FOR QUESTIONS, CALL THE
Southern California Office
REGION 86
PHONE: (714) 957-1500
EMAIL: reg86@captiveaire.com

PATENT NUMBERS

AC-PSP (UNITED STATES) - US PATENT 7963830 B2.
AC-PSP WALL (CANADA) - CA PATENT 2820509.
AC-PSP ISLAND (CANADA) - CA PATENT 2520330.

*HOOD INFORMATION – JOB#5343821*

| HOOD NO | TAG | MODEL | MANUFACTURER | LENGTH | MAX COOKING TEMP | TYPE | APPLIANCE DUTY | DESIGN CFM/FT | TOTAL EXH CFM | EXHAUST PLENUM RISER(S) WIDTH | LENG | HEIGHT | DIA | CFM | VEL | SP | MUA CFM | AC CFM | HOOD CONSTRUCTION | HOOD CONFIG END TO END | ROW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 4824 ND-2-ACPSP-F | CAPTIVEAIRE | 11' 11" | 600 DEG | I | HEAVY | 260 | 3100 | | | 4" | 18" | 3100 | 1754 | -1.026" | 2480 | 466 | 430 SS WHERE EXPOSED | LEFT | ALONE |
| 2 | | 4824 ND-2-ACPSP-F | CAPTIVEAIRE | 11' 11" | 600 DEG | I | HEAVY | 260 | 3100 | | | 4" | 18" | 3100 | 1754 | -1.026" | 2480 | 466 | 430 SS WHERE EXPOSED | RIGHT | ALONE |

*HOOD INFORMATION*

| HOOD NO | TAG | FILTER(S) TYPE | QTY | HEIGHT | LENGTH | EFFICIENCY @ 7 MICRONS | LIGHT(S) QTY | TYPE | WIRE GUARD | UTILITY CABINET(S) LOCATION | SIZE | FIRE SYSTEM TYPE | FIRE SYSTEM SIZE | ELECTRICAL MODEL # | SWITCHES QUANTITY | FIRE SYSTEM PIPING | HOOD HANGING WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | CAPTRATE SOLO FILTER | 8 | 20" | 16" | 85% SEE FILTER SPEC | 6 | L55 SERIES E26 | NO | WALL MNT | 12"x54"x24" | ANSUL R-102 | 3.0/3.0/3.0 | DCV-2111 | 1 LIGHT<br>1 FAN | YES | 643 LBS |
| 2 | | CAPTRATE SOLO FILTER | 8 | 20" | 16" | 85% SEE FILTER SPEC | 6 | L55 SERIES E26 | NO | RIGHT | 20"x48"x24" | | | | | YES | 732 LBS |

*HOOD OPTIONS*

| HOOD NO | TAG | OPTION |
|---|---|---|
| 1 | | LEFT END STANDOFF (FINISHED) 3" WIDE 48" LONG. |

*PERFORATED SUPPLY PLENUM(S)*

| HOOD NO | TAG | PDS | LENGTH | WIDTH | HEIGHT | TYPE | RISER(S) WIDTH | LENG | DIA | CFM | SP |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | Front | 146" | 22" | 6" | MUA | 10" | 28" | | 1239 | 0.514" |
| | | | | | | MUA | 10" | 28" | | 1239 | 0.514" |
| | | | | | | AC | | | 8" | 233 | 0.132" |
| | | | | | | AC | | | 8" | 233 | 0.132" |
| 2 | | Front | 163" | 22" | 6" | MUA | 10" | 28" | | 1240 | 0.487" |
| | | | | | | MUA | 10" | 28" | | 1240 | 0.487" |
| | | | | | | AC | | | 8" | 233 | 0.119" |
| | | | | | | AC | | | 8" | 233 | 0.119" |

*WALL-MOUNT UTILITY CABINET*

| HOOD NO | LOCATION | SIZE | UTILITY CABINET(S) FIRE SYSTEM TYPE | FIRE SYSTEM SIZE | ELECTRICAL MODEL # | SWITCHES QUANTITY | WEIGHT |
|---|---|---|---|---|---|---|---|
| 1 | WALL MNT | 12"x54"x24" | ANSUL R-102 | 3.0/3.0/3.0 | DCV-2111 | 1 LIGHT<br>1 FAN | 305.00 LBS |

