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Details on page A1.

TJERNLUND

In-Line Draft Inducers

- Nominal voltage (inducers): 115V AC

Increase draft for gas- and oil-fired heating equipment. Variable draft control. Aluminized steel housing and wheel. Use for long, horizontal vent connectors, undersized chimneys, and structures with a slight negative pressure. Fastening band included, except bandless screw attachment on 4C730 and 4C731.

Note: The performance table shows typical capacities when inducer is mounted on pipe sizes shown. Heating capacities shown are for 1000 Btu per cu. ft. of natural gas and for 139,000 Btu per gal. of #2 fuel oil.

INTERLOCK CONTROLS

To comply with national mechanical codes, draft inducer must be interlocked with heater it serves.

Fan Proving Switch—Monitors pressure within the inducer housing. Required with 4C730 and 4C731 for CSA certification.

Universal Interlock Control—Provides heater interlock with any 24/120VAC burner circuit. Features adjustable pre/post purge, LED status indicators, and fault code memory.

Item No.	HP	H (in.)	W (in.)	D (in.)	Cut Out Req.
4C730	1/10 hp	7 3/8 in	9 in	5 7/8 in	2 5/8 x 7 1/8
4C731	1/20 hp	9 1/8 in	9 1/2 in	7 in	3 1/8 x 8 5/8
4C732	1/4 hp	14 1/2 in	13 1/2 in	8 3/4 in	4 x 12 3/4
4C733	1/4 hp	17 in	14 3/4 in	10 in	4 1/4 x 14 3/4

Vent Pipe Dia. (in.)	Gas Firing with Draft Hood 100% Dilution Heater Btu Input @ 270°F	Gas Firing with Bar Draft Control 25% Dilution Heater Btu Input @ 390°F	Oil Firing with Bar Draft Control 15% Dilution Heater Btu Input @ 530°F	Mfr. Model	Item No.
In-line Draft Inducers					
3	69,000	72,000	58,000	DJ-3	4C730
4	105,000	109,000	92,000		
5	111,000	104,000	74,000		
6	100,000	34,000	25,000		
5	270,000	330,000	295,000	D-3	4C731
6	356,000	377,000	300,000		
7	360,000	330,000	230,000		
8	320,000	222,000	123,000		
8	900,000	1,200,000	1,100,000	I	4C732
9	1,110,000	1,330,000	1,100,000		
10	1,250,000	1,260,000	840,000		
12	1,030,000	710,000	400,000		
9	1,460,000	1,970,000	1,700,000	IL	4C733
10	2,080,000	2,460,000	1,900,000		
12	1,920,000	2,230,000	1,500,000		
14	1,840,000	1,470,000	825,000		
16	900,000	650,000	350,000		
18	650,000	440,000	200,000		
Interlock Controls					
Fan Proving Switch				PS1505	4C725
Universal Interlock Control				UC1	4KA76

TJERNLUND

HVAC Booster Inline Duct Fans

- Nominal voltage: 120V AC
- Single-speed, standard efficiency motor
- Galvanized steel housing

Designed for powered air intake and exhaust systems, or to boost air flow in hard-to-heat or -cool areas. They integrate into the HVAC system and provide additional airflow and pressure. **Axial Fan** feature a housing with a built-in duct stop on the inlet and crimped edge on the outlet. **Centrifugal Fan** fits in round, square, or flat ducts as shallow as 3 1/4" deep. **Duct Pressure Switch** senses positive air pressure in a duct to activate a duct booster fan. Optional Speed Control 48C172 (sold separately on page 2831) can be used on 6", 8", and 10" units only.

Airflow @ 0.000 in SP	Duct Diameter	Motor Output Power	H X W (in)	Max. Inlet Air Temp.	Mfr. Model	Item No.
Axial Fan Duct Booster						
180 cfm	6 in	7.5 W	6 1/2 x 6	150 °F	EF-6	5C963
325 cfm	8 in	18.6 W	9 x 8	150 °F	EF-8	5C964
475 cfm	10 in	7.5 W	15 3/4 x 10	150 °F	EF-10	5C965
875 cfm	12 in	21.3 W	15 5/8 x 12	150 °F	EF-12	5C966
1,200 cfm	14 in	29.8 W	15 3/4 x 14	150 °F	EF-14	5C967
Centrifugal Fan Duct Booster						
275 cfm	8 in	10.7 W	8 3/4 x 9 1/2	200 °F	DB-2	4C724
Duct Pressure Switch						
Operates Between 24 and 277V AC, 15 Amp					PS1503	5C968

OEM Replacement Furnace Draft Inducers

Units install into compatible furnaces and directly replace damaged or faulty draft inducers. They help ensure the connected system runs at its optimal performance level while maintaining all its original safety functions.

WARNING: Use as direct OEM replacement only. Any other use constitutes a misapplication, which voids the warranty and may create unsafe conditions.

