



- Engine Exhaust
- Boiler Breeching/Stack
- Grease Duct
- Gas and Oil Vents

## All-In-One Exhaust System

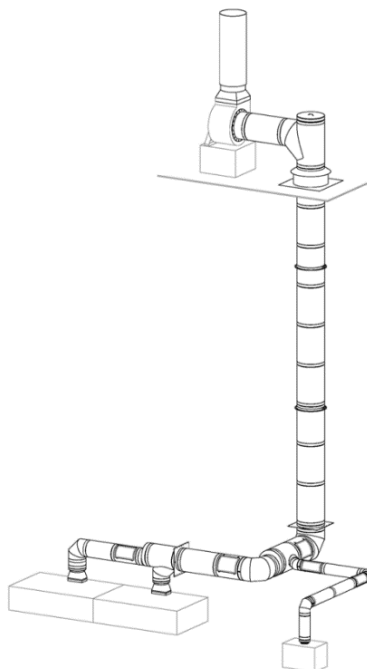
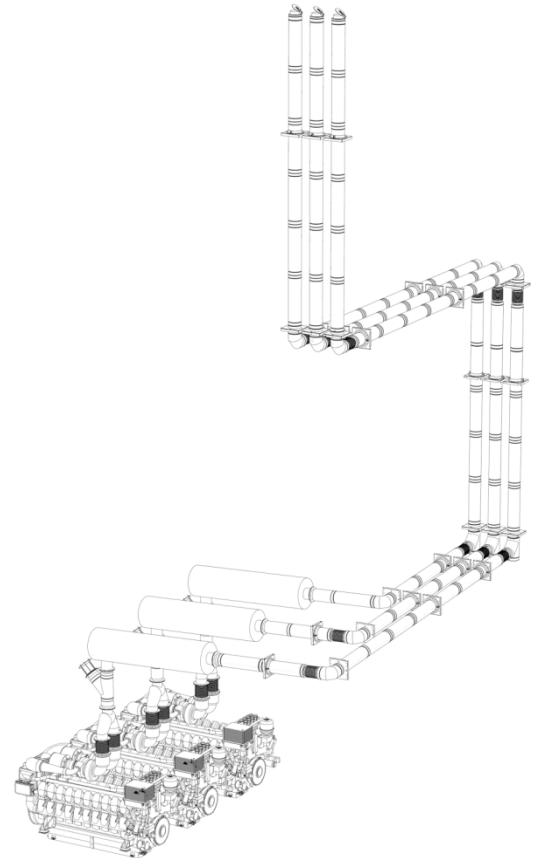
### Models DWFL and SWFL Submittal Record

- ☐ DWFL Double Wall Air Space
- ☐ DWFL+1 Double Wall 1.25" Fiber
- ☐ DWFL+2 Double Wall 2.25" Fiber
- ☐ DWFL+3 Double Wall 3.25" Fiber
- ☐ DWFL-ZC Double Wall 3.25" Fiber
- ☐ DWFL+4 Double Wall 4.25" Fiber
- ☐ SWFL Single Wall

PROJECT: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_

PREPARED FOR: \_\_\_\_\_



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## ITEMS

### (supports)

APS Anchor Plate Support
PS Plate Support
HDB Heavy Duty Base
WB Wall Brackets
FAR Full Angle Ring
HAR Half Angle Ring
LSB Light Support Band
GWB Guy Wires Band

### (connection accessories)

VB Vee Band
J2000 2000F Sealant
J600 600F Sealant
LB Locking band
FB Finishing Band w/ Insulation

### (pipe and other lengths)

12L 12" Fixed Pipe Length
18L 18" Fixed Pipe Length
24L 24" Fixed Pipe Length
30L 30" Fixed Pipe Length
36L 36" Fixed Pipe Length
42L 42" Fixed Pipe Length
48L 48" Fixed Pipe Length
UDL Universal Drain Length
TPL Test/Nozzle Port Length
24AL 24" Adjustable Length
24ALG 24" Adjustable Length w/ Graphite
LBL 18" Lined Bellows Length

### (fittings and accessories)

15EL 15° Elbow
30EL 30° Elbow
45EL 45° Elbow
45EL 45° Elbow
87EL 87° Elbow
90EL 90° Elbow

45T 45° Tee
87T 87° Tee
90T 90° Tee
87BT 87° Boot Tee
90BT 90° Boot Tee
90WT 90° Wye Tee
DCB Drain Tee Cap Bottom
DCS Drain Tee Cap Side
TCA Tee Cap Access
PRV Pressure Relief Valve
(increasers and reducers)
TEI Tapered Eccentric Increaser
TER Tapered Eccentric Reducer
SI Stepped Increaser
SR Stepped Reducer
(start and end adapters)
RCI Raw Collar Adapter Inside
RCO Raw Collar Adapter Outside
FC Flange Collar Adapter
FCK Flange Collar Kit
AF 125/150 Lb ANSI Flange
STR Square Transition to Round
FP Fan Plate Adapter
(terminations)

OTN & OTS Open Termination
EC Exit Cone
WRC High Wind Rain Cap
SCN & SCS Stack Cap
MCS Miter Cut Termination w/ Screen
EFT Engine Flip Top
NLWH No-Loss Weather Head
(thimble and flashings)
HTT High Temperature Insulated Thimble
FRF Flat Roof Flashing
PRF Pitched Roof Flashing
SC Storm Collar
VRF Ventilated Roof Flashing
VSC Ventilated Storm Collar
HSDW Heat Shield for DWFL

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## INTRODUCTION

### Jeremias Exhaust Systems

Models DWFL and SWFL are the fusion of world class DWKL (conical) with USA flanged pressure stack systems. Insulation thickness comes in 1.25" air space, 1.25", 2.25", 3.25" and 4.25" fiber options. Each may be intermixed in the same stack, chimney, grease duct or vent system.

Models DWFL and SWFL are intended for use in connecting heating and hot water appliances, engines, and turbines to the outdoors. There are also many other applications and uses including, but not limited to the following: Chimney Liners, Chutes, Dryer Vents, Fume Venting, Industrial Oven and Process Stacks, Incinerator Exhausts, Paint Booth Exhausts, Particle Conveying, and Ventilation Ducts.

## STRONG - OPEN - INTERNATIONAL



### 40 Years of Experience

Jeremias is one of the world's leading manufacturers of flue and chimney systems for the exhaust of gases and ventilation, covering all kinds of domestic, commercial and industrial applications. Jeremias Group product range includes over fifty (50) different CE or UL certified systems covering commercial and domestic applications complimented by freestanding Industrial steel chimneys up to 10 feet in diameter. Jeremias offers its clients a wide range of high quality products, technical support for projects, and stack sizing software.

With over 40 years of experience in the venting and component exhaust industries, Jeremias has seven (7) manufacturing plants in six (6) different countries worldwide. Jeremias today has more than 1,000 employees and is proud of its German engineering origins, and fortunately is now also manufactured in the USA from 100% local materials!

Here in North America, Jeremias Inc. focuses on residential, hearth, commercial, and industrial high pressure exhaust systems for stacks, venting, and chimney applications.

### Research and Development

Jeremias has over fifty (50) CE Certified exhaust and chimney systems worldwide for domestic, commercial, and industrial applications. "CE Certification" is the mandatory conformity safety testing for products sold throughout Europe and other parts of the world.

In North America, Jeremias employs only Underwriters' Laboratories (UL) for testing, certifications, and listings to all applicable UL and ULC Standards.



## INTRODUCTION

Opened in 2013, the Jeremias R&D Lab in Logan, OH has the industry's most experienced lab technicians on staff and incorporates the latest equipment technologies. This laboratory enables Jeremias to provide industry leadership with a continued focus on new factory-built exhaust applications and unique listings. For example,

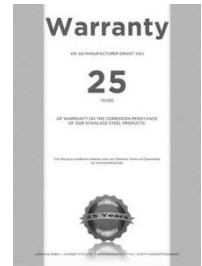
### All Stainless Steel Construction



The standard 444 stainless steel (EN 1.4521) inner wall is the new standard for high temperatures yet still corrosion resistant to flue gas condensation. 444 stainless steel provides a better higher temperature solution over austenitic 304 or 316 stainless steels due to lower expansion coefficient value, meaning no cracking from less expanding oxides. 444 stainless steel has very good resistance to pitting corrosion in chloride media, much better than 304 (EN 1.4301) and 316 (EN 1.4401) stainless steels, and even better than 316L (EN 1.4404) stainless steel. 444 stainless steel also has a higher minimum proof strength than 304 stainless steel in combination with lower work hardening behavior.

The outer jacket is always made of stainless steel. Type 304 stainless steel with a bright annealed finish is standard. All accessories (including support plates and angle rings) are also made of stainless steel. This means there is no cross contamination in the factory from carbon steel cutting/welding. Jeremias cleans all external welds to assure the customer clearly sees the quality standard we are setting.

Jeremias backs our exhaust systems with an industry's first Twenty-Five (25) Year Standard Warranty.



### Best Insulation

Jeremias uses the new Superwool® Plus fiber blanket by Thermal Ceramics (Augusta, Georgia), which has improved handling strength and enhanced thermal properties. Superwool® Plus blanket is manufactured from pure raw materials using a new manufacturing technology. In addition to enhanced thermal properties, large nuisance dust particles have been effectively eliminated making the product soft to the touch and less irritating during use. Superwool® Plus blanket contains neither binder nor lubricant and does not emit any fumes or smells during the first high temperature firing.

