



# CITY OF PORTLAND, OREGON - BUREAU OF DEVELOPMENT SERVICES



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2

## Facilities Permit Plan Intake Form

<b>FOR INTAKE, STAFF USE ONLY</b>		Building/Mechanical	Scott
Date Received	9/25/12	Electrical	Lee
Building Registration #		Plumbing	
Fixed Bid		Fire	Greg
Bin #	B1	Planning	
Building Permit #		BES	
Mechanical #	12-187121-FA	PDOT	
Plumbing Permit #		Structural	
Electrical Permit #		Other	

1  
3  
2

### APPLICANT: Complete all sections below that apply to the project. Please print legibly.

Print Name Jody DePew Sign Name Jody DePew  
 Street Address 5188 SE International Way  
 City Milwaukie State OR Zip Code 97222  
 Day Phone 503 462 4822 FAX 503 462 6555 email jodyd@hvacincorp.com

### Plans / permits available for pick up at 1900 SW 4th Avenue, 5th floor between 8:00 am to 5:00 pm

Contact Name for plan/permit pick up Jody DePew  
 Day Phone 503 462 6566 (direct) email \_\_\_\_\_

Project Building Name / # US Bank Tower  
 Project Address or Location 111 SW 5th Ave  
 Project Name and Description T-20 Amy Margolis TI - #2080

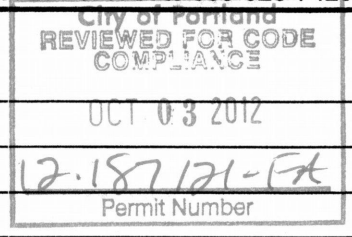
Total Project Value \_\_\_\_\_ Project Reference # 12-180878-FA  
 Building Contractor \_\_\_\_\_ CCB # \_\_\_\_\_  
 Mechanical Contractor HVAC INC CCB # 50897  
 Electrical Contractor \_\_\_\_\_ CCB# \_\_\_\_\_ License # \_\_\_\_\_  
 Plumbing Contractor \_\_\_\_\_ CCB# \_\_\_\_\_ License # \_\_\_\_\_

Building Permit  
 No. of Stories \_\_\_\_\_  
 Const. Type \_\_\_\_\_  
 [Y] [N] Alarms Required  
 [Y] [N] Smoke Det. Req'd  
 [Y] [N] Sprinklers Req'd  
 [Y] [N] Struct. Eng / Calcs Submitted

Electrical Permit  
 Please provide a completed standard electrical permit application form. You may mail or deliver it to 1900 SW 4th Avenue, Portland, Oregon 97201 or FAX to 503-823-7425.

Mechanical Permit  
 Mechanical Valuation 660.00  
 Description Exh fan in server/breakroom  
relocate grilles

Plumbing Permit  
 Number of Fixtures \_\_\_\_\_  
 Back Flow Devices \_\_\_\_\_  
 Water Service (# of Feet) 12-187121-FA  
 Medical Gas \_\_\_\_\_  
 Other \_\_\_\_\_



12-187121-FA

B1



# COOK



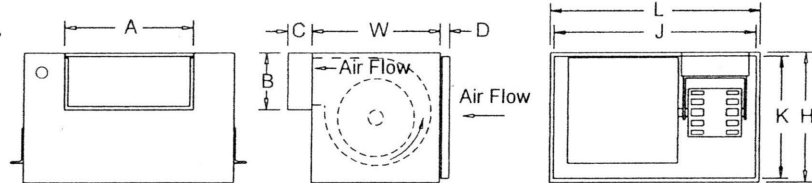
MARK: EF-1
PROJECT: T-30
DATE: 7/11/2011

## GEMINI

Inline Blowers  
200-700 Series

### STANDARD CONSTRUCTION FEATURES:

Forward curved galvanized steel fan wheels -  
Corrosion resistant galvanized steel fan housing -  
Acoustically insulated housing - Aluminum  
backdraft damper with solid aluminum hinge rod  
mounted in brass bushings - Permanently  
lubricated motor with built-in thermal overload  
protection and disconnect plug - Interchangeable  
panels with removable fasteners allows the  
discharge to be easily changed - Internal wiring  
box with disconnect receptacle.



### Performance

Qty	Catalog Number	Flow (CFM)	SP (inwc)	Nominal RPM	Input Watts
1	GN-340	150	.200	1222	94

Altitude (ft): 39 Temperature (F): 70

### Motor Information

Volts/Ph/Hz	Nameplate Amps
115/1/60	2.2

### Dimensions (inches)

L-HSG	12-3/8
W-HSG	10-3/4
H-HSG	10-3/4
A-Outlet	8
B-Outlet	6
J-Inlet	12-5/16
K-Inlet	10-11/16
C	1
D	5/8

NOTE: Accessories may affect dimensions shown.

Shipping Weight(lbs)***	26
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\*\*\*Includes fan, motor & accessories.

