



Marc Climatic Controls, Inc.

IEC ZONE 2 HAZARDOUS AREA

Wall Mount *Air Conditioner-Pressurizer*

WCPF-G Series for Switchgear Buildings,

MCC Rooms, Control Rooms, and Similar Buildings

Positive Pressurization & Ventilation

- *IEC Zone 2, Gas Group IIB, Temperature Class T3 (200°C) Pressurization and Condenser (Outdoor) Sections.*
- *Heating is general purpose electric resistance type for use after the room has been declassified.*
- *Maintains positive room pressure and provides make-up air for ventilation.*
- *Purge blower automatically delivers maximum air flow through open doors.*
- *Saves installation time and wall space.*

Features:

- Only one cut-out required in building wall.
- Completely pre-wired for fast installation.
- Room pressure gauge, thermostat, and selector switches conveniently located on control panel door.
- Room pressure is easily adjustable from inside the room.
- Non-sparking blower wheels and condenser fan blades.
- Armored and sheathed power cables.
- Non-sparking motors (protection type "de").
- Flameproof enclosure for arcing components (protection type "d").
- Intrinsically safe circuit for thermostat (protection type "ia").
- Fresh air stack connection.

WCPF-G SERIES



Options:

- Stainless steel cabinet for maximum protection.
- Corrosion coatings extend cabinet and coil life in harsh environments for reduced maintenance and increased long-term cost savings.
- Copper-finned, copper tube coils.
- Steam heating coil integral to unit allows for low cost heating.
- Humidistat.
- Disconnect.
- Fresh air stack with raincap and birdscreen. (specify guy-wire type or free standing).
- Special customer requirements.
- Gas Group IIC.

WALL MOUNT AIR CONDITIONER- PRESSURIZER WCPF-G SERIES

PRESSURIZATION SYSTEM & CONDENSER (OUTDOOR) SECTION: IEC ZONE 2, GAS GROUP IIB, TEMPERATURE CLASS T3 (200°C) - 60 HZ -

The air conditioner-pressurizers shown below are suitable for use in IEC Zone 2, IIB, T3 hazardous areas for the PRESSURIZATION SYSTEM AND THE OUTDOOR (CONDENSER) SECTION ONLY. The heating and cooling modes are to be energized ONLY after the room has been declassified to non-hazardous by the pressurization portion of the unit. These systems are used to provide cooling, heating, and positive pressure inside a closed room while providing make-up air for purging and forced ventilation through wall louvers (if used), and for purging through doors when opened.

<i>Model</i>	<i>Cooling BTUH *</i>	<i>Standard Heat (KW)</i>	<i>Optional Heat (KW)</i>	<i>Volts Phase Hertz</i>	<i>Number of 3' x 7' Doors for 60 FPM Purge</i>
WCPF018-216-03G	18,300	3	5	230/208-1-60	ONE
WCPF024-216-03G	24,000	3	5	230/208-1-60	ONE
WCPF024-236-03G	24,000	3	4.5	230/208-3-60	ONE
WCPF030-216-06G	31,000	6	4.5, 7.5, 9	230/208-1-60	UP TO TWO
WCPF030-236-06G	31,000	6	4.5, 9	230/208-3-60	UP TO TWO
WCPF030-436-06G	31,000	6	4.5, 9, 12	460-3-60	UP TO TWO
WCPF036-216-06G	36,000	6	4.5, 7.5, 9	230/208-1-60	UP TO TWO
WCPF036-236-06G	36,000	6	4.5, 9	230/208-3-60	UP TO TWO
WCPF036-436-06G	36,000	6	4.5, 9, 12	460-3-60	UP TO TWO
WCPF042-216-06G	43,000	6	5, 8, 9, 10, 12	230/208-1-60	UP TO THREE
WCPF042-236-09G	43,000	9	6, 12, 18	230/208-3-60	UP TO THREE
WCPF042-436-09G	43,000	9	6, 12, 18	460-3-60	UP TO THREE
WCPF048-216-06G	47,500	6	5, 8, 9, 10, 12	230/208-1-60	UP TO THREE
WCPF048-236-09G	47,500	9	6, 12, 18	230/208-3-60	UP TO THREE
WCPF048-436-09G	47,500	9	6, 12, 18	460-3-60	UP TO THREE
WCPF060-216-06G	57,500	6	5, 8, 9, 10, 12	230/208-1-60	UP TO THREE
WCPF060-236-09G	57,500	9	6, 12, 18	230/208-3-60	UP TO THREE
WCPF060-436-09G	57,500	9	6, 12, 18	460-3-60	UP TO THREE
WCPF070-236-09G	67,000	9	6, 12, 18	230/208-3-60	UP TO THREE
WCPF070-436-09G	67,000	9	6, 12, 18	460-3-60	UP TO THREE

* Rated at 95°F ambient with 80° DB / 67° WB return air temperature.

