	Single	Single
Temperature Range	Room temp.– 300°C	Room temp.– 300°C	Room temp.– 300°C	Room temp.– 300°C
Plate Size	9.7"×12"	9.8"×16"	11.9"×18"	18"×24"
Power Rating	1.0 kW	1.5 kW	2.0 kW	2.5 kW
Dimensions (mm)	142×182×132	299×348×149	349×398×167	396×448×189
Power Supply	AC 220V, 50/60Hz	AC 220V, 50/60Hz	AC 220V, 50/60Hz	AC 220V, 50/60Hz

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◆ Ordering Information



Model No.	Description
Abpl-HP12ND	Non-Digital Hot Plate, Abpl-HP Hot Plate, 9.7"×12"
Abpl-HP12D	Digital Hot Plate, Abpl-HP Hot Plate, 9.7"×12"
Abpl-HP16ND	Non-Digital Hot Plate, Abpl-HP Hot Plate, 9.8"×16"
Abpl-HP16D	Digital Hot Plate, Abpl-HP Hot Plate, 9.8"×16"
Abpl-HP18ND	Non-Digital Hot Plate, Abpl-HP Hot Plate, 11.9"×18"
Abpl-HP18D	Digital Hot Plate, Abpl-HP Hot Plate, 11.9"×18"
Abpl-HP24ND	Non-Digital Hot Plate, Abpl-HP Hot Plate, 18"×24"
Abpl-HP24D	Digital Hot Plate, Abpl-HP Hot Plate, 18"×24"

◆ Standard Features

- Heavy-duty construction for long-term use
- Corrosion-resistant Abpl-HP heating surface
- Stable temperature control with PID system
- Easy-to-use interface for quick operation



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