



Capstone Turbine Corporation
6430 Independence Ave.
Woodland Hills, CA. 91367
(877) 282-8966

Capstone MicroTurbine™ Model No.: 330

Part No:

Output: 30kW, 40kVA

per phase rms, Maximum

Voltage: 400 – 480 VAC

Frequency: 50/60 Hz

Phases: 3

Life: 96,000

Protection: 3R • Rainproof

Protection System Class: N

Operating Ambient Temperature: -20°C to +50°C

Power Emissions: 9ppmV NOx; • 15% CO₂

508889-105

Serial No:

001433

Date of Manufacture

04/03/01



US LISTED

(ENGINE-GENERATOR FOR
PRIME POWER USE)

Product may be covered by one or more of the following U.S. Patents: 5,427,455; 5,529,398; 5,697,848; 5,827,040; 5,850,733; 5,850,732; 5,915,841; Other Patents Pending

Made in the U.S.A.

508826-002

BACK-UP EMERGENCY STOP PROCEDURE:

Turn main electrical disconnect
and inlet gas valve OFF.



Capstone Turbine Corporation
6430 Independence Ave.
Woodland Hills, CA. 91367
(877) 282-8966

Capstone MicroTurbine™ Model No.: 330

Power Output: 30kW, 40kVA

46A per phase rms, Maximum

Voltage: 400 – 480 VAC

Frequency: 50/60 Hz

Phase: 3

RPM 96,000

Type 3R • Rainproof

Insulation System Class: N

Rated Ambient Temperature: -20°C to +50°C

Full Power Emissions; 9ppmV NOx; • 15% 02

Part No:

508889-105

Serial No:

001434

Date of Manufacture

04/04/01



US LISTED

(ENGINE-GENERATOR FOR
PRIME POWER USE)

Made in the U.S.A.

508826-002

This product may be covered by one or more of the following U.S. Patents: 5,427,455; 5,529,398; 5,697,848; 5,827,040; 5,819,524; 5,850,733; 5,850,732; 5,915,841; Other Patents Pending

BACK-UP EMERGENCY STOP PROCEDURE:

Turn main electrical disconnect
and inlet gas valve OFF.



MODEL NO.

SZN22C1A-ABX-201



SERIAL NO.

