

# ACBH

## CABINET HEATER



## POWERFUL HEATER, IMPRESSIVE RESULTS

When you need a lot of high-efficiency heating, the ACBH is the right choice. Its resistant coating is well-suited to all types of commercial spaces and other high-traffic areas. This forced-air cabinet heater features unparalleled durability. It is also extremely versatile, with the option of recessed, semi-recessed or surface mounted installation, and a durable steel casing. The ACBH unit can be ceiling mounted when wall mounting is not an option. The ACBH ensures powerful, even air flow as the fan is coupled directly to the motor. The option of connecting it to a ventilation duct makes it even more adaptable. The CBH is your assurance of reliable heating for years to come.

- **POWERFUL WITH BIG AIRFLOW**
- **MULTIPLE INSTALLATION OPTIONS**  
RECESSED, SEMI-RECESSED, SURFACE MOUNTED TO A CEILING OR WALL
- **ROBUST AND DURABLE**

### COLOURS

- **standard:** white
- **Orora (optional):** refer to [www.stelpro.com/en-CA/Orora](http://www.stelpro.com/en-CA/Orora)

### FINISH

- epoxy-polyester powdercoat

### MANUFACTURING

- 18-gauge steel cabinet and 16-gauge steel front panel
- powerful motor with squirrel-cage blower and time-delay relay
- 1/15 hp (2 kW to 12 kW units); 1/5 hp (15 kW to 20 kW units)
- large variety of airflow configurations which are adaptable on the construction site
- thermal protection with automatic reset
- high intensity (factory setting)
- low intensity available when manufactured with high/low selection switch (optional)

### ELEMENT

- nichrome element producing instant heat

### CONTROL

- high/low switch (heating and ventilation) (available from 4 kW)
- connection of multiple units to the same thermostat is possible with a relay kit without transformer (optional) and an external transformer (not provided)

### INSTALLATION

- wall mounted
- ceiling mounted (maximum 12 ft. in height)
- surface mounted
- recessed or semi-recessed with four-piece trim frame (optional)

