

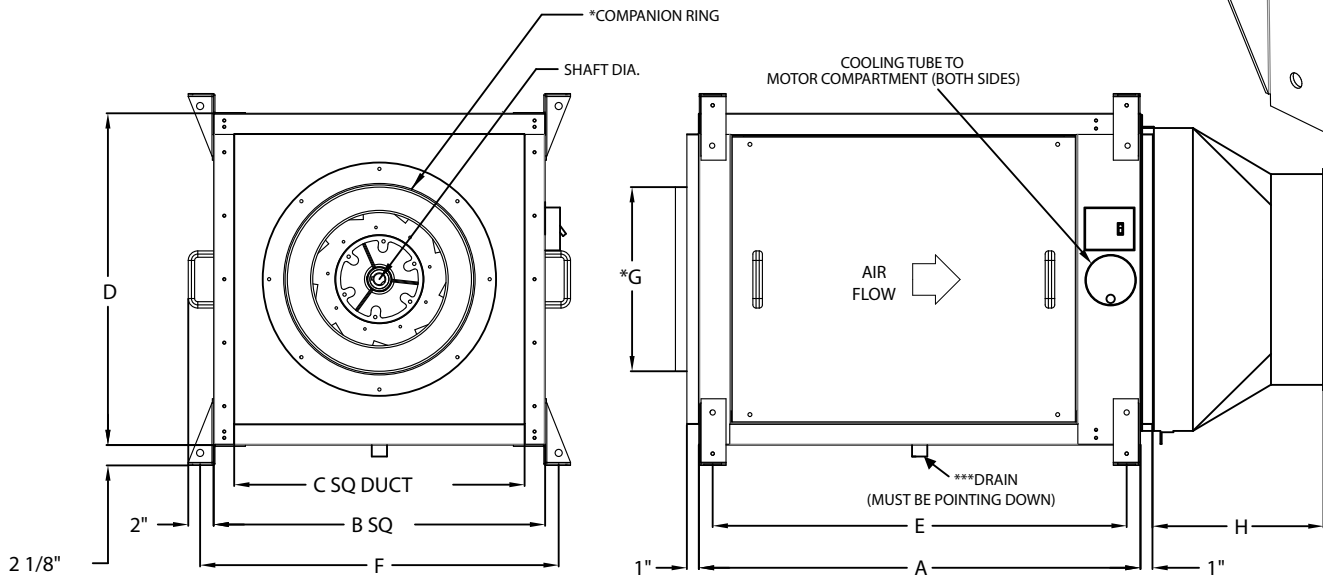
Direct Drive Inline Exhaust fan for General Use and Restaurant Application

ZVS-SIF-DD



SIFDD (INLINE FAN)
REV #0 01/31/2019

SIFDD SERIES INLINE FAN (UL762)



UNIVERSAL MOUNTING BRACKET
1/2" DIA. THREADED ROD ONLY
.560" DIA. MOUNTING HOLES
USED WITH CEILING VIBRATION ISOLATORS
USED WITH FLOOR VIBRATION ISOLATORS
CAN BE RELOCATED IN THE FIELD AS NEEDED

SQUARE TO ROUND
DUCT ADAPTER

FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/ PULLEYS)
- TWO ACCESS DOORS FOR EASY ACCESS
- BACKWARD INCLINED NON-OVERLOADING WHEELS
- UL705 & UL762 & ULC-S645 LISTING
- AMCA AIR & SOUND CERTIFIED
- VARIABLE SPEED CONTROL
- DISCONNECT SWITCH
- RESTAURANT MODEL
- HIGH HEAT OPERATION
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY
WHILE EXHAUSTING AIR AT 300°F/149°C
UNTIL ALL FAN PARTS HAVE REACHED
THERMAL EQUILIBRIUM, AND WITHOUT ANY
DETERIORATING EFFECTS TO THE FAN WHICH
WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY
WHILE EXHAUSTING BURNING GREASE VAPORS
AT 600°F (316°C) FOR A PERIOD OF
15 MINUTES WITHOUT THE FAN BECOMING
DAMAGED TO ANY EXTENT THAT COULD CAUSE
AN UNSAFE CONDITION.

NOTES:

- * COMPANION RINGS USED WHEN ROUND DUCT BY OTHER.
- * COMPANION RINGS ARE INSTALLED ON THE INTAKE.
- ** WHEN COMPANION RINGS ARE USED TOTAL LENGTH INCREASE BY 1/2".
- ** DWXXFRISER USED WHEN CONNECTING TO STANDARD DUCT.
- ** DWXXFRISERS ARE INSTALLED ON THE INTAKE.
- ** WHEN DWXXFRISERS ARE USED TOTAL LENGTH INCREASE BY 3".
- *** 2" NPT THREADED DRAIN CENTERED IN BASE. MUST BE CONNECTED TO OPTIONAL GREASE BOX OR PIPED TO GREASE RESERVOIR (RECOMMENDED).
- **** IF CAS DUCT IS NOT USED, BLACK IRON GREASE DUCT WILL NEED TO BE WELDED DIRECTLY TO THE UNIT.

**SIFDD INLINE DIRECT DRIVE
CENTRIFUGAL INLINE FAN DIMENSIONAL DATA**

FAN MODEL	A	B	C	D	E	F	G	H	SHAFT DD DIA.	ROUND DUCT CONNECTION	APPROX SHIPPING (LBS)
SIF1DD-SS	27 7/8	19 1/8	15 7/8	19 3/8	25 5/8	21 3/8	12 1/2	13 1/8	1/2	12" DUCT	150
SIF13DD-SS	29 7/8	21 1/8	17 7/8	21 1/8	27 5/8	23 3/8	13 1/2	13 1/8	1/2-7/8	14" DUCT	160
SIF15DD-SS	34 7/8	26 1/8	22 7/8	26 1/8	32 5/8	28 3/8	15 1/8	13 1/8	1/2-7/8	16" DUCT	200
SIF18DD-SS	35 7/8	27 1/8	23 7/8	27 1/8	33 5/8	29 3/8	18 1/2	13 1/8	1 1/8	20" DUCT	250
SIF20DD-SS	38 7/8	31 1/8	27 7/8	31 1/8	36 5/8	33 3/8	19 5/8	19 1/8	1 3/8	20" DUCT	360
SIF24DD-SS	44 7/8	38 1/8	34 7/8	38 1/4	42 5/8	40 3/8	25 1/4	19 1/8	1 5/8	24" DUCT	420
SIF30DD-SS	49 7/8	45 1/8	41 7/8	45 1/4	47 5/8	47 3/8	24 3/8	23 1/8	1 5/8	24" DUCT	705
SIF36DD-SS	54 7/8	52 1/8	47 7/8	52 1/8	52 1/8	54 3/8	30 3/8	35 1/8	1 7/8	30" DUCT	870

OPTIONS:

- FLOOR VIBRATION ISOLATORS
- CEILING VIBRATION ISOLATORS
- COMPANION RINGS
- ROUND DUCT CONNECTION FOR STANDARD DUCT
- UNIVERSAL HANGING BRACKET