



EQUIPMENT DETAIL

Primary Canopy

5430VX-2-ACPSP-F - 9ft 0" Long Exhaust-Only Wall Canopy Hood with Front Perforated Supply Plenum with Built-in 3" Back Standoff, Self Cleaning	x1
- 100% 304 SS	x1
- Fire Cabinet on the Left Side (Additional charges may apply for cabinet if not sold with fire suppression system)	x1
- FILTER - 20" tall x 16" wide Stainless Steel Captrate Solo filter with hook, ETL Listed. Particulate capture efficiency: 93% efficient at 9 microns, 72% efficient at 5 microns	x6
- L55 Series E26 Canopy Light Fixture - High Temp Assembly, Includes Clear Thermal and Shock Resistant Globe (L55 Fixture), Bulbs By Others	x3
- Extra Fixtures- L55 Series E26 Canopy Light Fixture - High Temp Assembly, Includes Clear Thermal and Shock Resistant Globe (L55 Fixture)	x1
- Complete ACPSP LED install kit. 120VAC. Can be wired to hood ECP or building lighting controls. Includes light fixture, wire, junction box, hardware and label.	x5
- EXHAUST RISER - Factory installed 16" Diameter	x1
- SUPPLY RISER - 16" Square to 14" Round Supply Collar with 14" Round Volume Damper. Nailor 1090 Series.	x5
- SUPPLY RISER - 10" Square to 8" Round Supply Collar with 8" Round Volume Damper. Nailor 1090 Series.	x4
- BACKSPLASH 80.00" High X 120.00" Long 304 SS (Includes End Caps & Divider Bars)	x1
- WC-CORE PROTECTION	x1
- Electrical Package Installation in Utility Cabinet by Plant.	x1
- Full Crating	x1
Hood #1 Total Price:	\$7,500.00

Fire System #1

CORE PROTECTION CORE Protection for duct, plenum, and appliances. Includes pre-piped hood(s) with electric detection, appliance surface protection solenoid and electric pull station. Includes piping for hood: 1.	x1
- CORE Appliance Manifold Package with Self Cleaning. Installed in Hood Utility Cabinet with integral hood prewire panel.	x1
- SC-EGVC1-1/4-24 GAS VALVE - 1-1/4" Electrical Shutoff Valve for CORE Protection Systems, 24V, DC (CAS #8214265-24VDC). Includes upstream strainer assembly. For use with integrated HMI reset.	x1
Fire System #1 Total Price:	\$4,100.00

VKB14 – PCU (Pollution Control Unit w/Exhaust Fan)

VKB14 PCU Exhaust Fan with 14 Inch Wheel. UL762 Listed. Size 2.	x1
Exhaust Fan handles 2250 CFM @ -3.159" wc ESP, Fan runs at 1969 RPM.	
Exhaust Motor: 3.000 HP, 3 Phase 208 V, 60Hz, 8.4 FLA, TEFC, High Temp Washdown.	
- PCU-PF-HE-HE-CPFS-2 - Pollution Control Unit With Core Protection Fire System Installed. Includes Steel Pre Filter Module and High Efficiency MERV 15 Filter Module. Prepiped with 17 3070-3/8HH-SS10 nozzles and includes downstream protection. Electric Fire Detector and Nozzles are included. Includes pricing for selected filters.	x1
- Captrate SOLO UL1046 Filter. 20" Tall x 16" Wide x 2" Thick. For PREFILTER stage of PCU module. Used in Size 2 and 4 PCU. Does not include filter hook. Must use 2" Filter Track. AFM Code: PF SOLO	x8
- Merv 15 Filter. 16 x 20 x 4. For HIGH EFFICIENCY stage of PCU module. **Replaces LG4-M-909-P. AFM Code: HE STD. Includes perimeter gasket on the downstream end and addition of face gasket on the downstream end.	x16
- Merv 15 Filter. 16 x 20 x 4. For HIGH EFFICIENCY stage of PCU module. **Replaces LG4-M-909-P. AFM Code: HE STD. Includes perimeter gasket on the downstream end and addition of face gasket on the downstream end.	x16
- Indoor Hanging Cradle for Size 2 PCU with 3 or 4 modules and Blower. 5 pieces of uni-strut, 60 inches long each. 2 HSA200 Hanging Isolators per UniStrut Included. For use with KB Blowers.	x1
- PCUFMM with HMI screen, back plate with label, airlines/ quick connects/ air probes, conduit/ fittings	x1
- Fire System Piping Inlet to Top Side of Spray Manifolds. For Indoor Use Only.	x1
- PCU INTAKE PLATE FOR SIZE 2 UNIT. FOR USE WITH 20" FIELD INSTALLED RISER. FACTORY ASSEMBLED WITH 3M FIREBARRIER SILICONE AND BOLTED IN PLACE. MAX CFM 1744 @ 800 FT/MIN	x1