Jeremias uses ¼" thicker insulation than all others in the industry. This delivers the best clearances and skin temperatures than all others. The ½" larger footprint is easily compensated for best clearance to combustibles, Jeremias Model DWFL clearly is the industry leader in the smallest required footprint.

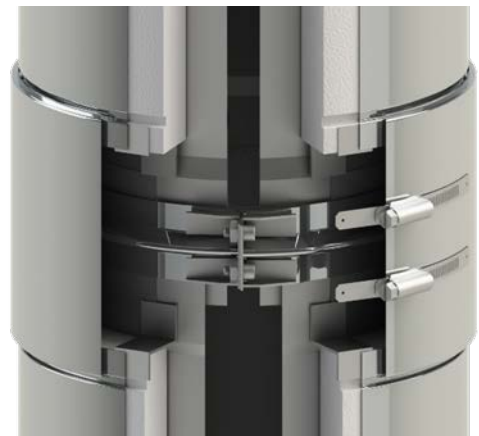


### Easiest Install, Yet most Reliable Flanged System

Models DWFL and SWFL are cylindrical, factory-built, modular venting systems that incorporate a 1-1/4" steel overlap with added vee band for easiest assembly.

DWFL and SWFL are the only flanged pressure stack systems with continuous overlapping inner, as the flange is added to the outside of the inner pipe.

DWFL and SWFL are the most rugged and easiest stack systems to install, yet still the most reliable as the inner overlap protects the silicone seal against condensate and high-pressure washings in commercial kitchen exhaust.



## TECHNICAL SPECIFICATIONS

### Model and Part Identifications

**DWFL**, Double Wall with 1.25" Air Space  
**DWFL+1**, Double Wall with 1.25" Ceramic Fiber  
**DWFL+2**, Double Wall with 2.25" Ceramic Fiber  
**DWFL+3**, Double Wall with 3.25" Ceramic Fiber  
**DWFL-ZC**, Double Wall with 3.25" Ceramic Fiber  
**DWFL+4**, Double Wall with 4.25" Ceramic Fiber  
**SWFL**, Single Wall

Part numbers include the Model, diameter, item code, then variation (if any).

Example 1: DWFL8-36L for an 8 inch inner diameter Model DWFL double wall 36 inch length of pipe with 1.25" insulating air space.

Example 2: DWFL20-45EL+4 for a 20 inch inner diameter Model DWFL double wall 45" Elbow with 4.25" thick insulation.

Example 3: SWFL36-48L for a 36 inch inner diameter Model SWFL single wall 48" Length.

### Material Options and Thicknesses

Inner Liner of DWFL & SWFL:

- o 0.035" thick Type 444 stainless steel

Insulation of DWFL:

- o 1.25" air space

Insulation of DWFL+1:

- o 1.25" blanket 8 PCF ceramic fiber

Insulation of DWFL+2:

- o 2.25" blanket 8 PCF ceramic fiber

Insulation of DWFL+3:

- o 3.25" blanket 8 PCF ceramic fiber

Insulation of DWFL-ZC:

- o 3.25" blanket 10 PCF ceramic fiber

Insulation of DWFL+4:

- o 4.25" blanket 8 PCF ceramic fiber

Outer Jacket for all variations of DWFL:

- o 0.025" thick Type 304 stainless steel with BA Finish for diameters 5" through 24"
- o 0.035" thick Type 304 stainless steel with BA Finish for diameters 26" through 36"

### Underwriters Laboratories Listings

UL File Number for All Listings: MH59917

#### United States:

##### DWFL

1. UL-103 Standard, Building Heating Appliance Chimney
2. UL-2561 Standard, 1400F Chimney Listing
3. UL-103 & UL-2561 Standards, Additional Positive Pressure Listing to 90" WC after 1400°F
4. UL-1978 Standard, Grease Duct
5. UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III and IV
6. UL-441 Standard, Gas Vents
7. UL-641 Standard, Type L Low-Temperature Vent

##### DWFL+1, DWFL+2, DWFL+3 & DWFL+4

1. UL-103 Standard, Building Heating Appliance Chimney
2. UL-103 Standard, Additional Type HT Listing
3. UL-2561 Standard, 1400F Chimney Listing
4. UL-103 & UL-2561 Standards, Additional Positive Pressure Listing to 90" WC after 1400°F
5. UL-1978 Standard, Grease Duct

6. UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III and IV
7. UL-441 Standard, Gas Vents
8. UL-641 Standard, Type L Low-Temperature Vent

##### DWFL-ZC

1. UL-1978 Standard, Grease Duct
2. UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III and IV
3. UL-441 Standard, Gas Vents
4. UL-641 Standard, Type L Low-Temperature Vent
5. UL-2221 Standard for Tests of Fire Resistive Grease Duct Enclosure Assemblies

##### SWFL Single Wall

1. UL-103 Standard, Building Heating Appliance Chimney
2. UL-103 Standard, Additional Positive Pressure Listing to 90" WC
3. UL-1978 Standard, Grease Duct
4. UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III and IV
5. UL-1777 Standard, Chimney Liners

#### Canada:

##### DWFL, DWFL+1, DWFL+2, DWFL+3 & DWFL+4

1. ULC/ORD-C959 Industrial Type 540°C Chimney
2. ULC/ORD-C959 Industrial Type 760°C Chimney
3. ULC-S662 Standard for Factory-Built Grease Ducts
4. ULC-S636 Standard for Type BH Gas Venting Systems
5. ULC-S605 Standard for Gas Vents
6. ULC-S609 Standard for Low-Temperature Vents Type L

##### SWFL Single Wall

1. ULC-S662 Standard for Factory-Built Grease Ducts
2. ULC-S636 Standard for Type BH Gas Venting Systems
3. ULC-S635 Standard for Lining Systems for Chimneys

#### UL & ULC Listings Matrix:

Criteria	DWFL	DWFL+1	DWFL+2	DWFL+3	DWFL-ZC	DWFL+4	SWFL
UL-103 Building Heating Appliance Chimney ULC/ORD-C959 Industrial Type 540°C Chimney	X	X	X	X		X	X
Additional UL-103 Type HT		X	X	X		X	
UL-2561 1400°F Chimney ULC/ORD-C959 Industrial Type 760°C Chimney	X	X	X	X		X	
UL-1978 Grease Duct ULC-S662 Standard for Factory Built Grease Duct	X	X	X	X	X	X	X
UL-1738 Special Gas Vent ULC-636 Standard for Type BH Gas Venting Systems	X	X	X	X	X	X	X
Optional Plastic (PVC, CPVC, PP) Special Gas Vent	X	X	X	X	X	X	X
UL-441 Gas Vents ULC-S605 Gas Vents	X	X	X	X	X	X	X
UL-641 Type L Vent ULC-S609 Vents Type L	X	X	X	X	X	X	
UL-1777 Chimney Liner ULC-S635 Lining Systems for Existing Chimneys							X
UL-2221 Standard for Tests of Fire Resistive Grease Duct Enclosure Assemblies					X		

### Operating Pressures

All Jeremias Inc. DWFL & SWFL models have been evaluated and Listed by UL for positive pressures up to 90" W.C. internal static pressure with exposure up to 1400°F internal continuous temperatures.

# TECHNICAL SPECIFICATIONS

## Code and Standards

When installed per their instructions, all Jeremias Inc. DWFL & SWFL models are code compliant with the following codes and standards:

- NFPA 31
- NFPA 37
- NFPA 54
- NFPA 96
- NFPA 211
- UMC
- CMC
- CSA-B139
- CSA-B149
- IMC
- IFGC
- ULC-S650

The following agencies or associations produce codes, standards, or guidelines by which all Jeremias Inc. Models may be installed and used:

- ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers)
- CSA (Canadian Standards Association)
- IAPMO (International Association of Plumbing and Mechanical Officials)
- ICC (International Code Congress)
- NFPA (National Fire Protection Association)
- UL (Underwriters Laboratories, Inc.)
- ULC (Underwriters' Laboratories of Canada)

## Operating Temperatures

### Operating Temperatures:

Criteria	Permitted Temperatures
UL-103 Building Heating Appliance Chimney ULC/ORD-C959 Industrial Type 540°C Chimney	1000°F (540°C) Continuous 1400°F (760°C) Intermittent
Additional UL-103 Type HT	2100°F (1150°C) for 10 Minutes
UL-2561 1400°F Chimney ULC/ORD-C959 Industrial Type 760°C Chimney	1400°F (760°C) Continuous 1800°F (980°C) Intermittent
UL-1978 Grease Duct ULC-S662 Standard for Factory-Built Grease Ducts	500°F (260°C) Continuous 2000°F (1093°C) for 30 Minutes
UL-1738 Special Gas Vent ULC-S636 Gas Vent	550°F (288°C) Continuous
Optional 400°F UL-1738 Special Gas Vent	400°F (204°C) Continuous
Optional Plastic Applications UL-1738 Special Gas Vent	148°F (64°C) Continuous for PVC 194°F (90°C) Continuous for CPVC 248°F (120°C) Continuous for PP
UL-441 Gas Vents ULC-S605 Gas Vents	480°F (249°C) Continuous
UL-641 Type L Vent ULC-S609 Vents Type L	570°F (300°C) Continuous
UL-1777 Chimney Liner ULC-S635 Lining Systems for Existing Chimneys	UL-1777: 570°F Continuous ULC-S635: 650°C Continuous
UL-2221 Standard for Tests of Fire Resistive Grease Duct Enclosure Assemblies	500°F (260°C) Continuous 2000°F (1093°C) for 30 Minutes

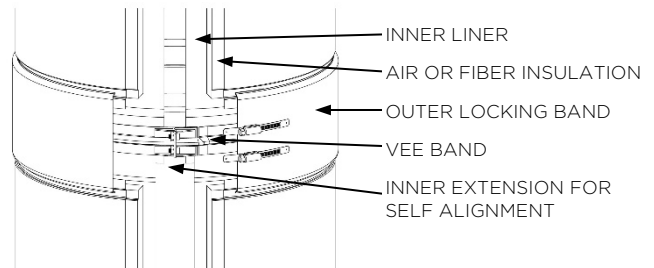
## Joint Details

All Jeremias Inc. DWFL & SWFL models are cylindrical, factory-built, modular venting systems that incorporate an extended inner that self-aligns and a ½" flange / vee band system for quick and easy assembly in the field.

