

ODHR

Round Electric Duct Heater



Features

Finish

- Unpainted galvanized steel

Voltage

- 120V, 208V, 240V, 347V, 1 phase

Construction

- Heavy-duty, corrosion-resistant, unpainted galvanized steel enclosure, 22- and 20-gauge
- Easy-access junction box door
- Double thermal protection with manual and automatic reset for each element
- Built-in temperature limit sensor, connected to the circuit board (sensor TT)
- 5ft. (1.5m) supply duct temperature sensor included (sensor T)
- Electronic air-flow sensor (sensor P). Optional kit available: KIT-SEN-005

Element

- Open coil element, nickel-chrome
- 0.5kW to 10kW heating capacities
- SCR-modulated elements to maintain a constant temperature using only the energy required

Control

- 5 control compatibility options with these signals:
 - Thermostat (24VCA)
 - Thermostat or controller (0-10VDC)
 - Thermostat or controller (PWM)
 - Thermostat or controller (2-10V)
 - Thermostat or controller (24VCC)

Installation

- Round duct from 5in. to 12in. (127mm to 305mm)
- Vertical, horizontal, upward or downward air flow
- Designed and approved for zero-clearance to combustible materials

Benefits

- Application versatility: suitable for preheating ventilation air as well as space heating
- Reliable performance: supplies the energy required to quickly reach the desired temperature
- Optimized efficiency: the modulation system and temperature sensor guarantee precise and stable output
- Adaptability: available in multiple sizes and capacities to meet different needs

Warranty

- 3-year warranty

Application

- Residential, commercial and institutional
- Suitable for new installations and retrofits

Models - Technical Specifications

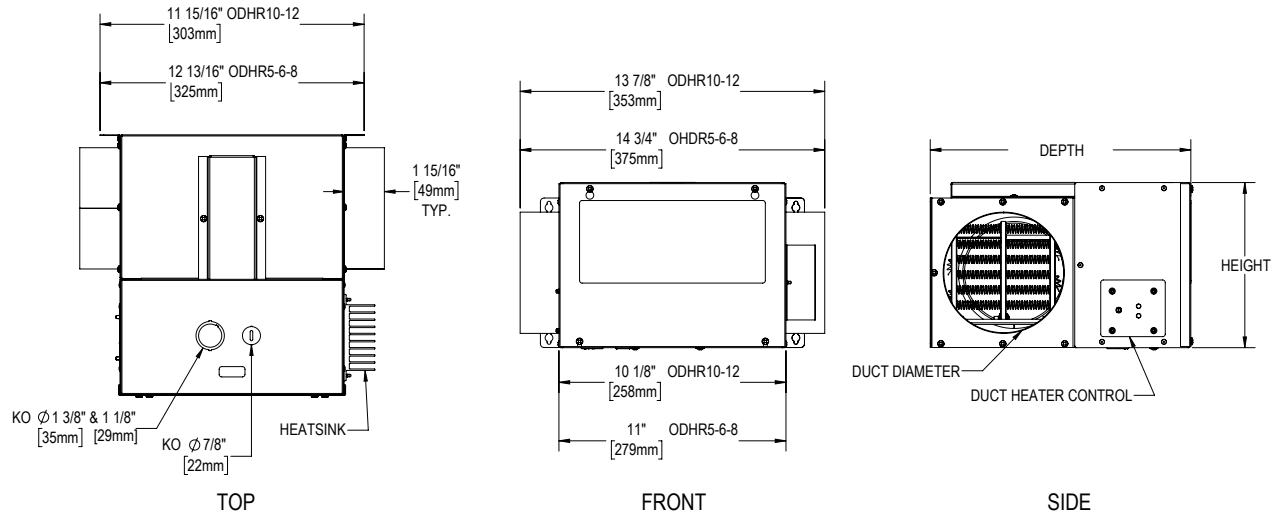
Product #	Power (Watts)	Voltage (volts)	Weight		Minimumflow* cfm/kW	Price
			kg	lb		
5 in. Duct (Height: 8 in., depth: 12 11/16 in.)						
ODHR0500502	500	120	6,8	15	50	558.00
ODHR0500500	500/375	240/208	6,8	15	50	558.00
ODHR0500507	500	347	6,8	15	50	758.00
ODHR0501002	1000	120	6,8	15	50	575.00
ODHR0501000	1000/750	240/208	6,8	15	50	575.00
ODHR0501007	1000	347	6,8	15	50	756.00
ODHR0501502	1500	120	6,8	15	50	588.00
ODHR0501500	1500/1125	240/208	6,8	15	50	588.00
ODHR0501507	1500	347	6,8	15	50	767.00
ODHR0502002	2000	120	6,8	15	50	606.00
ODHR0502000	2000/1500	240/208	6,8	15	50	606.00
ODHR0502007	2000	347	6,8	15	50	766.00
ODHR0502500	2500	240/208	6,8	15	50	624.00
ODHR0502502	2500	120	6,8	15	50	624.00
ODHR0502507	2500	347	6,8	15	50	767.00
ODHR0503000	3000/2250	240/208	6,8	15	50	623.00
ODHR0503007	3000	347	6,8	15	50	770.00
6 in. Duct (Height: 8 in., depth: 12 11/16 in.)						
ODHR0600502	500	120	7,3	16	50	575.00
ODHR0600500	500/375	240/208	7,3	16	50	575.00
ODHR0600507	500	347	7,3	16	50	588.00
ODHR0601002	1000	120	7,3	16	50	542.00
ODHR0601000	1000/750	240/208	7,3	16	50	542.00
ODHR0601007	1000	347	7,3	16	50	623.00
ODHR0601502	1500	120	7,3	16	50	588.00
ODHR0601500	1500/1125	240/208	7,3	16	50	588.00
ODHR0601507	1500	347	7,3	16	50	636.00
ODHR0602002	2000	120	7,3	16	50	575.00
ODHR0602000	2000/1500	240/208	7,3	16	50	575.00
ODHR0602007	2000	347	7,3	16	50	575.00
ODHR0602500	2500	240/208	7,3	16	50	575.00
ODHR0602502	2500	120	7,3	16	50	575.00
ODHR0602507	2500	347	7,3	16	50	754.00
ODHR0603000	3000/2250	240/208	7,3	16	50	575.00
ODHR0603007	3000	347	7,3	16	50	666.00
ODHR0604000	4000/3000	240/208	7,3	16	50	636.00
ODHR0604007	4000	347	7,3	16	50	684.00
ODHR0605000	5000/3750	240/208	7,3	16	50	653.00
ODHR0605007	5000	347	7,3	16	50	702.00
8 in. Duct (Height: 9 1/4 in., depth: 15 in.)						
ODHR0800500	500/375	240/208	7,5	17	50	666.00
ODHR0800507	500	347	7,5	17	50	716.00
ODHR0801000	1000/750	240/208	7,5	17	50	684.00
ODHR0801007	1000	347	7,5	17	50	731.00
ODHR0801500	1500/1125	240/208	7,5	17	50	666.00
ODHR0801507	1500	347	7,5	17	50	716.00
ODHR0802000	2000/1500	240/208	7,5	17	50	684.00
ODHR0802007	2000	347	7,5	17	50	731.00
ODHR0803000	3000/2250	240/208	7,5	17	50	661.00
ODHR0803007	3000	347	7,5	17	50	765.00
ODHR0804000	4000/3000	240/208	7,5	17	50	702.00
ODHR0804007	4000	347	7,5	17	50	782.00
ODHR0805000	5000/3750	240/208	7,5	17	50	749.00
ODHR0805007	5000	347	7,5	17	50	873.00
ODHR0806000	6000/4500	240/208	7,5	17	50	809.00
ODHR0806007	6000	347	7,5	17	50	1063.00