011A0875



495-0352-00

5-01

VOLTS

480 - VAC
480 - VAC

PEAK OPERATING AMPS

16.0

PH

3

HZ

60
50

MAX DELIVERY FLOW CAPACITY

29.0
SCFM

49.3
M³/HR

MAX DELIVERY PRESSURE

125.0
PSIA

8.6
BAR

INLET GAS PRESSURE

MIN

15.0
PSIA

1
BAR

MAX

30.0
PSIA

2.1
BAR

DISCHARGE PRESSURE SETTING

85
PSIA

5.9
BAR

MIN INLET PRESSURE DEVICE SETTING

2
INCHES W.C.

5
mBAR

COPELAND CORPORATION

1675 W. CAMPBELL ROAD BOX 888

SIDNEY, ON L3S 8S5-0000

DESIGNED FOR USE WITH NATURAL GAS

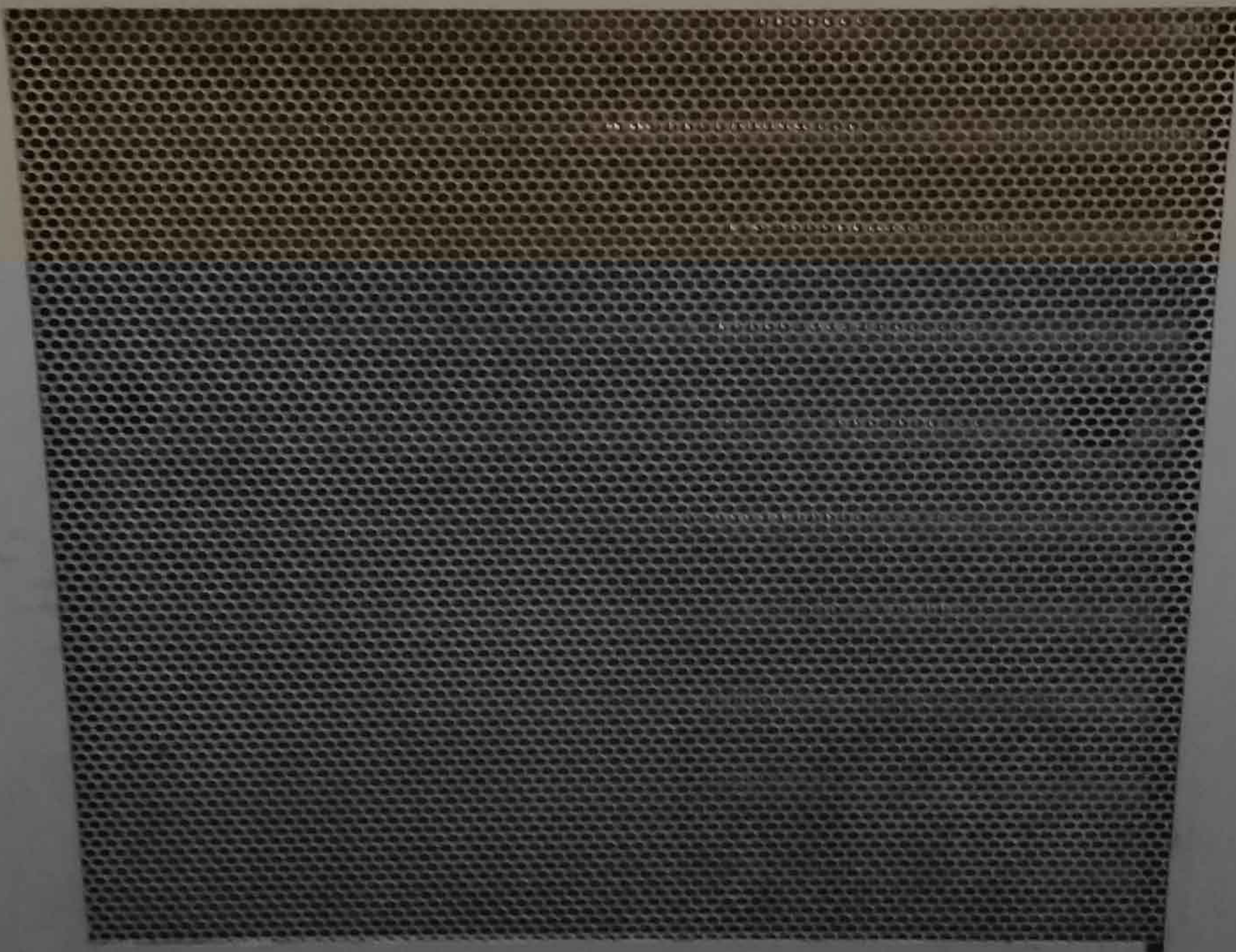
ENCLOSURE IPX4D

TYPE SR



DO NOT
STACK







DO NOT
STACK

207

208



207

208





HEAVY DUTY
SAFETY SWITCH
INTERLOCKING
DE
SERVICIO FERRADO
DANGER / PELIGRO

WARNING
Risk of Electric Shock.
Must wear one disconnect switch is
required in the energized equipment
before servicing.

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Must wear one disconnect switch is
required in the energized equipment
before servicing.

FOR USE WITH DABEOR
FIELD ONLY
See operating procedure
for connecting procedure
See also instructions
See delivery form



↑↑
FRAGILE
DO NOT
STACK

Control panel with the following components:

- BATT START** button
- Keypad**:
 - Row 1: 1, 2, 3
 - Row 2: 4, 5, 6
 - Row 3: 7, 8, 9
 - Row 4: +/-, 0, °C
- Display**: A rectangular red LED display showing a grid of segments.
- Navigation Buttons**: Four vertical buttons to the right of the display, and a large **ACCEPT** button below the minus and plus buttons.
- Control Buttons**:
 - and **+** buttons
 - START** and **ENABLE** buttons (top right)
 - STOP** and **DISABLE** buttons (bottom right)
 - A **Play** button (triangle icon) to the left of the START/STOP buttons.

OPERATING INSTRUCTIONS

When electrical power is supplied to the Main Circuit Breaker and the Circuit Breaker is on, the "Power On" light located on the front panel remains illuminated, indicating that the system is in standby mode.

2. During normal operations, the 1" and 3/4" isolation valves should remain in the open position.
3. When the remote signal is applied, the internal power operated gas valve opens and the system will start and continue to operate as long as the run signal is present.
4. Removing the run signal stops system operation, returning the system to the standby mode.

If unit fails to run, refer to the "Operations" section of the system manual. If system manual is lost, contact:
Copeland Corporation
1675 W. Campbell Rd.
Sidney, Ohio 45365
(937) 493-2334

7-00 052-0946-00

WARNING: USE ONLY IN A WELL-VENTED AREA. IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE, OR MAINTENANCE CAN CAUSE INJURY OR PROPERTY DAMAGE. REFER TO THE OWNER'S MANUAL PROVIDED WITH THIS FUEL GAS BOOSTER. FOR ASSISTANCE OR ADDITIONAL INFORMATION, CONSULT A CLASSIFIED INSTALLER, SERVICE AGENCY, OR THE GAS SUPPLIER.

THIS SYSTEM MUST BE INSTALLED AND USED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LOCAL CODES.