A Jeremias supplied high temperature sealant is applied to the vee band groove to create a seal. This vee band is protected by the above mentioned inner extension.

Outer Locking Band is secured with integrated worm gear, so no loose hardware to install in the field.

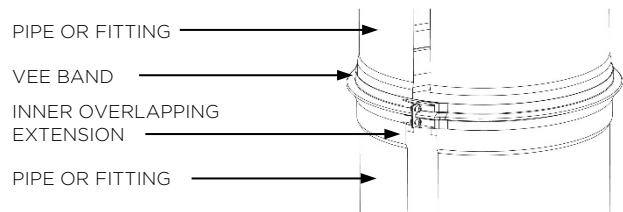
### Models DWFL & DWFL+ Joint Assembly Detail



Further features of the Jeremias double wall insulated systems include:

- Reduced clearance to combustibles
- Reduced outer pipe skin temperatures
- Reduced building heat gain
- Increased efficiencies of energy recovery systems
- Reduced noise levels caused by high velocity exhausts
- Enhanced chimney draft

### Model SWFL Joint Assembly Detail



Further features of Jeremias single wall systems include:

- No field welding
- All stainless steel construction
- Smooth flowing inner liner compared to welded steel
- Wide array of accessories such as supports and drains
- May be interconnected with the double wall models

## Sizing/Pressure Calculations

Jeremias' engineering uses its own software based upon the "Chimney, Gas Vent, and Fireplace Systems" chapter of the ASHRAE Handbook to assure that the exhaust and chimney system is sized in accordance with the appliance manufacturers' installation instructions.



## TECHNICAL SPECIFICATIONS

### Pipe Weight per Foot

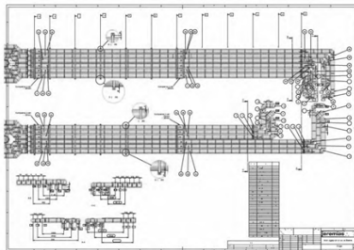
The approximate installed weight of the DWFL and SWFL exhaust systems can be found using this table. This table does not include accessories such as supports and guides, nor shipping packaging or palletizing weight.

#### Pipe Weight in Lbs. per Foot:

Ø	DWFL	DWFL+1	DWFL+2	DWFL+3	DWFL-ZC	DWFL+4	SWFL
5"	4.9	6.5	8.4	10.9	13.7	13.7	2.1
6"	5.7	7.6	9.6	12.2	15.2	15.2	2.5
7"	6.5	8.6	10.7	13.6	16.7	16.7	2.9
8"	7.2	9.7	11.9	14.9	18.2	18.2	3.4
9"	8.0	10.7	13.1	16.3	19.8	19.8	3.8
10"	8.8	11.8	14.3	17.6	21.3	21.3	4.2
11"	9.6	12.8	15.4	19.0	22.8	22.8	4.6
12"	10.4	13.8	16.6	20.3	24.3	24.3	5.0
13"	11.2	14.9	17.8	21.7	25.9	25.9	5.4
14"	12.0	15.9	19.0	23.0	27.4	27.4	5.8
16"	13.5	18.0	21.3	25.7	30.4	30.4	6.7
18"	15.1	20.1	23.7	28.4	33.5	33.5	7.5
20"	16.7	22.2	26.0	31.1	36.6	36.6	8.3
22"	18.2	24.3	28.4	33.8	39.6	39.6	9.2
24"	19.8	26.4	30.7	36.5	42.7	42.7	10.0
26"	21.4	28.5	33.1	39.2	45.7	45.7	10.8
28"	22.9	30.6	35.4	41.9	48.8	48.8	11.7
30"	24.5	32.7	37.8	44.6	51.8	51.8	12.5
32"	26.1	34.7	40.1	47.3	54.9	54.9	13.3
34"	27.7	36.8	42.5	50.0	57.9	57.9	14.2
36"	29.2	38.9	44.8	52.7	61.0	61.0	15.0

### Submittal and Warranted Designs

Jeremias also provides CAD layout designs that show all required accessories, including drains, supports, access panels, etc., to be in accordance with any specific appliance manufacturers' installation instructions.



### Sealant and Usage

Jeremias also provides two options for sealants based upon temperature of the flue gases:

**J-2000 Sealant**, for temperatures up to 2000°F

**J-650 Sealant**, for temperature up to 650°F

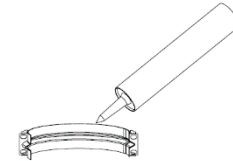
#### Sealant Usage Chart:

Shows expected number of joints sealed per tube.

Diameter	# of Joints
5 - 7"	10
8 - 10"	9
11 - 12"	8
13 - 16"	7
18 - 20"	6
22 - 24"	5
26 - 28"	4
30 - 32"	3
34 - 36"	2

### Joint Assembly

The Jeremias double wall models joint system is designed for a quick and easy installation. Follow Steps 1 through 3 for general pipe and fittings assembly.

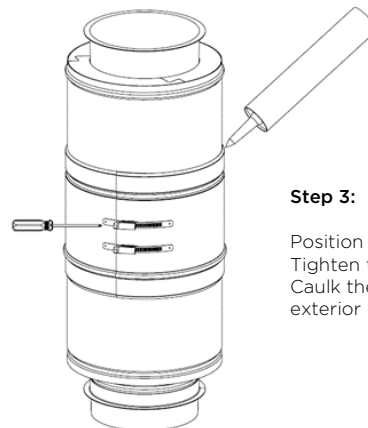
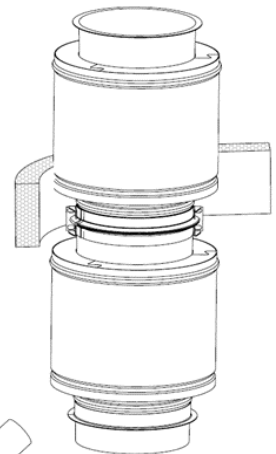


#### Step 1:

Apply sealant to flange surface.  
Join flanges together.  
Apply sealant to the inner groove of the V-Band.  
Position V-Band around the flanges and tighten.

#### Step 2:

Wrap the joint insulation around the V-Band.



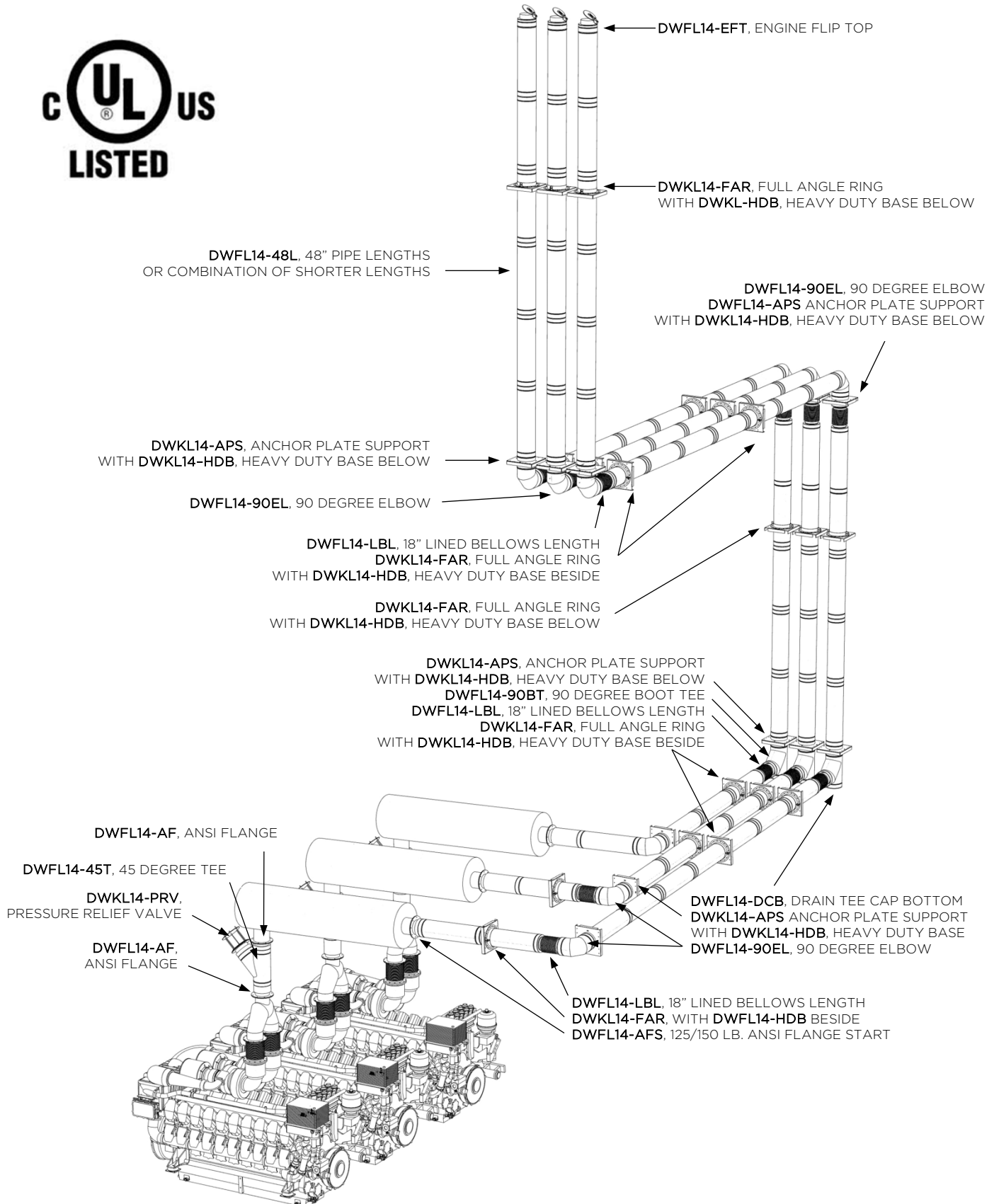
#### Step 3:

Position the Locking Band in place.  
Tighten the Locking Band hardware.  
Caulk the top of the Locking Band on exterior installations.