* Used with CIR-048 only
Add -DIS for disconnect switch models

Models - Technical Specifications

Product #	Power (Watts)	Voltage (volts)	Weight		Minimum flow* cfm/kW	Price
			kg	lb		
10 in. Duct (Height: 11 1/4 in., depth: 17 1/4 in.)						
ODHR1000500	500/375	240/208	9,1	20	50	783.00
ODHR1000507	500	347	9,1	20	50	819.00
ODHR1001000	1000/750	240/208	9,1	20	50	783.00
ODHR1001007	1000	347	9,1	20	50	816.00
ODHR1001500	1500/1125	240/208	9,1	20	50	783.00
ODHR1001507	1500	347	9,1	20	50	819.00
ODHR1002000	2000/1500	240/208	9,1	20	50	783.00
ODHR1002007	2000	347	9,1	20	50	821.00
ODHR1003000	3000/2250	240/208	9,1	20	50	783.00
ODHR1003007	3000	347	9,1	20	50	824.00
ODHR1004000	4000/3000	240/208	9,1	20	50	752.00
ODHR1004007	4000	347	9,1	20	50	838.00
ODHR1005000	5000/3750	240/208	9,1	20	50	805.00
ODHR1005007	5000	347	9,1	20	50	846.00
ODHR1006000	6000/4500	240/208	9,1	20	50	864.00
ODHR1006007	6000	347	9,1	20	50	873.00
ODHR1008000	8000/6000	240/208	9,1	20	50	1106.00
ODHR1008007	8000	347	9,1	20	50	902.00
ODHR1010000	10000/7500	240/208	9,1	20	50	1266.00
ODHR1010007	10000	347	9,1	20	50	1266.00
12 in. Duct (Height: 13 1/4 in., depth: 19 1/4 in.)						
ODHR1200500	500/375	240/208	10,4	23	50	784.00
ODHR1200507	500	347	10,4	23	50	803.00
ODHR1201000	1000/750	240/208	10,4	23	50	789.00
ODHR1201007	1000	347	10,4	23	50	801.00
ODHR1201500	1500/1125	240/208	10,4	23	50	788.00
ODHR1201507	1500	347	10,4	23	50	804.00
ODHR1202000	2000/1500	240/208	10,4	23	50	795.00
ODHR1202007	2000	347	10,4	23	50	809.00
ODHR1202500	2500	240/208	10,4	23	50	809.00
ODHR1202507	2500	347	10,4	23	50	809.00
ODHR1203000	3000/2250	240/208	10,4	23	50	809.00
ODHR1203007	3000	347	10,4	23	50	824.00
ODHR1204000	4000/3000	240/208	10,4	23	50	824.00
ODHR1204007	4000	347	10,4	23	50	824.00
ODHR1205000	5000/3750	240/208	10,4	23	50	824.00
ODHR1205007	5000	347	10,4	23	50	830.00
ODHR1206000	6000/4500	240/208	10,4	23	50	948.00
ODHR1206007	6000	347	10,4	23	50	948.00
ODHR1208000	8000/6000	240/208	10,4	23	50	1136.00
ODHR1208007	8000	347	10,4	23	50	1136.00
ODHR1210000	10000/7500	240/208	10,4	23	50	1296.00
ODHR1210007	10000	347	10,4	23	50	1296.00

* Used with CIR-048 only
Add -DIS for disconnect switch models



Electric Duct Heater Thermostats & Options

Product # Kit	Price	Description
D010	47.00	24V thermostat
D070	54.00	Remote duct thermostat (use with CIR-048 only)
ET120	123.00	0-10V electronic thermostat (Celsius only)
ET180	54.00	24V electronic thermostat (Celsius only)
KIT-SEN-005	154.00	Electronic air-flow sensor