



## Discovery® 36", 42", 48" and 54" Wide Ceiling Mount Island Hoods

## PLANNING GUIDE

### WARNING

- Observe all governing codes and ordinances during planning and installation. Contact your local building department for further information.
- This appliance must be installed in accordance with the accompanying installation instructions.
- DO NOT install an additional in-line or external blower to increase the length of the duct run. Even small differences between blower air flow rates can greatly reduce the air draw of the hood.

Blower	600 CFM* (1200 CFM* for units with 2 blowers) with electronic speed control
Blower Speeds	4
Lights	12 Vac, 20 Watt halogen
Filters	Baffle type, dishwasher safe
Exhaust	8 Inch
Finish	430 stainless steel
Total connected load	120 Vac, 60 Hz (see table at right for current rating)
Circuit requirements	120 Vac, 15 Amp. grounded, dedicated 3-wire circuit (hot, neutral, ground)

\* At zero inches static pressure

### GENERAL SPECIFICATIONS

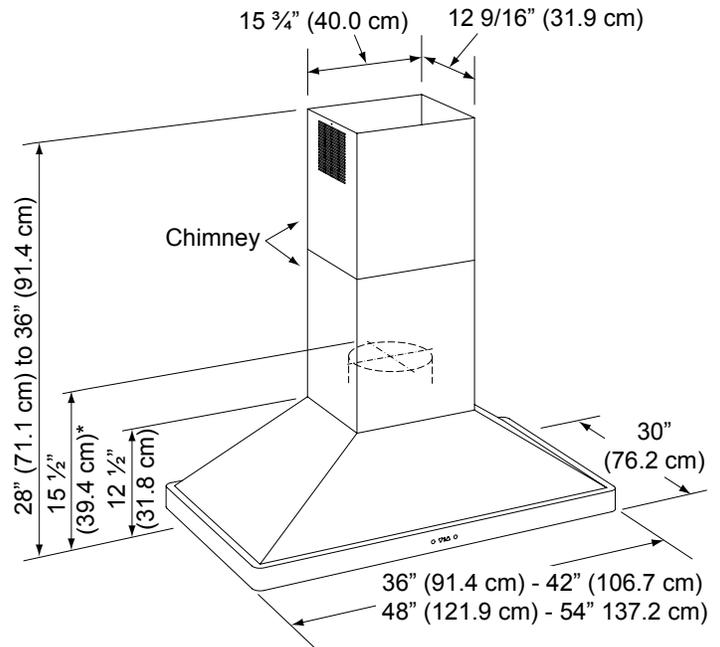
Model**	Blowers	Lights	Filters	Maximum Current Draw
DHI361	1	4	1	3.8 Amp.
DHI421	1	4	1	3.8 Amp.
DHI482	2	4	2	6.8 Amp.
DHI542	2	6	2	7.1 Amp.

### MODEL SPECIFIC SPECIFICATIONS



**\*\* IMPORTANT ORDERING INFORMATION:** Each model requires that you order a chimney assembly (Part number DHICH) in addition to the hood assembly part number.

All tolerances: ±1/16" (±1.6 mm), -0, unless otherwise stated



\* 18" 1/4 on models DHI482 and DHI542

### DHI SERIES OVERALL DIMENSIONS

Chimney can accommodate up to 10" round duct work

### Maximum Duct Length

The maximum straight duct length for the hood is 50 feet. To determine the actual maximum duct run, subtract the equivalent length of each elbow, transition and cap from 50 feet. See the **Duct Planning Guide** or the installation instructions for more details.

**IMPORTANT:** The minimum installed distance from the hood to the cooking surface must be no less than 30 inches. The minimum specified distance may be higher for the particular range or cooktop in use. Check the manufacturers specifications for the cooktop or range.

### Optional Recirculation Kit (PN AVDI1/AVDI2)

Converts hood to a recirculating configuration in instances where exhausting the hood outside the building is not practical or desired. Consists of a top cap and 2 charcoal filters. When installed, the top cap redirects air flow out the vents in the sides of the hood chimney assembly. The provided charcoal filters are installed underneath the mesh type filters included with the hood. The charcoal filters reduce smoke and fumes before the hood exhaust is vented into the room. Requires 20 inch long piece of 8 inch round duct (not included).