### WARRANTY

- three years

#### IDEAL FOR:

commercial space, hospital, shopping centre, school, sports arena

# °STELPRO

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# TECHNICAL SPECIFICATIONS

BUILT-IN THERMOSTAT	240 V CONTROL	24 V CONTROL		POWER	
CODE	CODE	CODE	VOLTS	KW	BTU/H
<b>24 IN. MODELS (2 KW TO 6 KW) / CFM 300 / 77 LB</b>					
ACBH0281CTW	ACBH0281CW	ACBH0281C24W	208	2	6825
ACBH0283CTW*	ACBH0283CW*	ACBH0283C24W*	208	2	6825
ACBH0221CTW	ACBH0221CW	ACBH0221C24W	240	2	6825
ACBH0271CTW	ACBH0271CW	ACBH0271C24W	277	2	6825
ACBH0251CTW	ACBH0251CW	ACBH0251C24W	480	2	6825
ACBH0253CTW*	ACBH0253CW*	ACBH0253C24W*	480	2	6825
ACBH0381CTW	ACBH0381CW	ACBH0381C24W	208	3	10 238
ACBH0383CTW*	ACBH0383CW*	ACBH0383C24W*	208	3	10 238
ACBH0321CTW	ACBH0321CW	ACBH0321C24W	240	3	10 238
ACBH0371CTW	ACBH0371CW	ACBH0371C24W	277	3	10 238
ACBH0351CTW	ACBH0351CW	ACBH0351C24W	480	3	10 238
ACBH0353CTW*	ACBH0353CW*	ACBH0353C24W*	480	3	10 238
ACBH0481CTW	ACBH0481CW	ACBH0481C24W	208	4	13 648
ACBH0483CTW*	ACBH0483CW*	ACBH0483C24W*	208	4	13 648
ACBH0421CTW	ACBH0421CW	ACBH0421C24W	240	4	13 648
ACBH0471CTW	ACBH0471CW	ACBH0471C24W	277	4	13 648
ACBH0451CTW	ACBH0451CW	ACBH0451C24W	480	4	13 648
ACBH0453CTW*	ACBH0453CW*	ACBH0453C24W*	480	4	13 648
ACBH0581CTW	ACBH0581CW	ACBH0581C24W	208	5	17 064
ACBH0583CTW*	ACBH0583CW*	ACBH0583C24W*	208	5	17 064
ACBH0521CTW	ACBH0521CW	ACBH0521C24W	240	5	17 064
ACBH0571CTW	ACBH0571CW	ACBH0571C24W	277	5	17 064
ACBH0551CTW	ACBH0551CW	ACBH0551C24W	480	5	17 064
ACBH0553CTW*	ACBH0553CW*	ACBH0553C24W*	480	5	17 064
ACBH0681CTW	ACBH0681CW	ACBH0681C24W	208	6	20 476
ACBH0683CTW*	ACBH0683CW*	ACBH0683C24W*	208	6	20 476
ACBH0621CTW	ACBH0621CW	ACBH0621C24W	240	6	20 476
ACBH0671CTW	ACBH0671CW	ACBH0671C24W	277	6	20 476
ACBH0651CTW	ACBH0651CW	ACBH0651C24W	480	6	20 476
ACBH0653CTW*	ACBH0653CW*	ACBH0653C24W*	480	6	20 476
<b>36 IN. MODELS (8 KW TO 12 KW) / CFM 600 / 95 LB</b>					
ACBH0881CTW	ACBH0881CW	ACBH0881C24W	208	8	27 302
ACBH0883CTW*	ACBH0883CW*	ACBH0883C24W*	208	8	27 302
ACBH0821CTW	ACBH0821CW	ACBH0821C24W	240	8	27 302
ACBH0871CTW	ACBH0871CW	ACBH0871C24W	277	8	27 302
ACBH0851CTW	ACBH0851CW	ACBH0851C24W	480	8	27 302
ACBH0853CTW*	ACBH0853CW*	ACBH0853C24W*	480	8	27 302
ACBH1081CTW	ACBH1081CW	ACBH1081C24W	208	10	34 127
ACBH1083CTW*	ACBH1083CW*	ACBH1083C24W*	208	10	34 127
ACBH1021CTW	ACBH1021CW	ACBH1021C24W	240	10	34 127
ACBH1071CTW	ACBH1071CW	ACBH1071C24W	277	10	34 127
ACBH1051CTW	ACBH1051CW	ACBH1051C24W	480	10	34 127
ACBH1053CTW*	ACBH1053CW*	ACBH1053C24W*	480	10	34 127
ACBH1283CTW*	ACBH1283CW*	ACBH1283C24W*	208	12	40 952
ACBH1221CTW	ACBH1221CW	ACBH1221C24W	240	12	40 952
ACBH1271CTW	ACBH1271CW	ACBH1271C24W	277	12	40 952
ACBH1253CTW*	ACBH1253CW*	ACBH1253C24W*	480	12	40 952
<b>48 IN. MODELS (15 KW TO 20 KW) / CFM 1000 / 112 LB</b>					
ACBH1583CTW*	ACBH1583CW*	ACBH1583C24W*	208	15	51 191
ACBH1521CTW	ACBH1521CW	ACBH1521C24W	240	15	51 191
ACBH1571CTW	ACBH1571CW	ACBH1571C24W	277	15	51 191
ACBH1553CTW*	ACBH1553CW*	ACBH1553C24W*	480	15	51 191
ACBH1883CTW*	ACBH1883CW*	ACBH1883C24W*	208	18	61 429
ACBH1821CTW	ACBH1821CW	ACBH1821C24W	240	18	61 429
ACBH1871CTW	ACBH1871CW	ACBH1871C24W	277	18	61 429
ACBH1853CTW*	ACBH1853CW*	ACBH1853C24W*	480	18	61 429
ACBH2083CTW*	ACBH2083CW*	ACBH2083C24W*	208	20	68 254
ACBH2021CTW	ACBH2021CW	ACBH2021C24W	240	20	68 254
ACBH2071CTW	ACBH2071CW	ACBH2071C24W	277	20	68 254
ACBH2053CTW*	ACBH2053CW*	ACBH2053C24W*	480	20	68 254

Consult the optional colors chart or contact your Stelpro representative for all other colors.