Compatible with Brand	Replacement For Manufacturer Model Number	Nameplate Voltage (AC)	Mfr. Model	Item No.
A.O. Smith				
Lochinvar	—	120V	100110631	42FG14
AAON, Inc.				
AAON, INC	—	460V	P4847B	40LV43
Carrier				
Carrier	—	115V	320725-756	34VH22
	—	120V	340793-762	115V32
Fasco				
Amana	11009001, 70219064, 70219924, R7-RFB129	115V	A129	41H443
Armstrong	40425-002, 40425-003, 702110046, 702110325, 702111062, FB-RFB425	115V	A155	33NT49
Evcon, York	2940-391, 70215478	115V	A088	41H441
Goodman	70022307, 70023219, B1859005, FB-RFB185	115V	A157	41H438
	70219087, 70219565, 7021991, B2833001, FB-RFB140	115V	A140	41H446
	7021-9227, D9886202	208-240V	A284	45KD48
Goodman, Trane	7021-6804, B1859000	115V	A079	41H440
Heil Quaker, Intercity Products	HQ1050144	230V	A151	45KC56
Intercity Products	1011409, 1164280, 702110299, 702110702	115V	A170	33NT36
	1010491, 1010527, 1011096, 1011410, 1011412, 70624201, 70624274, 70624549, 70624705, 70624783	115V	A171	33NT38
	1010975, 1010975P, 7002-2633, 7002-2792	115V	A172	33NT40
	330701-701FA, 7058-1124	115V	A985	45KD82
Lennox	67K0401, 67K0401P, 702110721, 70219450	115V	A163	33NT39
	45037-001, 702110602, 702111106, 702111174	115V	A202	33NT46
	18L0401, 702110376	115V	A213	33NT48
	65204100/20J8901, 7021-8473, 7021-8983	115V	A206	45KC96
	10361801, 7021-11634, 7058-0464, 81M1601	115V	A992	45KD85
	7021-8372, 7021-9001, T6-2118	120V	A205	45KC95
	101154-01, 7021-9466, 7021-9646	120V	A320	45KD60
	69M3301, 7062-4083, 7062-4517, 7062-4608, 7062-5546	208-230V	A330	45KD65
	69M3201, 7062-4051, 7062-4518, 7062-5554, 97J8101	460V	A331	45KD66
Rheem, RUUD	70-24033-01, 70623861, 70624537, 70625177, FB-RFB136	115V	A136	33NT43
	70215990, 703020	115V	A086	41H436
	70-22165-81, 7062-4534, 70621881, FB-RFB142	115V	A142B	41H437
	70-23641-01, 70-23641-81, 7021-9567, 702112903, 70219137	208-230V	A241	33NT44
Trane	7092-0238, 7092-0238S, D342097P01	33-110V	A197	45KC88
	70218428, 70218924, 70219913, D330673P01, FB-RFB143, X38040305017	115V	A143	41H447
	70623956, 70624004, 70624538, D330757P03, FB-RFB130, X38040313037	115V	A130	41H450
	7021-11544, 7021-11544S, 7021-9010, 7021-9065, D330757P02, D342094P02	115V	A196	45KC87
	7021-8591, X38040050-01-0	208-240V	A193	45KC84
	7021-7833, 7021-8928, C661452P01, X38080029010	208-230V	A150	41H449
	7021-11054, X38040363010	208-230V	A269	45KD35
	7062-5033, X38040369010	208-230V	A270	45KD36
	7062-3969, X38040308-01	208-230V	A271	45KD37
	7062-3971, X38040309-01	208-230V	A272	45KD38
	7062-3972, X38040310-01	208-230V	A273	45KD39
	7062-3973, X38040311-01	208-230V	A274	45KD40
York	024-34558-000, 17503, 702111577, 702111577S, 702111830	115V	A225	33NT42
	341449, 7058-1023	115V	A984	45KD81
	026-33999-001, 7021-10096, 7021-9656	208-230V	A223	45KD10
	102529, 7062-5155	208-230V	A234	45KD17
Modine				
Modine	—	115V	5H0735970001	62YC09
Packard				
AllTemp, Fasco, GE, Goodman, Rotom, Trane	5KSB46GF0001, 5KSB46GF0001S, 7021-10958, 702110958, A188, B4833000, B4833000S, FB-RFB483, XX-2233-A, XX-2233-B	115V	48331	5JLR6
Ametek, Fasco, ICP, Nidec, Packard, Rheem, US Motors	117104-01, 117104-08, 117847-07, 1690042, 4MF46, 5C089, 66838, 70-22162-81, 70-22838-02, 70-22838-82, 70-24149-01, 70-24157-03, 70-24175-81, 7062-2615, 7062-4534, 7062-4702, A066, A066B, FB-RFB142, N066	120V	66847	5JLR4
Carrier, Emerson, Fasco, Jakel, Mars, Robertshaw, Rotom	10704, 310371-752, 3109, 318984-753, 71582216, FB-RFB212, HC15ZN012, HC21ZE115, HC21ZE117, HC21ZE117B, J238-150-037751, J238-150220, RFB212, Robertshaw 33-620	115V	65569	46E377
Rheem				
Rheem	—	115V	70-24157-03	34VH47

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