Fan Total Price: \$21000,00**V1D.250-G10 Makeup Air Unit w/Heater**

V1D.250-G10 Direct Gas Fired Heated Make Up Air Unit with 10" Blower Supply Fan handles 2025 CFM @ 0.500" wc ESP, Fan runs at 1134 RPM. Heater supplies 218700 BTUs. 100°F Temperature Rise. [Fuel: Natural Gas] Supply Motor: 1.500 HP, 3 Phase 208 V, 60Hz, 4.5 FLA, ODP, Premium (E-Plus3) Eff. Side Discharge - Air Flow Right -> Left	x1
- V-Bank for Size # 1 Modular Heater with TA filters. For indoor installation. MERV 8 V-Bank Filters.	x1
- RTC Solutions • 40-90°F Discharge Temp Control	x1
- Gas Manifold for DF1 GM - BTU 0 - 550001 - 7 in. w.c. - 14 in. w.c., No Insurance Requirement (ANSI), BV250-66	x1
- Motorized Back Draft Damper 16" X 18" for Size 1 Standard & Modular Direct Fired Heaters w/Extended Shaft, Standard Galvanized Construction, 3/4" Rear Flange, LF120S Actuator Included	x1
- Full crating for commercial heaters for shipping. Crating for Export.	x1
- Low Fire Start. Allows the burner circuit to energize when the modulation control is in a low fire position.	x1
- Gas Pressure Gauge, 0-35", 2.5" Diameter, 1/4" Thread Size	x1

- Gas Pressure Gauge, -5 to +15 Inches Wc., 2.5" Diameter, 1/4" Thread Size	x1
- Extended Drop for Commercial Heaters and Supply Fans. Extends the power and remote panel connections to the unit to 20' of total length.	x1
- Pilot located upstream of First Redundant Solenoid Valve of size 1-3 Max Gas Pressure of 14" wc.	x1
- Freezestat With 10' Sensor. Factory set at 35°F and 10 minutes.	x1
- Separate 120VAC Wiring Package for Make-Up Air Units. Option must be selected when mounting VFD in prewire panel or with DCV package. Provides separate 120VAC input to supply fan. This 120V signal must be run by electrician from DCV to mua switch.	x1

Fan Total Price: **\$6,000.00**

Electrical System #1

DCV-1111 Demand Control Ventilation, w/ 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Fans modulate based on duct temperature. INVERTER DUTY THREE PHASE MOTOR REQUIRED! Room temperature sensor shipped loose for field installation. Verify distance between VFD and Motor; additional cost could apply if distance exceeds 50 feet. Includes 1 Duct Thermostat kit.

- ESV112N02YXB571 - Variable Frequency Drive - 1-1/2 HP Max., 200/240 V, Single or Three Phase Input, 6.0 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS

- ESV222N02YXB571 - Variable Frequency Drive - 3 HP Max., 200/240 V, Single or Three Phase Input, 9.6 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS

- 24 wide X 18 tall X 8.62 deep GRAY HINGED ELECTRICAL BOX NEMA 1 - VENTED
-USED ON NEW SC-EMS CONTROL PANELS

- CASLink Building Monitoring system communications module. Includes monitoring provisions for CORE interlock fire network and hood control network. Requires internet connection.

- CAT-5E CABLE - 50 Foot.

- Digital Prewire Lighting Relay Kit. Includes hood lighting relay & terminal blocks. Allows for up to 1400W of lighting each.

Electrical System #1 Total Price: **\$2,500.00**

Electrical System #2

PCU-CORE Pollution Control Unit Core Package- 1.5" Manifold. Package contains control board, 24V solenoids, detergent tank, pump, and pressure gauge.

- 30x30x7 SS Control Cabinet.

Electrical System #2 Total Price: **\$4,500.00**

Duct Run #1

(P1) VDW1612LT Single Wall Duct 16" diameter, 12" long, flange at both ends. Stainless Steel.

(P2) VDW1690ASY Single Wall Duct 90 Degree Elbow, 16" Duct, Assembly.