\* Three-phase unit

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## ACCESSORIES

PRODUCT	DESCRIPTION
CBHT1	built-in tamper-proof single pole thermostat
CBHFS*	fan switch
CBHMS*	on/off switch
CBHHL*	high/low switch (available from 4 kW)
CBHTB24W	four-piece trim frame (24 in. – 610 mm units)
CBHTB36W	four-piece trim frame (36 in. – 914 mm units)
CBHTB48W	four-piece trim frame (48 in. – 1219 mm units)
CBHSB24W	sub-base (24 in. – 610 mm units)
CBHSB36W	sub-base (36 in. – 914 mm units)
CBHSB48W	sub-base (48 in. – 1219 mm units)
CBHCB24W*	clean back (fully finished, no mounting holes or knockouts) (24 in. – 610 mm units)
CBHCB36W*	clean back (fully finished, no mounting holes or knockouts) (36 in. – 914 mm units)
CBHCB48W*	clean back (fully finished, no mounting holes or knockouts) (48 in. – 1219 mm units)
CBHC24RX*	relay kit without transformer 24 V
CBHDIS 80A*	built-in disconnect switch [80 A]
CBHR24M*	motorized fresh air damper for 24 inch unit – round collar (4 to 6 in.) (for FF, FT or FB configurations only)
CBHR36M*	motorized fresh air damper for 36 inch unit – round collar (4 to 6 in.) (for FF, FT or FB configurations only)
CBHR48M*	motorized fresh air damper for 48 inch unit – round collar (4 to 6 in.) (for FF, FT or FB configurations only)
CBHS24*	fresh air inlet for 24 inch unit – square collar (max 10 in. L x 8 in. H)
CBHS36*	fresh air inlet for 36 inch unit – square collar (max 21 in. L x 8 in. H)
CBHS48*	fresh air inlet for 48 inch unit – square collar (max 31 3/4 in. L x 8 in. H)
CBHR24*	fresh air inlet for 24 inch unit – round collar (4 to 8 in.)
CBHR36*	fresh air inlet for 36 inch unit – round collar (4 to 8 in.)
CBHR48*	fresh air inlet for 48 inch unit – round collar (4 to 8 in.)