## SAMPLE SYSTEMS

### SAMPLE 1 - DWFL ENGINE EXHAUST THREE (3) 14" I.D. / 16 1/2" O.D. EXHAUST SYSTEMS

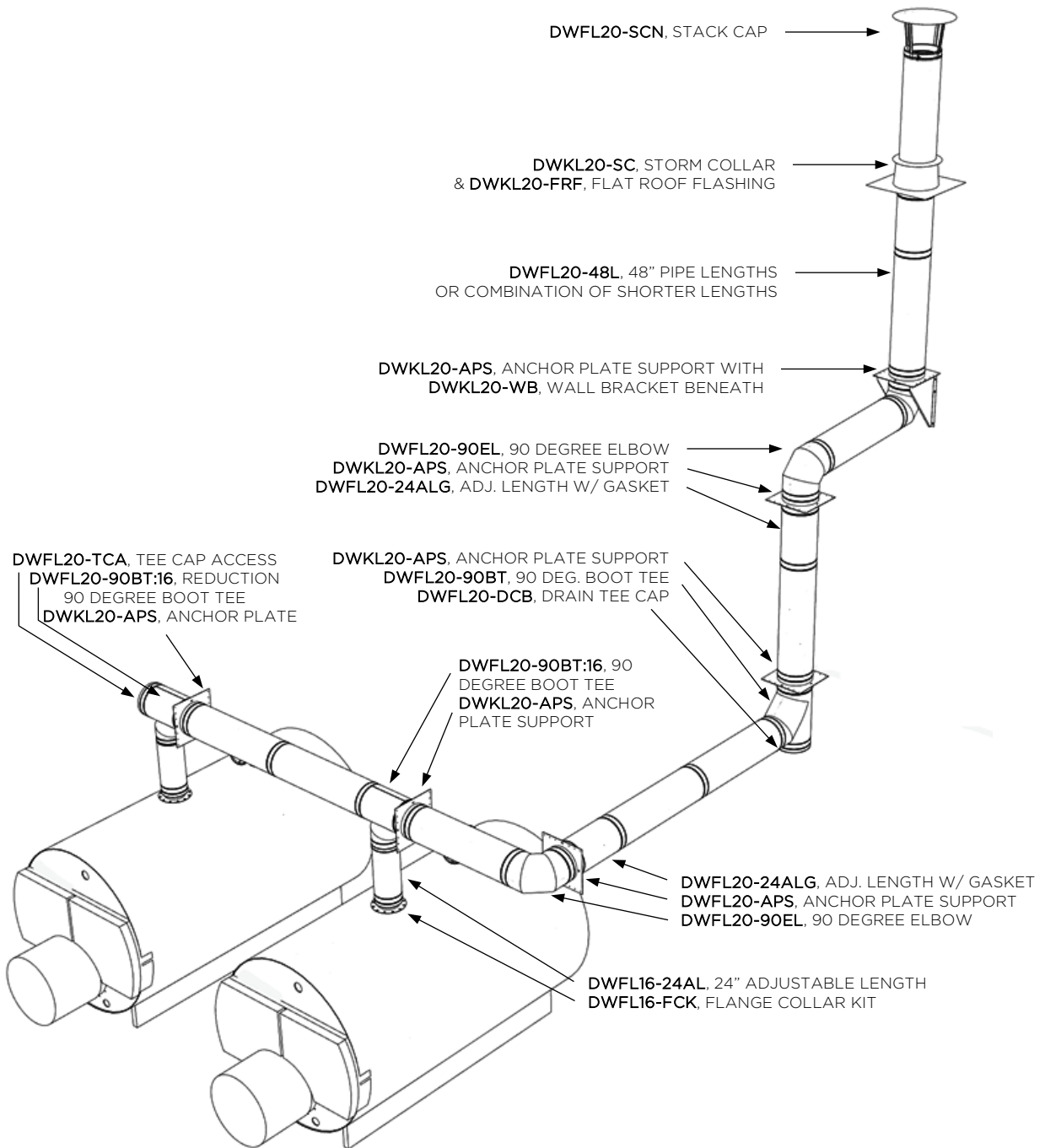




## SAMPLE SYSTEMS

### SAMPLE 2 - DWFL BOILER STACK

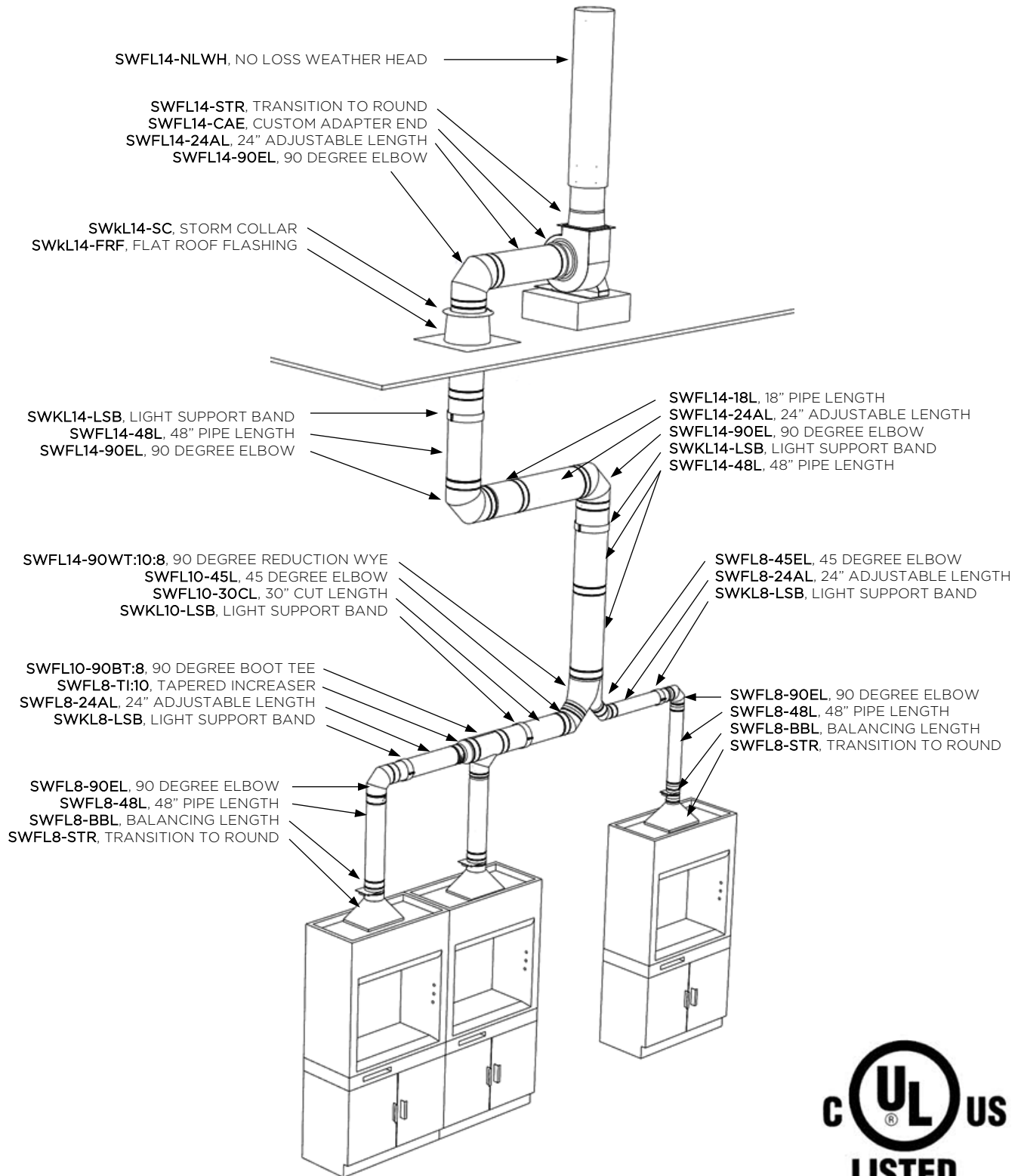
TWO (2) 16" I.D. INTO 20" I.D. / 22 ½" O.D. STACK



