

CV-1981 and CV-1983 Heavy-Duty Hot-Air Heating Tools

Product Facts

- Robust, double-insulated, heavy-duty unit
- Highest-wattage unit (1600–2260 watts)
- Integral stand that allows use as bench tool
- Safe, quiet operation
- Precisely variable temperature
- Variety of reflectors available
- Easy fixturing for dual opposing heating

Applications

Used for installing dual wall or single wall tubing up to three inches in diameter and for installing SolderSleeve devices. Closed loop version (PID) also available.



Technical Specification

| Electrical Supply  |                  |
|--------------------|------------------|
| CV-1981-MK2        | 120 V and 230 V  |
| CV-1983            | 120 V and 230 V  |
| CV-1981 PID        | 120 V and 230 V  |
| Power Consumption  |                  |
| CV-1981-MK2        | 1600 W           |
| CV-1983            | 2260 W/3060 W    |
| CV-1981 PID        | 1600 W           |
| Total System Noise |                  |
| CV-1981-MK2        | 65dB             |
| CV-1983            | 65dB             |
| CV-1981 PID        | >70dB            |
| Length             |                  |
| CV-1981-MK2        | 340 [13]         |
| CV-1983            | 320 [13]         |
| CV-1981 PID        | 350 [13]         |
| Weight             |                  |
| CV-1981-MK2        | 1.3 Kg [2.90 lb] |
| CV-1983            | 1.5 Kg [3.30 lb] |
| CV-1981 PID        | 1.4 Kg [3.10 lb] |
| Air Flow           |                  |
| CV-1981-MK2        | Max 230 l/min    |
| CV-1983            | Max 500 l/min    |
| CV-1981 PID        | 230 l/min        |

Product Range

All dual wall, single wall and molded part products.

Various devices products.

For other Raychem products , contact Tyco Electronics.

| Available in: | Americas | Europe | Asia Pacific |
|---------------|----------|--------|--------------|
|               | ■        | ■      | ■            |

Ordering Information

CV-1981 and CV-1983 Heavy-Duty Hot-Air Heating Tools (Continued)

| Equipment              | Description                | Part No.   | Voltage | Hz       |
|------------------------|----------------------------|------------|---------|----------|
| CV-1981-MK2            | CV-1981-120V1600W-CANMK2   | A42716-000 | 120V    | 50/60 Hz |
|                        | CV-1981-120V1600W-UKMK2    | E95798-000 | 120V    | 50/60 Hz |
|                        | CV-1981-230V1600WMMK2      | 813914-000 | 230V    | 50/60 Hz |
|                        | CV-1981-230V1600W-SEVMK2   | F25836-000 | 230V    | 50/60 Hz |
|                        | CV-1981-230V1600-UKMK2     | 340970-000 | 230V    | 50/60 Hz |
| CV-1983                | CV-1983-110V-2260W-UK      | 441753-000 | 120V    | 50/60 Hz |
|                        | CV-1983-220V-2260W         | 773898-000 | 230V    | 50/60 Hz |
|                        | CV-1983-220V-2260W-UK      | 985426-000 | 230V    | 50/60 Hz |
|                        | CV-1983-220V-3060W         | 538361-000 | 230V    | 50/60 Hz |
|                        | CV-1983-220V-3060W-UK      | 231866-000 | 230V    | 50/60 Hz |
| CV-1981-PID            | CV-1981-120V-1600W-CANPIDF | 839218-000 | 120V    | 50/60 Hz |
|                        | CV-1981-120V-1600W-UKPID   | 928826-000 | 120V    | 50/60 Hz |
|                        | CV-1981-230V-1600WPID      | 958770-000 | 230V    | 50/60 Hz |
|                        | CV-1981-230V-1600W-SEVPIDF | 434366-000 | 230V    | 50/60 Hz |
|                        | CV-1981-230V-1600W-UKPIDF  | 385828-000 | 230V    | 50/60 Hz |
| CV-1983 Barrel Adapter | AD-1962                    | 989172-000 | —       | —        |

Accessories

|   | Application  | Part No.   |
|---|--|------------|
| PR-12 reflector                           | Tubing: 6.3–25.4 mm [0.25–1 in]  | 991973-000 |
| PR-13 reflector                           | Tubing: Up to 6 mm [0.25 in]   | 991963-000 |
| PR-13C reflector                          | Large SolderSleeve products  | 991974-000 |
| PR-21 reflector                           | Tubing: Up to 25.4 mm [1 in]   | 991984-000 |
| PR-24 reflector                           | Tubing/molded parts: 25.4–34.93 mm [1–1.38 in]   | 991964-000 |
| PR-24A reflector                          | Tubing/molded parts: 34.93–60.33 mm [1.38–2.38 in]   | 991989-000 |
| PR-25 reflector                           | SolderSleeve products: Up to 7 mm [0.28 in]  | 991965-000 |
| PR-25D reflector                          | SolderSleeve products: 6.3–12.7 mm [0.25–0.50 in]  | 989523-000 |
| PR-26 reflector                           | Small SolderSleeve products  | 991967-000 |
| PR-33 reflector                           | SolderSleeve products: 19.05–25.4 mm [0.75–1 in]   | 997768-000 |
| AD-1962 adapter for larger-barrel CV-1983 | —  | 989172-000 |
| PR-34 reflector                           | SolderSleeve products: 12.0–20.0 mm [0.47–0.79 in]   | 989111-000 |
| PR-51                                     | Special narrow reflector for molded part transitions (21.5 x 3.5 mm nozzle) [.85 x .14 in] | 113069-000 |

\*Note: A42716 supersedes and replaces 538005  
340970 supersedes and replaces 923002