Specifications are subject to change without notice.

6-17-05



Marc Climatic Controls, Inc.

P. O. Box 218309 • Houston, Texas 77218 USA

Phone (713) 464-8587 • Fax (713) 468-8810

www.marcclimatic.com • E-mail: sales@marcclimatic.com

COPYRIGHT © 2005 Marc Climatic Controls, Inc. All Rights Reserved

WALL MOUNT AIR CONDITIONER- PRESSURIZER WCPF-G SERIES

PRESSURIZATION SYSTEM & CONDENSER (OUTDOOR) SECTION: IEC ZONE 2, GAS GROUP IIB, TEMPERATURE CLASS T3 (200°C) - 50 HZ -

The air conditioner-pressurizers shown below are suitable for use in IEC Zone 2, IIB, T3 hazardous areas for the PRESSURIZATION SYSTEM AND THE OUTDOOR (CONDENSER) SECTION ONLY. The heating and cooling modes are to be energized ONLY after the room has been declassified to non-hazardous by the pressurization portion of the unit. These systems are used to provide cooling, heating, and positive pressure inside a closed room while providing make-up air for purging and forced ventilation through wall louvers (if used), and for purging through doors when opened.

<i>Model</i>	<i>Cooling BTUH *</i>	<i>Standard Heat (KW)</i>	<i>Optional Heat (KW)</i>	<i>Volts Phase Hertz</i>	<i>Number of 3' x 7' Doors for 60 FPM Purge</i>
WCPF015-215-04G	15,200	4.2	6.7, 8.3	220-1-50	ONE
WCPF020-215-04G	20,000	4.2	6.7, 8.3	220-1-50	ONE
WCPF020-235-05G	20,000	5	7.5	220-3-50	ONE
WCPF025-215-06G	25,800	6.7	4.2, 8.3, 12.5	220-1-50	UP TO TWO
WCPF025-235-05G	25,800	5	7.5, 12.5	220-3-50	UP TO TWO
WCPF025-435-05G	25,800	5	7.5, 12.5	380/420-3-50	UP TO TWO
WCPF030-215-06G	30,000	6.7	4.2, 8.3, 12.5	220-1-50	UP TO TWO
WCPF030-235-05G	30,000	5	7.5, 12.5	220-3-50	UP TO TWO
WCPF030-435-05G	30,000	5	7.5, 12.5	380/420-3-50	UP TO TWO
WCPF035-215-08G	35,800	8.3	4.2, 6.7, 12.5	220-1-50	UP TO THREE
WCPF035-235-07G	35,800	7.5	12.5, 15	220-3-50	UP TO THREE
WCPF035-435-07G	35,800	7.5	12.5, 15	380/420-3-50	UP TO THREE
WCPF040-215-08G	39,500	8.3	4.2, 6.7, 12.5	220-1-50	UP TO THREE
WCPF040-235-07G	39,500	7.5	12.5, 15	220-3-50	UP TO THREE
WCPF040-435-07G	39,500	7.5	12.5, 15	380/420-3-50	UP TO THREE
WCPF048-215-08G	47,900	8.3	4.2, 6.7, 12.5	220-1-50	UP TO THREE
WCPF048-235-07G	47,900	7.5	12.5, 15	220-3-50	UP TO THREE
WCPF048-435-07G	47,900	7.5	12.5, 15	380/420-3-50	UP TO THREE
WCPF056-235-07G	55,800	7.5	12.5, 15	220-3-50	UP TO THREE
WCPF056-435-07G	55,800	7.5	12.5, 15	380/420-3-50	UP TO THREE

* Rated at 95°F ambient with 80° DB / 67° WB return air temperature.

Specifications are subject to change without notice.

6-12-05



Marc Climatic Controls, Inc.

P. O. Box 218309 • Houston, Texas 77218 USA

Phone (713) 464-8587 • Fax (713) 468-8810

www.marcclimatic.com • E-mail: sales@marcclimatic.com

COPYRIGHT © 2005 Marc Climatic Controls, Inc. All Rights Reserved