## SAMPLE SYSTEMS

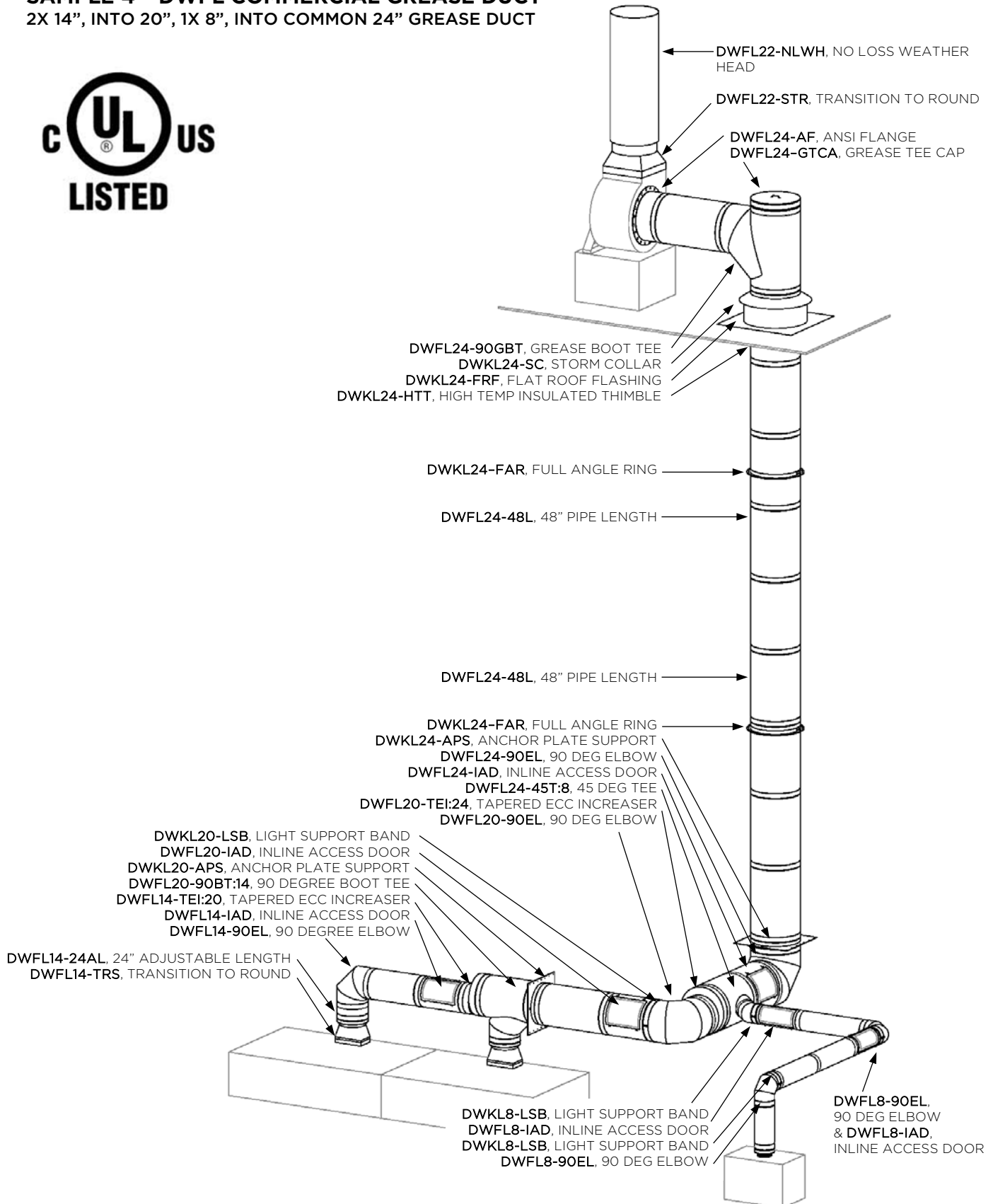
### SAMPLE 3 - SWFL FUME HOOD VENT

THREE (3) 8" I.D. INTO 10" I.D. AND 14" I.D. SINGLE WALL EXHAUST



## SAMPLE SYSTEMS

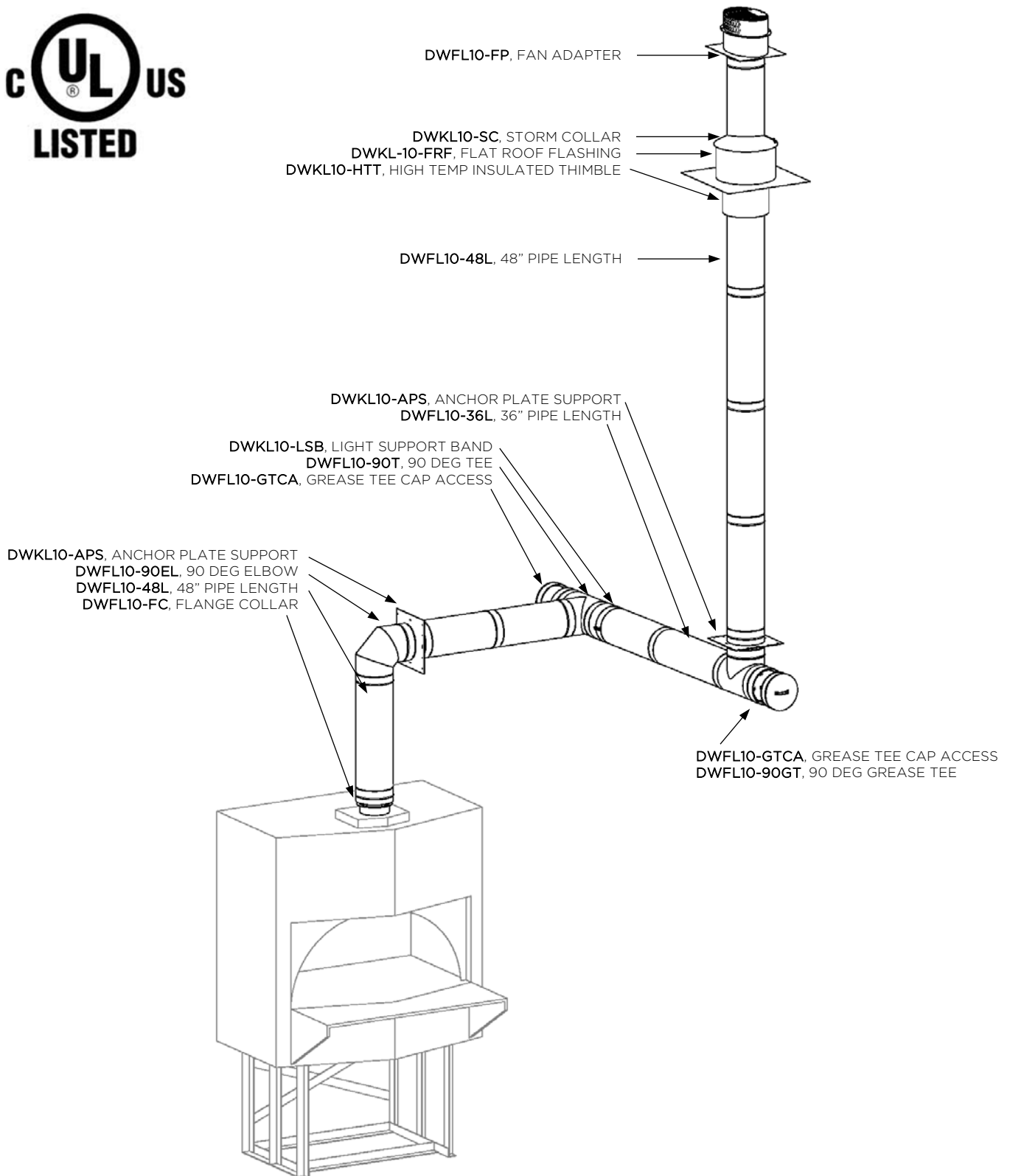
### SAMPLE 4 - DWFL COMMERCIAL GREASE DUCT 2X 14", INTO 20", 1X 8", INTO COMMON 24" GREASE DUCT



