

## ATEX GAS CYLINDER HEATERS

### Features & Benefits

- ▶ ATEX approved
- ▶ Fully insulated design maximizes efficiency
- ▶ Temperatures up to 392 °F (200 °C)
- ▶ Robust construction for indoor or outdoor use — IP65
- ▶ Grounded for increased safety
- ▶ 2 built-in PT100 RTD sensors for monitoring process temperature and high limit temperature
- ▶ Improves process control and reduces wasted condensed gas by creating a convection current and increasing the pressure inside the cylinder
- ▶ Gas known to benefit from this process: SF6, Propane, Nitrogen, Oxygen, BCl3, WF6, and HF

### Specifications

**Nominal Voltage:** 230 VAC

**Operating Temperatures:**

- Pressurized: -40°F to 122°F (-40°C to 50°C)
- Non-pressurized: -40°F to 392°F (-40°C to 200°C)

**Ambient Temperature Range:** -40°F to 140°F (-40°C to 60°C)

**Temperature Class:** T6, T5, T4, T3 (depending on temperature control limiter setpoint)

**Zones:** 1/2 (gas); 21/22 (dust)

**Sensor:** 2 standard 3-wire PT100 RTD sensors

**Power Cord:** 10 ft (3 m) long with crimped ferrule terminated leads

**IP Rating:** IP65



### Explosion protection marking

Gas II 2G Ex e mb IIC T3 Gb

Dust II 2D Ex e mb IIIC T120°C Db

-40°C ≤ Ta ≤ +60°C (ambient temperature)

### EC-type examination certificate

TPS 11 ATEX 29587 011 X

**Note:** Please consider the technical rules

TRG 310/TRBS 3145/TRGS 745

Maximum operating temperature 50°C (cylinder temperature)

### Ordering Information

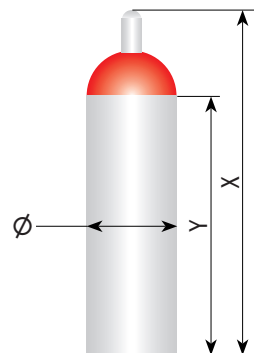
Part No. 230 VAC	Capacity l	Wattage	X Total Height in (mm)	Y Cylinder Height in (mm)	Ø Diameter in (mm)
WEXHB010-230ZE140-0080BHT3	10	380	39.8 (1010)	31.5 (800)	5.5 (140)
WEXHB050-230ZE230-0140BHT3	50	850	65.7 (1670)	55.1 (1400)	9.1 (230)
WEXHB079-230ZE318-0100BHT3	79	850	50.8 (1290)	39.4 (1000)	12.5 (318)



An ATEX certified temperature controller is required for use with this product

**Part No.: WEXRBL25-230ZESBH**

See page 171 for details



Custom Sizes and Designs Available: Contact BriskHeat® or your local distributor for more information.

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