*FIRE SYSTEM INFORMATION – JOB#5343821*

| FIRE SYSTEM NO | TAG | TYPE | SIZE | FLOW POINTS | INSTALLATION SYSTEM | LOCATION ON HOOD |
|---|---|---|---|---|---|---|
| 1 | | ANSUL R102 | 3.0/3.0/3.0 | 29 | WALL UTILITY CABINET LEFT | N/A |

*GAS VALVE(S)*

| FIRE SYSTEM NO | TAG | TYPE | SIZE | SUPPLIED BY |
|---|---|---|---|---|
| 1 | | MECHANICAL | 2.500 | CAPTIVEAIRE SYSTEMS |

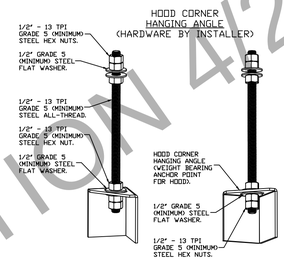
NOTE: UNLESS OTHERWISE STATED, PANDA RESTAURANT GROUP SHALL PROVIDE ALL EQUIPMENT ON THE FOLLOWING CAPTIVEAIRE SHEETS, INCLUDING: HOODS, FIRE SYTEM, EXHAUST FANS, SUPPLY FAN, BATHROOM FAN AND ELECTRICAL INTERLOCK PACKAGE

DOUBLE WALL DUCT BY MECHANICAL
PLEASE USE CONTACT BELOW FOR PRICING

ANSUL GAS VALVE:

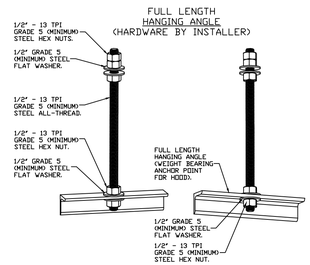
THE ANSUL GAS VALVE IS PROVIDED BY CAPTIVEAIRE SYSTEMS. CONTACT OUR OFFICE WITH THE VALVE SIZE 3 DAYS IN ADVANCE OF WHEN IT IS NEEDED ON SITE.

FOR QUESTIONS CALL THE
CAPTIVEAIRE
SOUTHERN CALIFORNIA OFFICE
3002 DOW AVENUE, SUITE 410
TUSTIN, CA 92780
TEL: 714-957-1500 EMAIL: REG86@CAPTIVEAIRE.COM




ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

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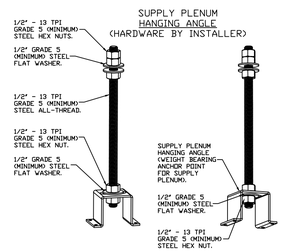


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ISSUED FOR BID - NOT FOR CONSTRUCTION 4/25/22

REVISIONS

| | DESCRIPTION | DATE: |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

CAPTIVEAIRE
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Southern California Office
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Panda Express - Concord NC (D8698)
CONCORD, NC, 28027

**DATE:** 2/23/2022
**DWG.#:** 5343821
**DRAWN BY:** AH-86
**SCALE:** 3/4" = 1'-0"
**MASTER DRAWING**

**SHEET NO.** 1

PANDA EXPRESS CHINESE KITCHEN

PANDA RESTAURANT GROUP INC.
1683 Walnut Grove Ave.
Rosemead, California
91770
Telephone: 626.799.9898
Facsimile: 626.372.8288

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REVISIONS:

ISSUE DATE:

| | |
|---|---|
| 1 | 03.04.2022 ISSUE FOR PERMIT |

DRAWN BY: SDT

PANDA PROJECT #: - S8-22-D8698
C&P PROJECT #: - 2210806

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03.04.2022

NORTH CAROLINA PROFESSIONAL SEAL 048525 ENGINEER JOSE J. DIAZ-VELAZQUEZ

PANDA EXPRESS
TRUE WARM AND WELCOME 2200
3030 DERITA ROAD
CONCORD, NC 28027

# M-400

HOOD DETAIL PLAN

TRUE WARM & WELCOME 2200 R4