FOR PROPER OPERATION, 36 INCHES CLEARANCE FROM OBSTRUCTION MUST BE PROVIDED AT ALL ACCESS PANELS.

7-00 052-0943-00

FOR YOUR SAFETY

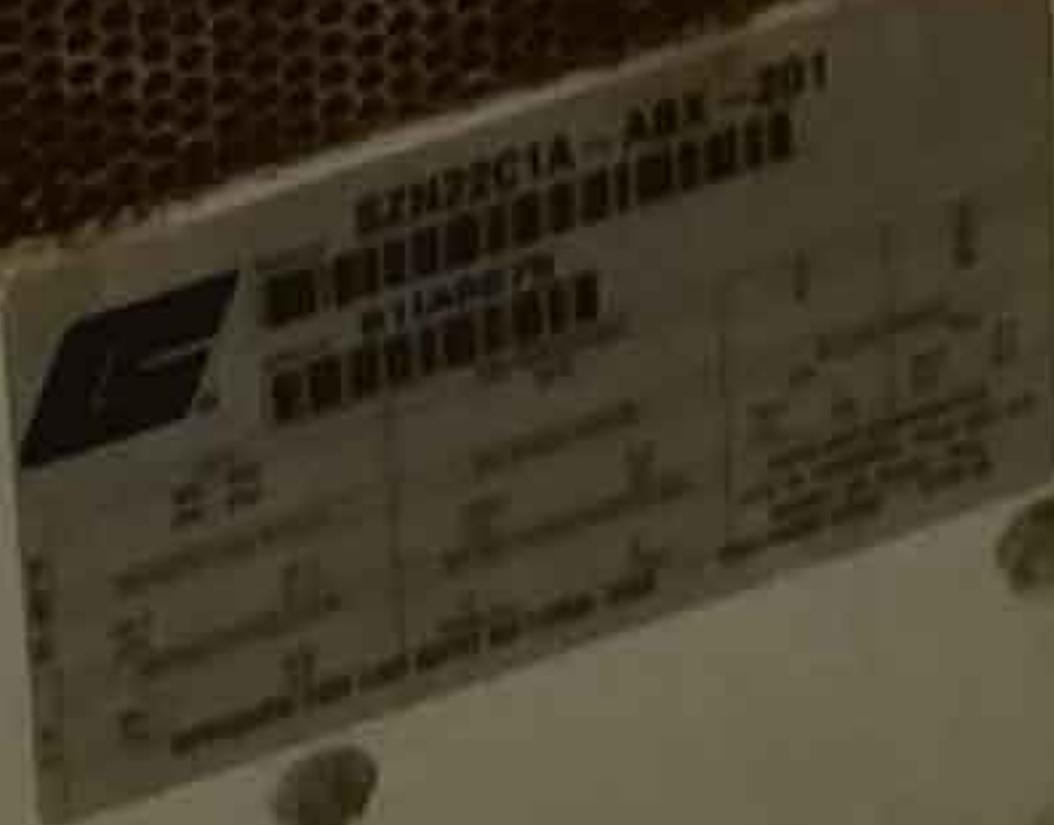
DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

USE ONLY IN A WELL-VENTILATED AREA

IF YOU SMELL NATURAL GAS

1. OPEN WINDOWS.
2. DO NOT TOUCH ELECTRICAL SWITCHES.
3. EXTINGUISH ANY OPEN FLAME.
4. IMMEDIATELY EVACUATE THE AREA AND CALL YOUR GAS SUPPLIER.
5. HAVE A QUALIFIED, TRAINED INDIVIDUAL SHUT DOWN THE SYSTEM AND CLOSE THE GAS SUPPLY LINE VALVE.

7-00 052-0944-00







21755210







FRB1

LARGE FRB

Copeland Scroll
FUEL GAS BOOSTER

POWER ON

REVERSE

FAULT

RESET





MODEL NO.

SZN22C1A - ABX - 201

SERIAL NO.

011A0875

VOLTS

480 - VAC

480 - VAC

PEAK OPERATING AMPS

16.0

PH

3

WT

60

30

MAX DELIVERY FLOW CAPACITY

29.0

SCFM

49.3

SCFM

MAX DELIVERY PRESSURE

125.0

PSIA

8.6

BAR

INLET GAS PRESSURE

PSIA

15.0

PSIA

1

BAR

PSIA

30.0

PSIA

2.1

BAR

DISCHARGE PRESSURE SETTING

15

PSIA

5.9

BAR

MIN INLET PRESSURE SVCS SETTING

0

PSIA

0

BAR

COPELAND CORPORATION

1875 W. CAMDEN ROAD SUITE 100

BIRMINGHAM, AL 35202-3000

DESIGNED FOR USE WITH NATURAL GAS

ENCLOSURE 2700

TYPE 20

480-0352-00

1-91