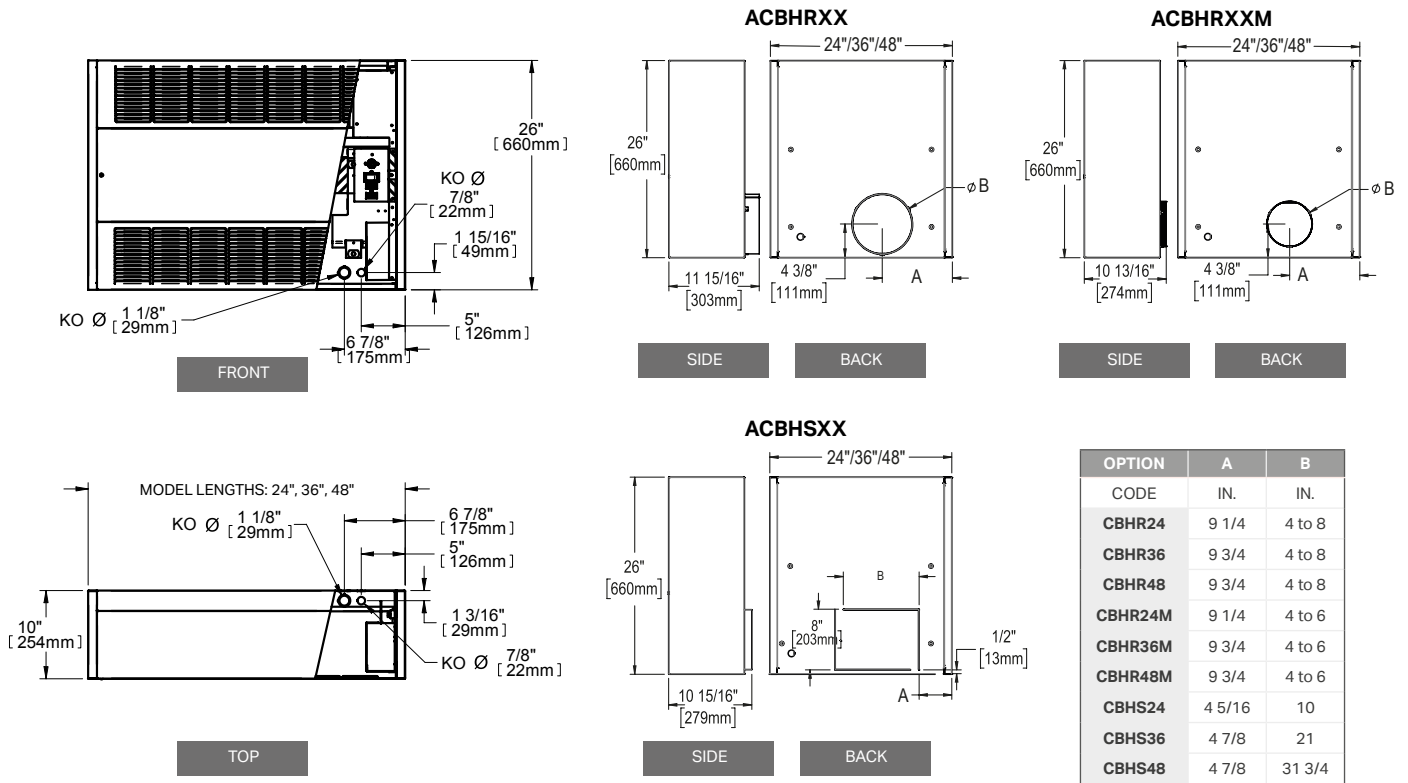
\* Factory installed

## HEAT RISE AND AIRFLOW

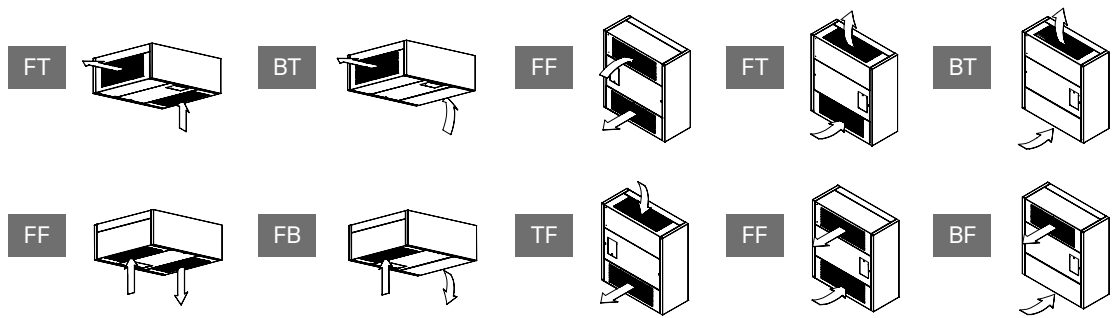
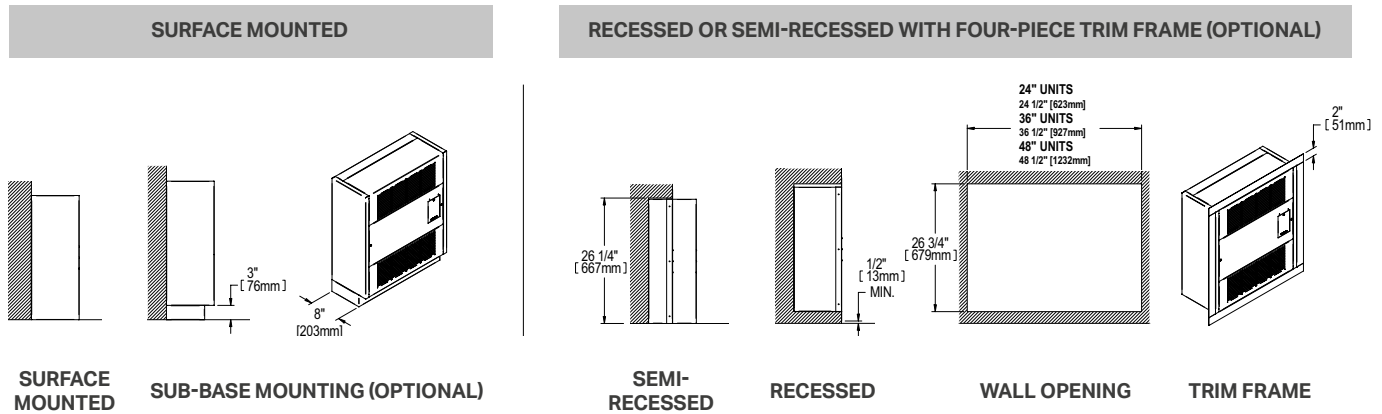
UNITS		AIRFLOW
KW	°F	CFM
2	21	300
3	32	300
4	42	300
5	53	300
6	63	300
8	42	600
10	53	600
12	63	600
15	47	1000
18	57	1000
20	63	1000

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# TECHNICAL DRAWINGS



# INSTALLATION



SEVERAL AIRFLOW CONFIGURATIONS ARE POSSIBLE AND ADAPTABLE ON CONSTRUCTION SITE:  
F = FRONT, T = TOP, B = BOTTOM