(P3) VDW1604C2D Single Wall Duct Off Set Collar - 16" diameter duct - 1/2" Pitch.

(P4) VDW1659LT Single Wall Duct 16" diameter, 59" long, flange at both ends. Stainless Steel.	x1
(P5) VDW16TEASY Single Wall Duct Tee, 16" Duct, Assembly.	x1
(P6) VDW1604C2D Single Wall Duct Off Set Collar - 16" diameter duct - 1/2" Pitch.	x1
(P7) VDW1620ADP Single Wall Duct Adapter, 16" Duct Dia to 20" Duct Dia, Assembly.	x1
(P8) VDW1617ADKIT Duct Access Door with Handle & Grease Dam, for 16" duct use 17" door. Stainless Steel.	x1
(P9) VDW2090ASY Single Wall Duct 90 Degree Elbow, 20" Duct, Assembly.	x1
(P10) VDW2032375LT Single Wall Duct 20" diameter, 32.375" long, flange at both ends. Stainless Steel.	x1
(P11) VDW2048AJD Single Wall Duct Adjustable, 20" diameter, 47.5" long, flange at one end With a 20" Adjustable Collar - Stainless Steel.	x1
(P12) VDW20TEASY Single Wall Duct Tee, 20" Duct, Assembly.	x1
(P13) VDW2059LT Single Wall Duct 20" diameter, 59" long, flange at both ends. Stainless Steel.	x1
(P14) VDW2059LT Single Wall Duct 20" diameter, 59" long, flange at both ends. Stainless Steel.	x1
(P15) VDW2059LT Single Wall Duct 20" diameter, 59" long, flange at both ends. Stainless Steel.	x1
(P16) VDW2029LT Single Wall Duct 20" diameter, 29" long, flange at both ends. Stainless Steel.	x1
(P17) VDW2048AJD Single Wall Duct Adjustable, 20" diameter, 47.5" long, flange at one end With a 20" Adjustable Collar - Stainless Steel.	x1
(P18) VDW20TEASY Single Wall Duct Tee, 20" Duct, Assembly.	x1
(P19) VDW2042LT Single Wall Duct 20" diameter, 42" long, flange at both ends. Stainless Steel.	x1
(P20) VDW2060AJDKIT Single Wall Duct Adjustable, 20" diameter, 59.5" long, flange at one end With a 20" Adjustable Collar - Stainless Steel.	x1
(P21) VDW20SUBRASY Duct Support Bracket Assembly, 20" Duct, Used for Hanging Duct. 12 GA Steel, Clear Zinc Coating. - 2 Rings, 4 Brackets Plus Hardware.	x1
(P22) VDW20TEASY Single Wall Duct Tee, 20" Duct, Assembly.	x1
(P23) VDW2035LT Single Wall Duct 20" diameter, 35" long, flange at both ends. Stainless Steel.	x1
(P24) VDW2048AJD Single Wall Duct Adjustable, 20" diameter, 47.5" long, flange at one end With a 20" Adjustable Collar - Stainless Steel.	x1
(P25) VDW20SUBRASY Duct Support Bracket Assembly, 20" Duct, Used for Hanging Duct. 12 GA Steel, Clear Zinc Coating. - 2 Rings, 4 Brackets Plus Hardware.	x1
(P26) VDW20SUBRASY Duct Support Bracket Assembly, 20" Duct, Used for Hanging Duct. 12 GA Steel, Clear Zinc Coating. - 2 Rings, 4 Brackets Plus Hardware.	x1
(P27) VDW20SUBRASY Duct Support Bracket Assembly, 20" Duct, Used for Hanging Duct. 12 GA Steel, Clear Zinc Coating. - 2 Rings, 4 Brackets Plus Hardware.	x1

