

## HRA RESISTOR ASSEMBLIES



The HRA series of power, metal clad, wire wound resistors are designed for use in high power inverters. The basis for these models is an IRV resistors surrounded by a metal case, which conforms to international safety specifications. The steel case is powder coated and baked for durability.

### GENERAL SPECIFICATIONS

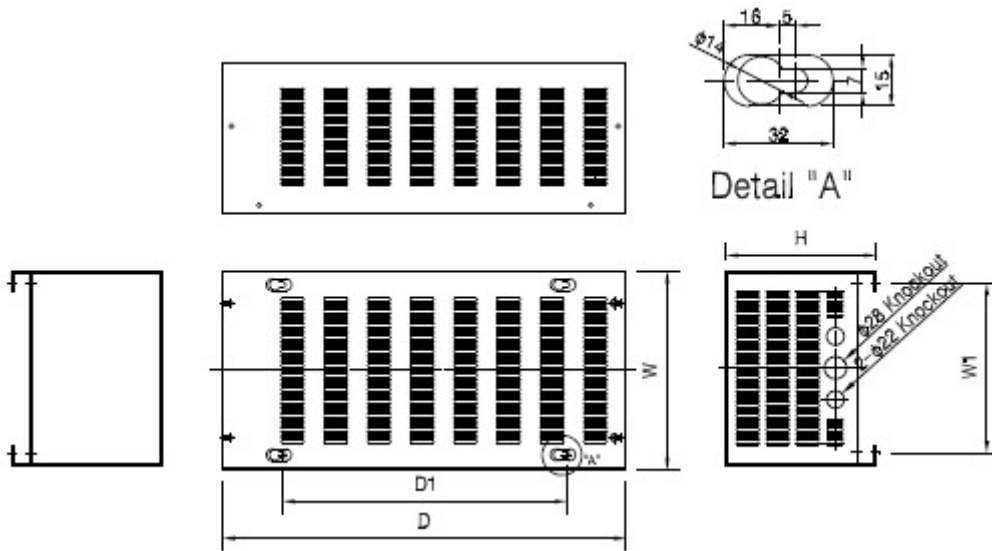
Model	Internal Resistor	Power Rating		Resistance Range [ohms]		Resistance Tolerance
		Free Air	Fan	Inductive	Non-Inductive	
HRA1600	2XIRV800	640W	960W	0.1-224	0.1-56	+-0.5(D) +-1.0(F) +-2.0(G) +-5.0(J) +-10(K)
HRA2000	2XIRV1000	800W	1200W	0.1-280	0.1-72	
HRA2400	3XIRV800	960W	1440W	0.1-336	0.1-84	
HRA3000	3XIRV1000	1100W	1650W	0.1-420	0.1-108	
HRA4000	4XIRV1000	1400W	2100W	0.1-560	0.1-144	
HRA5000	5XIRV1000	1600W	2400W	0.1-700	0.1-180	
HRA6000	6XIRV1000	1800W	2700W	0.1-840	0.1-216	
HRA7000	7XIRV1000	2100W	3150W	0.1-980	0.1-252	
HRA8000	8XIRV1000	2400W	3600W	0.1-1120	0.1-288	
HRA9000	9XIRV1000	2700W	4050W	0.1-1260	0.1-324	
HRA10000	10XIRV1000	3000W	4500W	0.1-1400	0.1-360	

### CHARACTERISTICS

1/Temperature Range	-55C to +200C	
2/Insulation Resistance	20Mohms minimum	
3/Dielectric Strength	Available options: 1500, 2500, 3500 (VAC); Max Leakage Current: 2mA	
4/Temp. Coefficient	+-260ppm/C maximum	
5/Short Time Overload	+-[2%+0.05 ohms]	10 X wattage rating 5s.
6/Moisture Resistance	+-[3%+0.05 ohms]	40C, 95% RH, DC100V case to terminal (500hrs.)
7/Thermal Shock	+-[2%+0.05 ohms]	Wattage rating 30min., -25C, 15minutes

**DIMENSIONS**

Model	Weight [Kg]	Dimensions [mm]				
		W±5	D±5	H±3	W1±2	D1±2
HRA1600	8.3	250	510	110	215	360
HRA2000	9	250	510	110	215	360
HRA2400	9.8	250	510	110	215	360
HRA3000	10.8	250	510	110	215	360
HRA4000	14.2	388	510	110	356	360
HRA5000	16.0	388	510	110	356	360
HRA6000	18.0	388	510	190	356	360
HRA7000	20.5	388	510	190	356	360
HRA8000	22.3	388	510	190	356	360
HRA9000	24.2	388	510	190	356	360
HRA10000	26.0	388	510	190	356	360



These models come with multiple conduit knockouts for easy wiring. The enclosure is well ventilated and meets int'l safety specs.

**ORDERING PROCEDURE EXAMPLE**