## SAMPLE SYSTEMS

### SAMPLE 5 - DWFL PIZZA OVEN CHIMNEY & GREASE DUCT

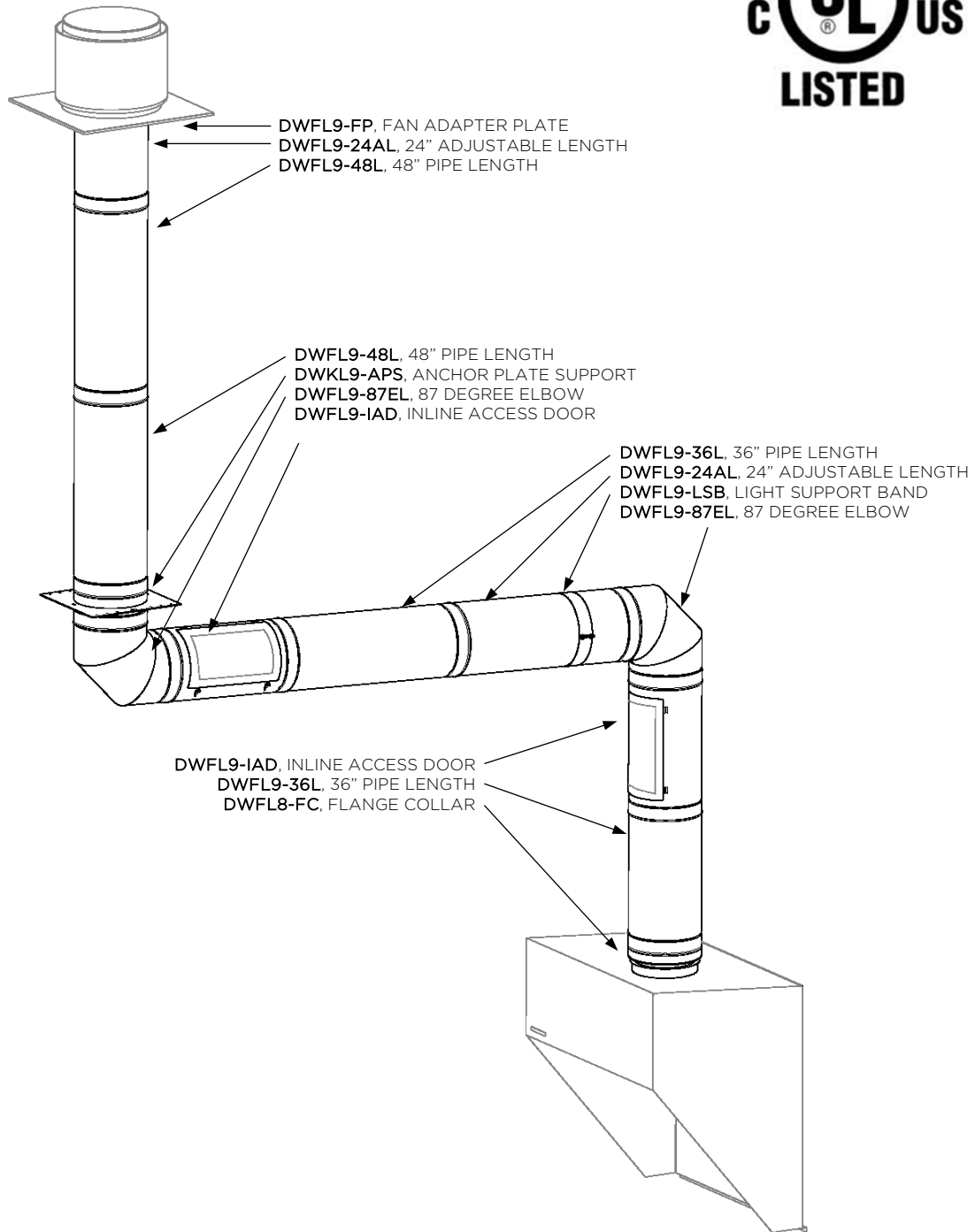
10" I.D. / 12½" O.D. CHIMNEY AND GREASE DUCT



## SAMPLE SYSTEMS

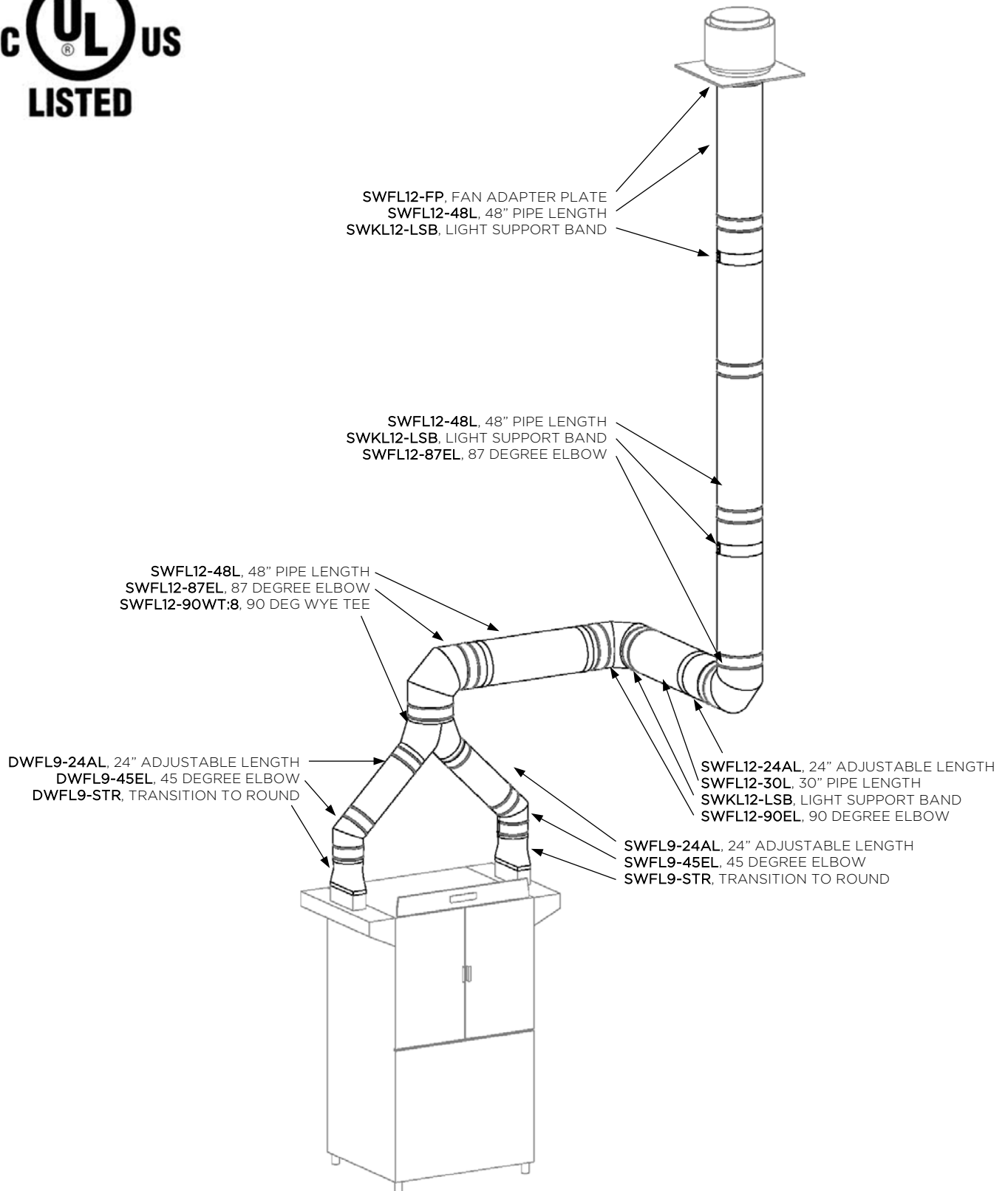
### SAMPLE 6 - DWFL STAND-ALONE RESTAURANT EXHAUST