(P28) VDW20SUBRASY Duct Support Bracket Assembly, 20" Duct, Used for Hanging Duct. 12 GA Steel, Clear Zinc Coating. - 2 Rings, 4 Brackets Plus Hardware.	x1
(P29) VDW2021ADKIT Duct Access Door with Handle & Grease Dam, for 20" duct use 21" door. Stainless Steel.	x1
(P30) VDW2021ADKIT Duct Access Door with Handle & Grease Dam, for 20" duct use 21" door. Stainless Steel.	x1
(P31) VDW2021ADKIT Duct Access Door with Handle & Grease Dam, for 20" duct use 21" door. Stainless Steel.	x1
(P32) VDW16SUBRASY Duct Support Bracket Assembly, 16" Duct, Used for Hanging Duct. 12 GA Steel, Clear Zinc Coating. - 2 Rings, 4 Brackets Plus Hardware.	x1
3M-2000PLUS Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.	x10
VDW16CLASY Duct "V" Clamp, 16" Duct, Assembly.	x8
VDW20CLASY Duct "V" Clamp, 20" Duct, Assembly.	x23
Duct Run #1 Total Price: \$6,500.00	
E2KBINOUTPLT-INLINE Inlet/Outlet Plate for KB-14 Inline	x1
Item Total Price: \$150.00	
Service Design Verification	
Factory Services Total Price: \$2,300.00	
Subtotal:	\$54,550.00
Shipping:	\$8000.00
GST:	\$3,127.50
Total: CAD \$65,677.50	

CORE TOTAL FLOOD INSTALL

See CORE installation responsibility diagram for additional information.

Pricing Includes:

- Wire gas valve, gas valve reset, remote pull stations, CORE interlocks, fire sensors & building alarm contacts (if applicable).
- Complete final hook-up of system.
- Fill surfactant tank.
- System to be installed and tested during normal business hours (M-F, 6am- 6pm).

PLEASE NOTE BELOW CONNECTIONS ARE PROVIDED BY OTHERS

PLUMBER is responsible for connecting hot water line, hood drains, & all end-to-end & back-to-back hood water line connections (if applicable). Plumbing is field supplied for this. Field plumbing must not exceed height of vacuum breaker in main utility cabinet (See CORE installation responsibility diagram for additional info).

BUILDING SPRINKLER CONTRACTOR is responsible for connecting CORE water line to building wet sprinkler system using stainless steel, copper or steel pipe ONLY (See CORE installation responsibility diagram for additional info). This includes providing water pressure reducing valves if necessary.

ELECTRICIAN is responsible for wiring main control panel, all fans per included schematic & shunt trip breaker (See CORE installation responsibility diagram for additional info).

BUILDING CONTROLS CONTRACTOR is responsible for connection CORE building initiating switch to building alarm system (See CORE installation responsibility diagram for additional info).

IF INSTALLATION IS COMPLETED BY OTHERS

By Others: Installation, ductwork, patching, all electrical field wiring, start-up & balance, gas or electric shutdown for fire system hook-up, **fire system hook-up, fire system chemical agent, NO2 cartridge, field piping, detection and pull station line(s), tests and permits.**

Note: Customer is responsible for additional labor charges as a result of cooking equipment layout changes after the release of the order, union labor or prevailing wage charges, or additional trips by fire system distributor caused by jobsite delays, permits, fees or test required by local authority. Submittal will specify applicable testing and approval agencies. **The fire suppression system final hook up is not included on this quote. The final hook up usually consists of, but is not limited to, the chemical agent, NO2 cartridge, field piping/re-piping, detection and pull station line(s), tests, and permits.** Hook up for the fire system must be performed by an Authorized Distributor. If not installed by an Authorized Distributor, then the warranty on this product will be voided.

Grease Ducks requirement for all field hook ups: All fire system detection conduit must be half inch EMT. All conduit fittings must be compression type and fully tightened. All conduit ends must be reamed and deburred and blown clear of debris prior to assembly. All conduit must be fully and robustly supported to avoid accidental fire system discharge.

Grease Ducks product must be installed in accordance with installation instructions provided with equipment.

Ductwork must be designed and installed in accordance with AMCA and ASHRAE standards as presented in Ventilation Direct "Guide to Designing Air Flow Systems", attached to this quote. If this quote does not contain the designing air flow systems document, ask a Grease Ducks Representative to provide it.

SHIPPING / FREIGHT

Freight includes one shipment only, delivered to the job site address listed on this proposal. Customer is responsible for freight charges on any items shipped early. This is an estimated freight charge and is subject to change based on current freight costs when the job is released for production.

Thursday, March 05, 2015

Quote #: G8801451

Whistler Los Sombreros

APPROVAL

The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to perform the work specified. Receipt of the Grease Ducks Ltd. Terms & Conditions are hereby acknowledged (Form TC101), and by signature hereto, we agree to said Terms & Conditions. Payment will be made in accordance with authorized agreement. Please note, proposal may be withdrawn by Grease Ducks Ltd. if not accepted within 30 days.

Authorized Signature

Date

Signature

Date

We accept MasterCard®, VISA® and American Express® cards for immediate credit approval and expedited order processing.

