

# ARCHITECTURAL CABINET

ACW1000 SERIES

## THE POWERHOUSE OF CABINET CONVECTORS

The ACW1000 is a great option for heating large areas requiring higher than normal heat-loss recovery. With its high-density output of 1000 W per linear foot, engineers, architects and designers will no doubt appreciate this heater. It can heat large spaces that have little room to install heaters.



### INCREDIBLE HEAT DENSITY

UP TO 1000 W PER LINEAR FOOT

### AESTHETIC EXTRUDED ALUMINUM GRILLE

### PERFECT FOR PUBLIC PLACES

LARGE LOBBIES, SHOPPING MALLS, ETC.

### BLANK SECTIONS AVAILABLE

FOR A CONTINUOUS EFFECT



This unit is intended for commercial use. It can become very hot; domestic use is not recommended.

### IDEAL FOR:

SHOPPING MALL, HOSPITAL, LOBBY, CORRIDOR

### COLOURS

- standard: white, soft white
- ORORA (optional): denim blue, midnight blue, turquoise, moss green, canary yellow, red, orange, anodized aluminum paint, gravel gray, charcoal, espresso, black (refer to page 8 of the catalogue)

### FINISH

epoxy-polyester powdercoat

### MANUFACTURING

- 18-gauge steel cabinet, 16-gauge steel front panel and extruded aluminum grilles with a thickness equivalent to 13 gauge
- front air intake and top air discharge (front inlet and front outlet available\*)
- thermal protection with automatic reset
- full-length wireway

### ELEMENTS

four tubular elements, stainless steel sheathed with boxed aluminum fins for improved heat dissipation; the elements are securely fastened at their centers, floating in nylon sleeves at each end, eliminating expansion and contraction noises

### CONTROL

- wall thermostat (not included) – the use of an electronic thermostat is strongly recommended
- built-in tamper-proof thermostat accessible without removing front grille, installed in the left or right junction box (optional)
- low voltage relay kit installed in the left or right junction box (optional)

### INSTALLATION

- surface mounted or wall recessed\* with 4-piece trim frame (optional)
- wall or floor mounted with or without pedestal kit (optional)
- wiring compartments at both ends of unit
- blank sections (custom lengths) and accessories are available for a continuous effect (optional)

\* Front outlet [FF] for recessed installations available only in 600 W and 800 W densities per linear foot (see the technical specifications table)

# TECHNICAL SPECIFICATIONS

| STANDARD DENSITY<br>1000 W<br>PER LINEAR FOOT |       | MEDIUM DENSITY<br>800 W<br>PER LINEAR FOOT |       | LOW DENSITY<br>600 W<br>PER LINEAR FOOT |       | VOLTAGE | LENGTH |         | WEIGHT |    |
|-----------------------------------------------|-------|--------------------------------------------|-------|-----------------------------------------|-------|---------|--------|---------|--------|----|
| CODE                                          | WATTS | CODE                                       | WATTS | CODE                                    | WATTS | VOLTS   | MM     | IN.     | KG     | LB |
| ----                                          | 2000  | ----                                       | 1600  | ACW10006128                             | 1200  | 208     | 600    | 23 5/8  | 15.8   | 35 |
| ----                                          | 2000  | ----                                       | 1600  | ACW10006122                             | 1200  | 240     | 600    | 23 5/8  | 15.8   | 35 |
| ----                                          | 2000  | ----                                       | 1600  | ACW10006127                             | 1200  | 277     | 600    | 23 5/8  | 15.8   | 35 |
| ----                                          | 2000  | ----                                       | 1600  | ACW10006123                             | 1200  | 347     | 600    | 23 5/8  | 15.8   | 35 |
| ----                                          | 2000  | ----                                       | 1600  | ACW10006125                             | 1200  | 480     | 600    | 23 5/8  | 15.8   | 35 |
| ----                                          | 2000  | ----                                       | 1600  | ACW10006126                             | 1200  | 600     | 600    | 23 5/8  | 15.8   | 35 |
| ACW10009308                                   | 3000  | ACW10009248                                | 2400  | ACW10009188                             | 1800  | 208     | 900    | 35 7/16 | 24     | 53 |
| ACW10009302                                   | 3000  | ACW10009242                                | 2400  | ACW10009182                             | 1800  | 240     | 900    | 35 7/16 | 24     | 53 |
| ACW10009307                                   | 3000  | ACW10009247                                | 2400  | ACW10009187                             | 1800  | 277     | 900    | 35 7/16 | 24     | 53 |
| ACW10009303                                   | 3000  | ACW10009243                                | 2400  | ACW10009183                             | 1800  | 347     | 900    | 35 7/16 | 24     | 53 |
| ACW10009305                                   | 3000  | ACW10009245                                | 2400  | ACW10009185                             | 1800  | 480     | 900    | 35 7/16 | 24     | 53 |
| ACW10009306                                   | 3000  | ACW10009246                                | 2400  | ACW10009186                             | 1800  | 600     | 900    | 35 7/16 | 24     | 53 |
| ACW100012408                                  | 4000  | ACW100012328                               | 3200  | ACW100012248                            | 2400  | 208     | 1200   | 47 1/4  | 31.3   | 69 |
| ACW100012402                                  | 4000  | ACW100012322                               | 3200  | ACW100012242                            | 2400  | 240     | 1200   | 47 1/4  | 31.3   | 69 |
| ACW100012407                                  | 4000  | ACW100012327                               | 3200  | ACW100012247                            | 2400  | 277     | 1200   | 47 1/4  | 31.3   | 69 |
| ACW100012403                                  | 4000  | ACW100012323                               | 3200  | ACW100012243                            | 2400  | 347     | 1200   | 47 1/4  | 31.3   | 69 |
| ACW100012405                                  | 4000  | ACW100012325                               | 3200  | ACW100012245                            | 2400  | 480     | 1200   | 47 1/4  | 31.3   | 69 |
| ACW100012406                                  | 4000  | ACW100012326                               | 3200  | ACW100012246                            | 2400  | 600     | 1200   | 47 1/4  | 31.3   | 69 |
| ACW100015508                                  | 5000  | ACW100015408                               | 4000  | ACW100015308                            | 3000  | 208     | 1500   | 59 1/16 | 38.1   | 84 |
| ACW100015502                                  | 5000  | ACW100015402                               | 4000  | ACW100015302                            | 3000  | 240     | 1500   | 59 1/16 | 38.1   | 84 |
| ACW100015507                                  | 5000  | ACW100015407                               | 4000  | ACW100015307                            | 3000  | 277     | 1500   | 59 1/16 | 38.1   | 84 |
| ACW100015503                                  | 5000  | ACW100015403                               | 4000  | ACW100015303                            | 3000  | 347     | 1500   | 59 1/16 | 38.1   | 84 |
| ACW100015505                                  | 5000  | ACW100015405                               | 4000  | ACW100015305                            | 3000  | 480     | 1500   | 59 1/16 | 38.1   | 84 |
| ACW100015506                                  | 5000  | ACW100015406                               | 4000  | ACW100015306                            | 3000  | 600     | 1500   | 59 1/16 | 38.1   | 84 |
| ACW100018608                                  | 6000  | ACW100018488                               | 4800  | ACW100018368                            | 3600  | 208     | 1800   | 70 7/8  | 44.5   | 98 |
| ACW100018602                                  | 6000  | ACW100018482                               | 4800  | ACW100018362                            | 3600  | 240     | 1800   | 70 7/8  | 44.5   | 98 |
| ACW100018607                                  | 6000  | ACW100018487                               | 4800  | ACW100018367                            | 3600  | 277     | 1800   | 70 7/8  | 44.5   | 98 |
| ACW100018603                                  | 6000  | ACW100018483                               | 4800  | ACW100018363                            | 3600  | 347     | 1800   | 70 7/8  | 44.5   | 98 |
| ACW100018605                                  | 6000  | ACW100018485                               | 4800  | ACW100018365                            | 3600  | 480     | 1800   | 70 7/8  | 44.5   | 98 |
| ACW100018606                                  | 6000  | ACW100018486                               | 4800  | ACW100018366                            | 3600  | 600     | 1800   | 70 7/8  | 44.5   | 98 |