9" I.D. / 11½" O.D. Grease Duct from Wall Mounted Type I Hood



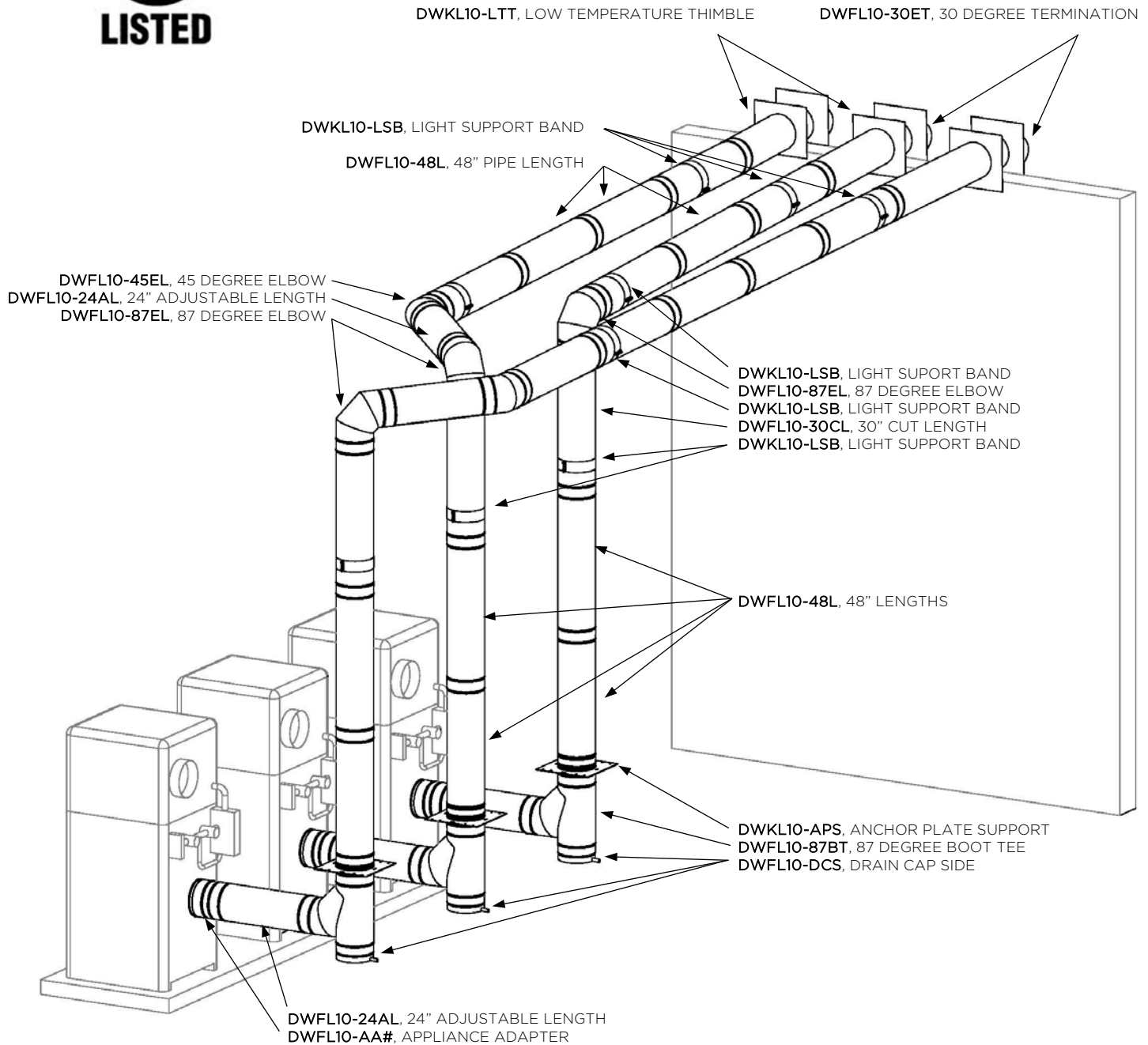
## SAMPLE SYSTEMS

### SAMPLE 7 - SWFL COMMERCIAL DISHWASHER EXHAUST 2X 8" INTO 12" I.D. DISHWASHER EXHAUST



## SAMPLE SYSTEMS

### SAMPLE 8 - SWFL CATEGORY III OR IV SIDEWALL 4X 10" I.D. SIDEWALL VENTED

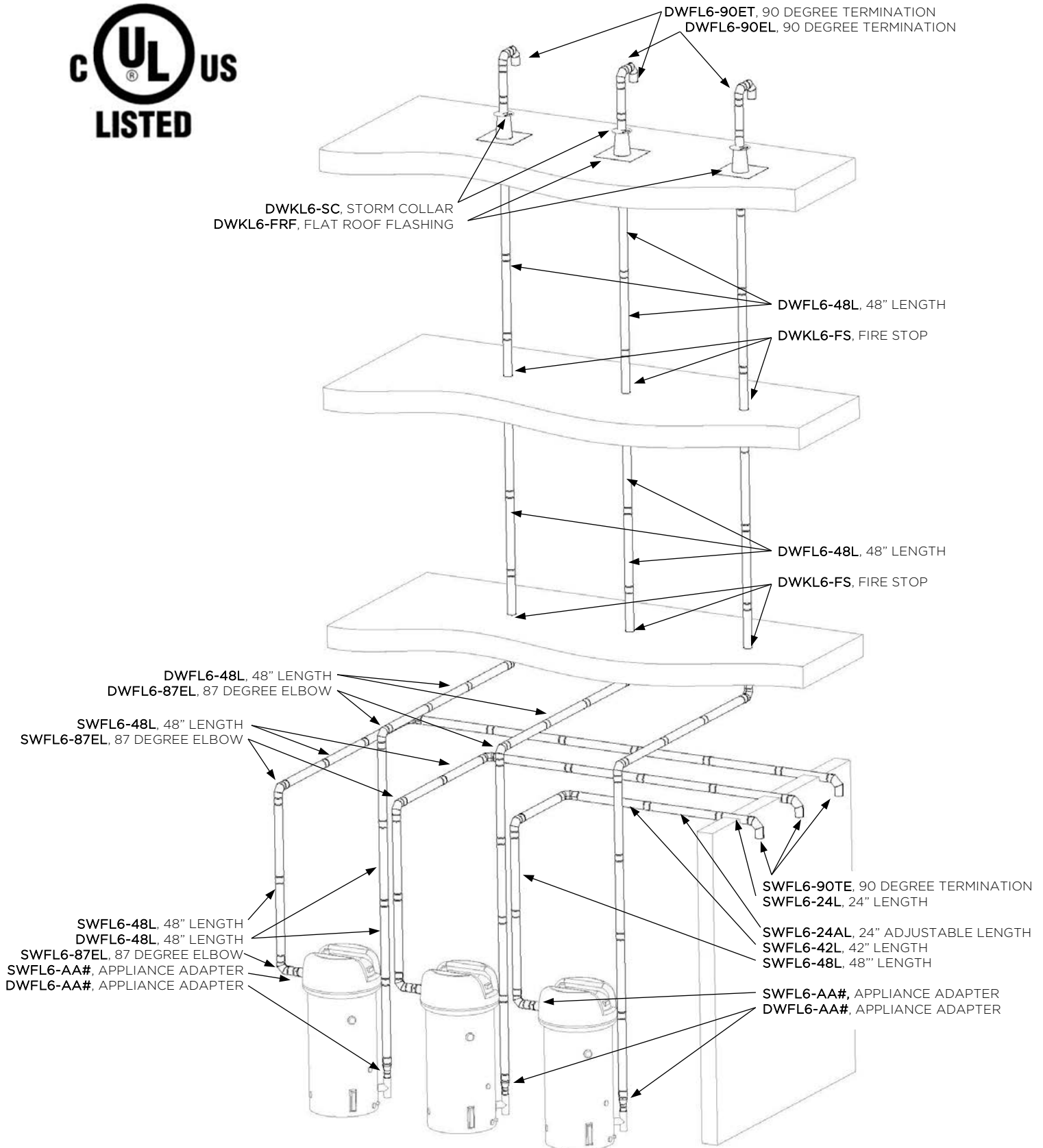




## SAMPLE SYSTEMS

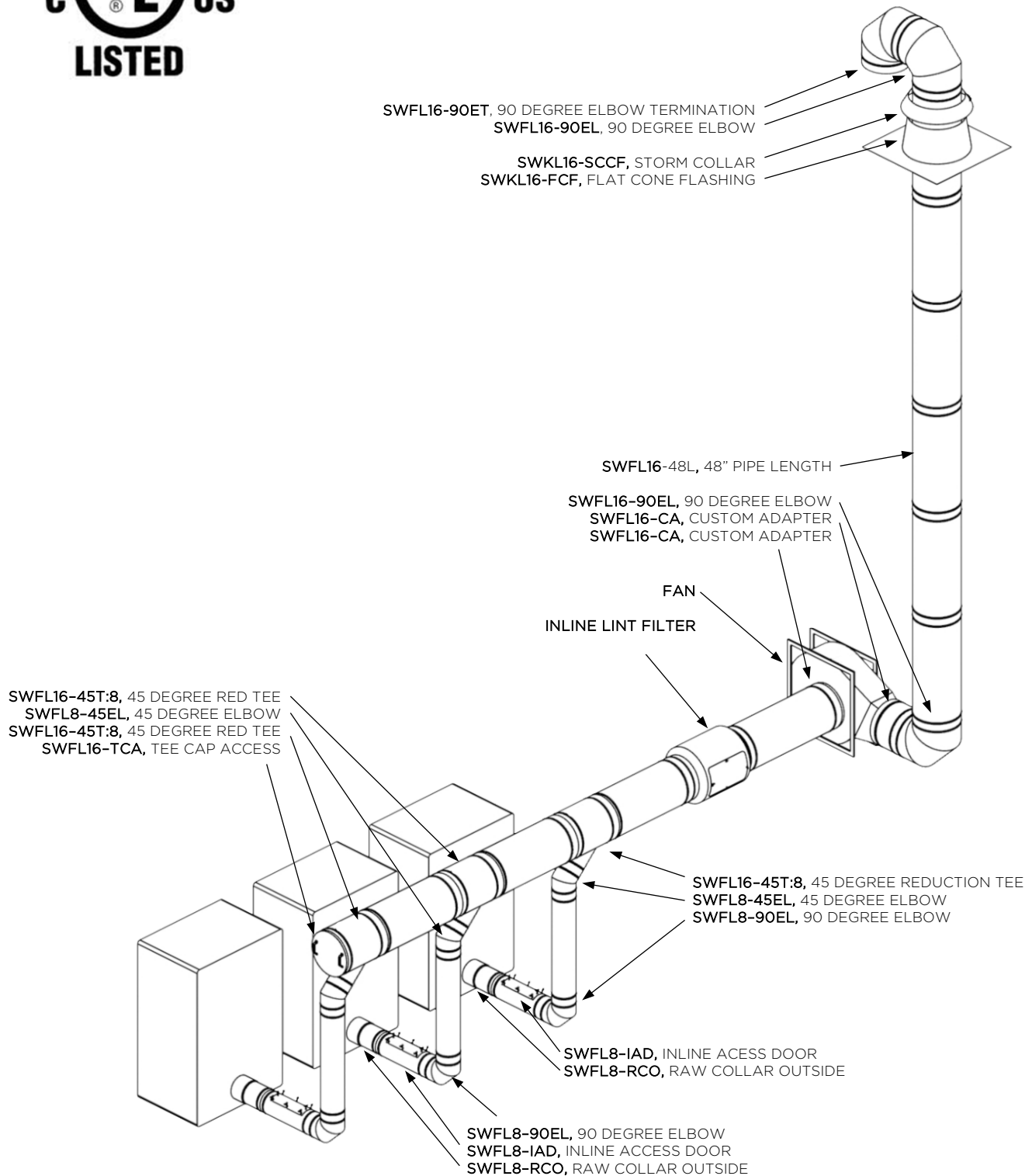
### SAMPLE 9 - DWFL/SWFL SEALED COMBUSTION