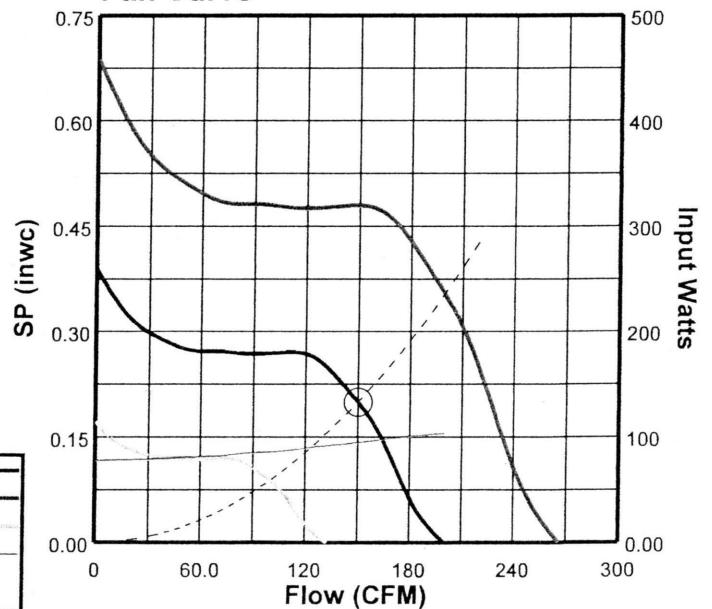
### Sound Data Inlet Sound Power by Octave Band

1	2	3	4	5	6	7	8	LwA	dBA	Sones	HVISONes
55	50	47	38	29	22	25	30	42	28	1.0	.6

### Accessories:

FAN SPEED CONTROLLER 5 AMP 120 VOLT

### Fan Curve



### Fan Curve Legend

CFM vs SP (1222)	—
100% FSC (1625)	—
50% FSC (812.5)	—
CFM vs Watts	—
Point of Operation	○
System Curve	—



# COOK

PROJECT: T-20

DATE: 7/11/2011

## FSC

### Fan Speed Controls

#### STANDARD CONSTRUCTION FEATURES:

**PRODUCT DESCRIPTION** - Through the "Quadrac" integrated semi-conductor device it is now possible to offer this system with many advantages. Fewer semi-conductor parts mean greater reliability and the passivation process used in the manufacture of the semi-conductor insures long life.

Printed circuit construction eliminates wiring difficulties and guarantees workmanship.

All of these factors serve to offer the most important of all features - quality.

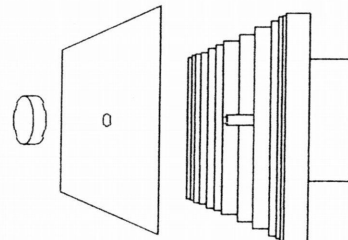
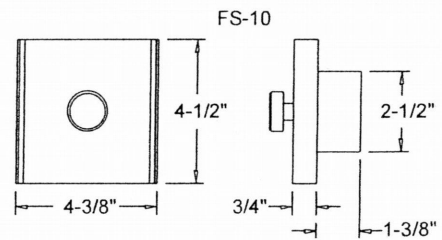
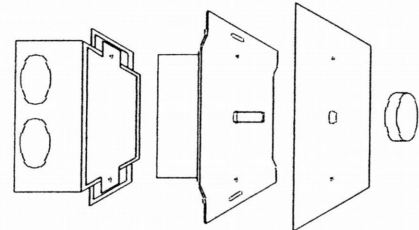
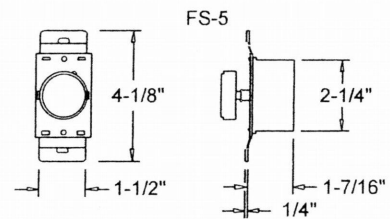
**SPEED CONTROL** - Positive Off/On action in the control dial. Speed range set to the customer's requirements. **CONTROL RATING** - 120 volts, 60 cycles, 1 phase. Maximum ambient temperature - 120 degree F (5 AMP, 10 AMP, 15 AMP). 220/240 volt, 50/60 cycles, 1 phase. Maximum ambient temperature - 120 degree F (5 AMP, 10 AMP). 220/240 volt model not UL listed. Fan cannot have UL listing if furnished with prewired 220/240 volt FSC. 277 volt, 60 cycles, 1 phase.

Maximum ambient temperature - 120 degree F (5 AMP). **WARNING** - Power must be turned off before installing this unit. **STANDARD INSTALLATION** - Fits any standard single gang box.

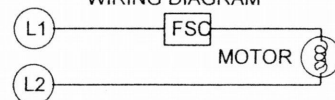
Turn off power and connect the two wires on the control to the two switch wires in the usual manner. The connection box is not supplied. **SPECIAL FEATURES** - Complete range control, solid state "Quadrac" integrated circuitry, solid state construction for long reliable operating life, saves on electric bills.