Add W for white or SW for soft white (see page 8 of the catalogue for optional colours and contact your °STELPRO representative for all other colours)

Add FF for front air outlet (available only in 600 W and 800 W densities per linear foot)

--- not available

## ACCESSORIES

| PRODUCT          | DESCRIPTION                                                                     |
|------------------|---------------------------------------------------------------------------------|
| CW1000T12*       | built-in tamper-proof single pole thermostat                                    |
| CW1000T22*       | built-in tamper-proof double pole thermostat                                    |
| CW1000RE153*     | built-in electronic low voltage relay [15 A @ 120 V-347 V]                      |
| CW1000RE156*     | built-in electronic low voltage relay [6 A @ 600 V]                             |
| CW1000RE153T*    | built-in electronic low voltage relay c/w transformer 24 V [15 A @ 208 V-347 V] |
| CW1000RM240T*    | electro. mecha. relay c/w transformer 24 V [6000 W @ 240 V and 5200 W @ 208 V]  |
| CW1000RM347T*    | electro. mecha. relay c/w transformer 24 V [6000 W @ 347 V]                     |
| CW1000RM347C*    | electro. mecha. relay w/o transformer 24 V [6000 W @ 120-347 V]                 |
| CW1000R841C1151* | built-in mechanical low voltage relay c/w transformer 24 V [6000 W @ 600 V]     |
| CW1000R841D1036* | built-in mechanical low voltage relay w/o transformer 24 V [6000 W @ 600 V]     |
| CW1000DIS6001P*  | disconnect switch [30 A @ 600 V] 2 pôles                                        |
| CW1000DIS6003P*  | disconnect switch [32 A @ 690 V] 3 pôles                                        |
| PK3*             | pedestal kit (kit of two)                                                       |
| CW1000JS*        | joiner strip (2 in. – 51 mm)                                                    |
| CW1000IC90*      | inside corner (back measures 9 13/16 in. – 249 mm long on each side)            |
| CW1000OC90*      | outside corner (back measures 9 13/16 in. – 249 mm long on each side)           |
| CW1000TB*        | 4-piece trim frame                                                              |
| CW1000CB**       | clean back (fully finished, no mounting holes or knockouts)                     |

Electronic relays can receive a PWM (pulsed width modulation) or digital (on/off) signal.

\* Add W for white or SW for soft white

\* Factory installed \* Factory installation is strongly recommended

## TECHNICAL DRAWINGS