4X 6" I.D. DWFL VERTICALLY VENTED WITH SWFL SIDEWALL INTAKES



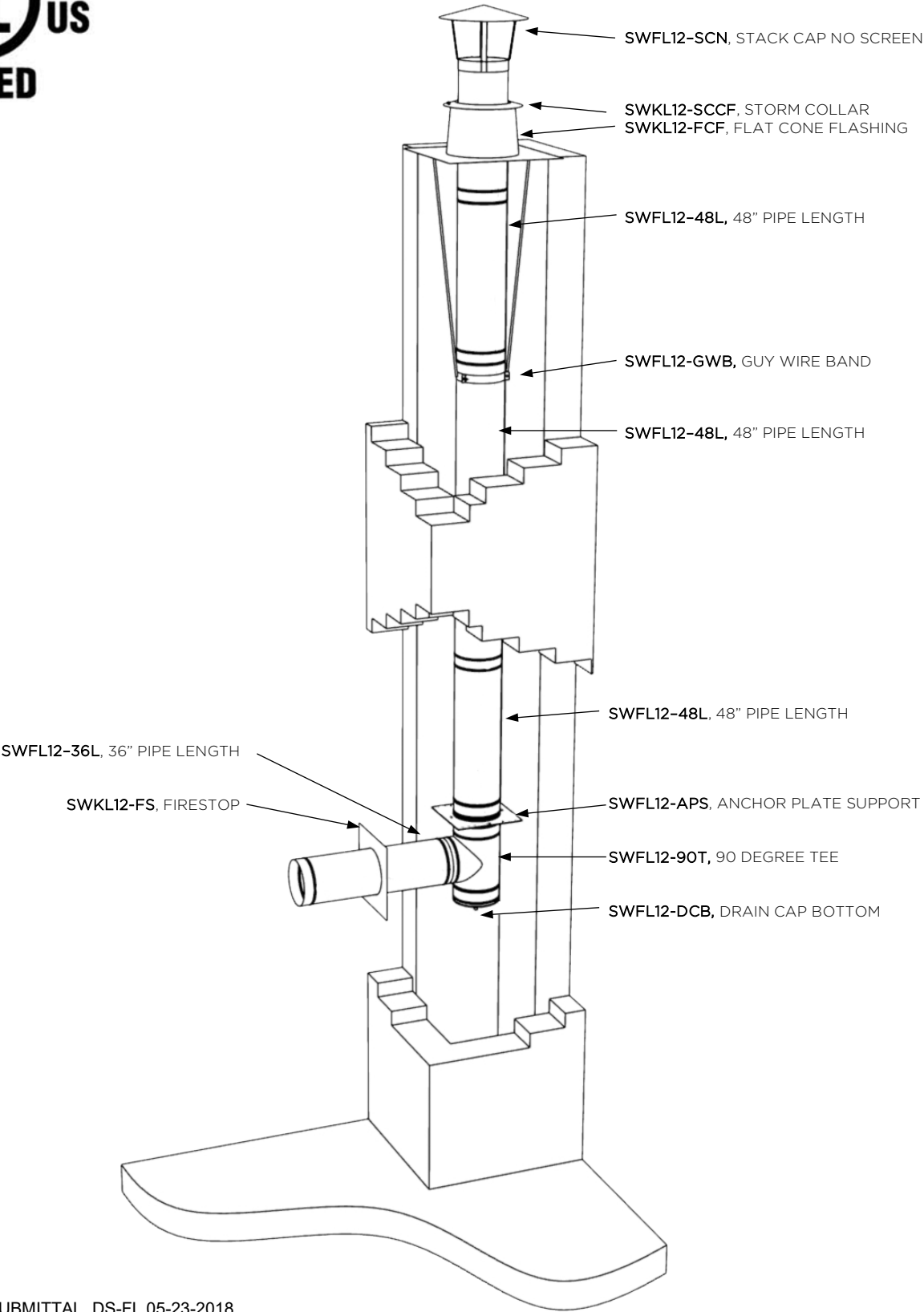
## SAMPLE SYSTEMS

### SAMPLE 10 -SWFL COMMERCIAL LAUNDRY DRYER EXHAUST 3X 8" I.D. INTO COMMON 16" I.D. WITH INLINE FILTER AND FAN



**SAMPLE SYSTEMS**

**SAMPLE 11 - SWFL CHIMNEY LINER**  
12" SWFL CHIMNEY LINER



# WARRANTY STATEMENT

## I. 1-Year Limited Warranty

Jeremias Inc. ("Jeremias") provides a 1-year limited warranty ("1-Year Limited Warranty") for its Universal Stacks and Exhaust Systems models DWFL and SWFL (collectively, the "Products") for any defect in workmanship or materials under normal use from the date of shipment to the purchaser of Products ("Purchaser"), subject to the following conditions:

- Product sizing and specifications have been performed in accordance with generally accepted engineering practices.
- Correct installation and maintenance in full compliance with Jeremias' installation and maintenance instructions as published at the time of installation.

## II. Extended 25-Year Limited Warranty

Jeremias provides for an extended 25-year limited warranty ("25-Year Limited Warranty") for any defect in workmanship or materials under normal use from the date of shipment to the Purchaser, subject to the satisfaction of the following conditions:

- Products must have been designed and sized by Jeremias' personnel.
- Availability of a written inspection report from the time of installation, or timely thereafter, by a Jeremias inspector or an inspector authorized by Jeremias, that the Product assembly and installation conformed to all of Jeremias' assembly and installation instructions.
- Products were at all times operated and maintained in full compliance with Jeremias' operation and maintenance instructions as published at the time of installation or as later provided to Purchaser by Jeremias.

## III. Exclusion of Limited Warranty

The 1-Year Limited Warranty and the 25-Year Limited Warranty (collectively the "Limited Warranty") shall not cover (i) damages to: wear parts, e.g. seals; demonstration units; paintwork; moving parts, including but not limited to compensators, flue gas dampers, draught regulators, chimney, doors; flexible piping; insulation; consumables, such as granulates; minor Product deviations which do not effect functionality; or (ii) damages caused by: contamination of ambient air or combustion air by chlorinated hydrocarbons or other vapors which may cause excessively severe acid condensate to form within the Products; merchandise provided by other manufacturers; installation, transport or commissioning; Purchaser, an installer or other third parties; normal wear and tear; any party other than Jeremias in a willful manner; force majeure, including, but not limited to flood, fire or frost; non-compliance with the assembly, installation, operation and maintenance instructions available at [www.JeremiasInc.com](http://www.JeremiasInc.com); assembly, installation, maintenance or repair by unqualified personnel; improper commissioning; use of Products not in accordance with their intended purpose; exposure of Products to any metals of an inferior quality; contamination of the Products between unpacking and assembly; burning of wood other than unpainted, natural wood, which has been stored for at least 3 years and which moisture level does not exceed 20%; or burning of chipboard or domestic waste.

## IV. Remedies

If a valid Limited Warranty claim arises, Jeremias shall, at its sole discretion, either repair the Product or deliver a properly functioning Product. This Limited Warranty is limited to repair or replacement of the Product plus shipping cost to the location of the defective Product. The Limited Warranty does not cover labor costs for removal or replacement of the defective Product, unless such labor shall be carried out by Jeremias itself in its sole discretion.

## V. Filing of a Limited Warranty Claim

Limited Warranty claims may only be asserted during the term of the applicable Limited Warranty period. Any extension of the term of the Limited Warranties shall be excluded, regardless of the legal basis. If Purchaser believes that there is a justified Limited Warranty claim, Purchaser shall notify Jeremias to that effect in writing. Any claims stemming from or relating to a Limited Warranty shall be asserted in detail within eight weeks after the discovery of the defect (the time when the notification is received by Jeremias will be the basis for determining whether a claim has been reported within this deadline) or else shall be excluded and not be recognized by Purchaser. Such notification shall include a description of the defect, original proof of purchase, and a copy of the written inspection report as described in Section II above (if applicable).

## VI. No Other Warranty

EXCEPT AS SET FORTH EXPRESSLY THEREIN, JEREMIAS MAKES NO WARRANTIES, EITHER EXPRESS OR IMPLIED, REGARDING THE PRODUCTS, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

## VII. Damages Disclaimer and Limitation

IN NO EVENT SHALL JEREMIAS BE LIABLE TO ANY CLIENT OR ANY OTHER PERSON FOR ANY (A) INDIRECT, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, INCLUDING LOSS OF PROFIT OR GOODWILL OR (B) DIRECT DAMAGES TO BODY, HEALTH OR PROPERTY FOR ANY MATTER ARISING OUT OF OR RELATING TO THE PRODUCTS, WHETHER SUCH LIABILITY IS ASSERTED ON THE BASIS OF CONTRACT, TORT OR OTHERWISE EVEN IF JEREMIAS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL JEREMIAS' TOTAL AGGREGATE LIABILITY FOR DAMAGES EXCEED THE GREATER OF THE AMOUNT OF (A) TOTAL COMPENSATION PAID BY PURCHASER TO JEREMIAS FOR THE PRODUCTS, OR (B) PROCEEDS AVAILABLE FROM ANY INSURANCE POLICY IN EFFECT AND APPLICABLE TO THE EVENT GIVING RISE TO SUCH LIABILITY.

## VIII. Notice

Any notice or other communication hereunder to Jeremias shall be sent postage prepaid, by certified mail, by courier such as United Parcel Service or e-mail, to the following: Jeremias Inc., 983 Industrial Park Drive, Marietta, GA 30062, E-mail: [Info@JeremiasInc.com](mailto:Info@JeremiasInc.com). Notices shall be effective upon receipt.

## IX. Terms and Conditions of Sale

Purchaser's Terms and Conditions of Sale as currently in effect shall govern these Limited Warranties, including without limitation the rights and responsibilities granted hereunder.

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Jeremais SUBMITTAL\_DS-FL 05-23-2018