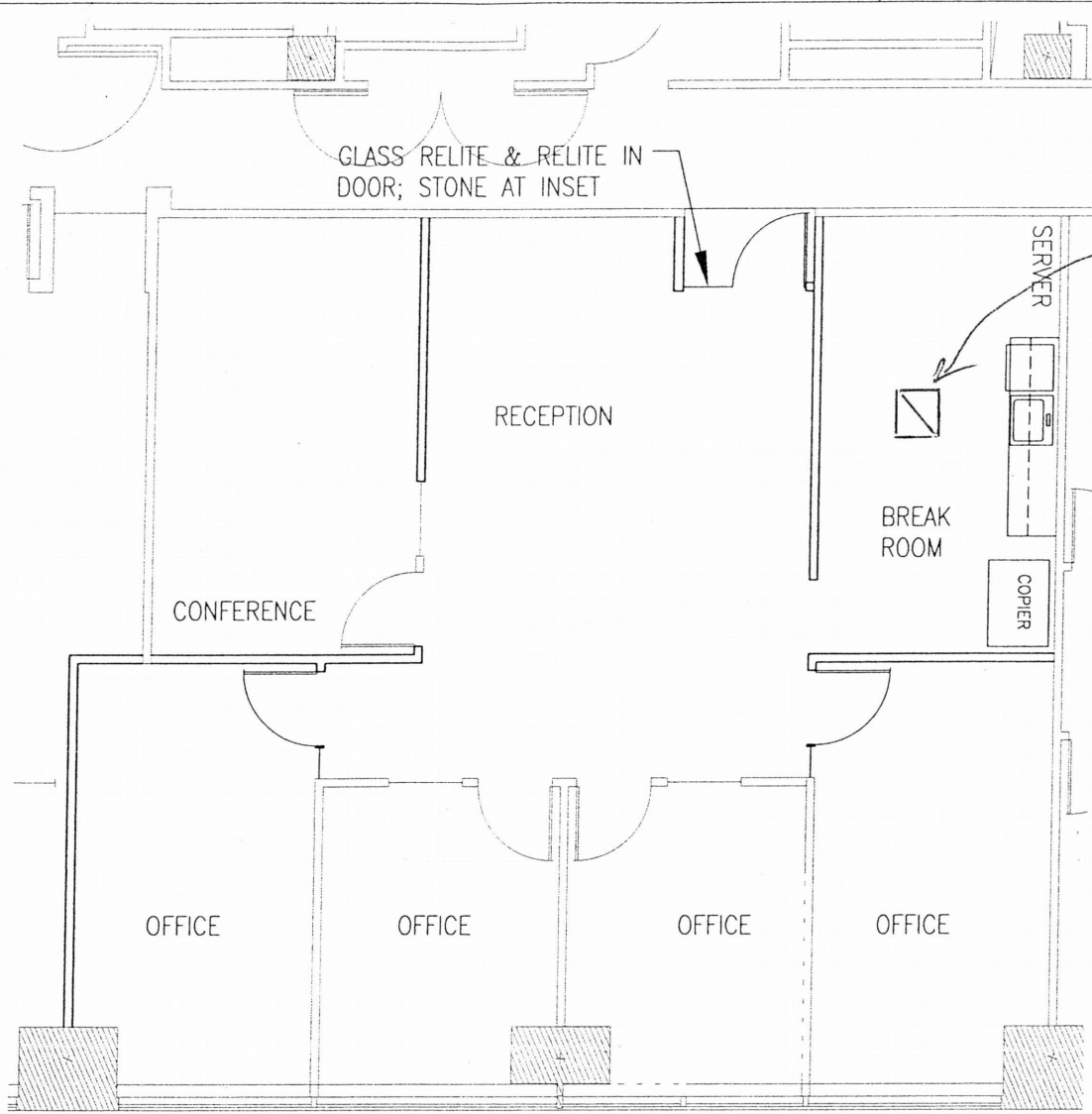
#### Dimensions (inches)

Mark	Qty	Description
EF-1	1	FSC 5 AMP 120 VOLT



#### WIRING DIAGRAM

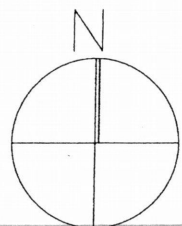




NEW  
EXH. FAN  
w/ SPEED  
CONTROLLER  
VENT TO  
PLENUM

1 SPACE PLAN, 20TH FLOOR  
Not To Scale

1,626 RSF



AMY MARGOLIS, ATTORNEY  
US BANCORP TOWER

DRAWING DATE SPACE PLAN  
08.14.2012

City of Portland  
REVIEWED FOR CODE  
COMPLIANCE  
OCT 03 2012  
12-187121-FA  
Permit Number

UNICO

12-187121-FA