



Honeywell White-Rodgers
Home
Supco Johnson Controls

Plenum-Mount Fan and Limit Controls

FAN AND LIMIT

Single-element fan and limit combination fits applications with narrow space limitations.

Honeywell Home—UL Listed.

White Rodgers—UL Recognized and CSA Certified.

LIMIT

- Pilot-duty rated
- Resistive amps: 15 at 120V, 10 at 240V
- Inductive amps: 3 at 120V, 1.5 at 240V
- Voltage: 120/240/480

UL Listed and CSA Certified.

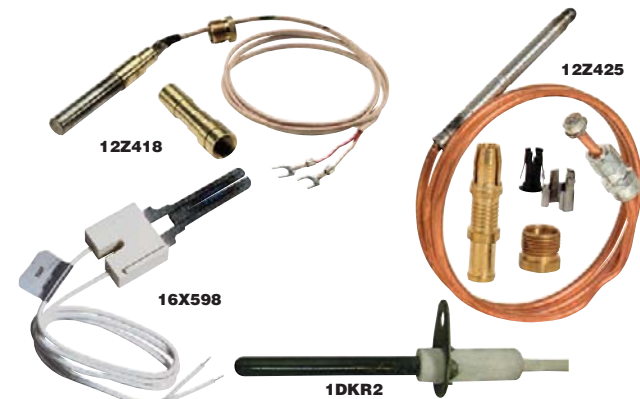
WARM AIR

- Max. element temp.: 300°F
- Pilot duty: 125VA at 24 to 600VAC
- Inductive amps: 16 at 120V, 8 at 240V

Features adjustable dial stop and trip-free reset lever. UL Listed.

Element Insertion Length	Differential	Temp. Range (F)	Brand	Mfr. Model	Item No.
Fan and Limit Control - Adjustable Temp., Auto Reset					
5 in	Limit Fixed 25°F, Fan Adj. 22°F	Fan 50 to 200, Limit 100 to 250	Honeywell Home	L4064B2228	2E818
5 in	Fan Adj. 15°F, Limit Fixed 25°F	Fan 50 to 265, Limit 100 to 300	White-Rodgers	5D51-35	2E232
8 in	Fan Adj. 22°F, Limit Fixed 25°F	Fan 50 to 200, Limit 100 to 250	Honeywell Home	L4064B2236	2E819
8 in	Limit Fixed 25°F, Fan Adj. 15°F	Fan 50 to 265, Limit 100 to 300	White-Rodgers	5D51-90	2E372
9 in	—	100 to 350	White-Rodgers	416-4	48FX06
11 1/2 in	Fan Adj. 22°F, Limit Fixed 25°F	Fan 50 to 200, Limit 100 to 250	Honeywell Home	L4064B2210	2E820
11 in	Fan Fixed 25°F, Fan Adj. 15°F	Fan 50 to 265, Limit 100 to 300	White-Rodgers	5D51-78	2E139

Element Insertion Length (in.)	Switch Opens @ (°F)	Differential	Brand	Mfr. Model	Item No.
Limit Control - Fixed Temp., Auto Reset					
1 1/2 in	170 °F	40°F	Supco	SHL506	2FBX3
	140 °F	30°F	Supco	SHL507	2FBX4
	170 °F	20°F	Supco	SHL512	2FBX6
	170 °F	40°F	Supco	SHL501	2FBW8
	170 °F	40°F	Supco	SHL513	2FBX7
	180 °F	30°F	Supco	SHL502	2FBW9
	180 °F	40°F	Supco	SHL514	2FBX8
	190 °F	20°F	Supco	SHL508	2FBX5
3 1/2 in	190 °F	40°F	Supco	SHL503	2FBX1
	200 °F	40°F	Supco	SHL515	2FBX9
	210 °F	40°F	Supco	SHL516	2FBY1
	220 °F	40°F	Supco	SHL517	2FBY2
	240 °F	40°F	Supco	SHL504	2FBX2
	250 °F	40°F	Supco	SHL518	2FBY3
Warm Air Limit Control - Manual Reset Adjustable Temp., 25° to 215°F					
9 5/8 in	—	—	Johnson Controls	A25AN-1C	38Y077



Pilot and Ignition Components

Items are LP/NG except where noted.

5AU59 is 1/4"-dia. aluminum tubing; includes compression nut, ball sleeves, and breakaway ferrule.

12Z418 includes PG9 pilot adapter.

2E446 has 36" armored cable leads with split-spade terminals. Includes mounting nut, spring clips, and PG9 adapter sleeve.

2EWF9 and 2EWF8 have low-mass, quick-dropout thermocouples.

Description	Tip Style	Brand	Mfr. Model	Item No.			
Pilot Assembly							
Aerated	—	Robertshaw	1810-100	12Z431			
	90° Left	Robertshaw	1820-039	12Z433			
	90° Right	Robertshaw	1820-029	12Z432			
Aerated, 2 in L	25° Left	Robertshaw	1830-501	6KX07			
Electronic Pilot Burner with Safety Switch, 30V AC	—	Robertshaw	1830-620	499N04			
Intermittent Pilot Burner/Ignitor-Sensor	Adjustable	Honeywell	Q3451U1000	278Z99			
	Adjustable	Honeywell Home	Q345U1005	36Z439			
	Batwing	Honeywell Home	Q348U1009	36Z440			
Intermittent Pilot Burner/Ignitor-Sensor, 24 in L	Flame Pattern 90° Left	Robertshaw	1830-716	2EWF7			
	Flame Pattern Standard	Robertshaw	1830-705	2EWF6			
	90° Left	Robertshaw	1820-019	2EWF2			
Thermopile, 750 mV, 32 in L	90° Right	Robertshaw	1820-009	2EWF1			
	Channel Type	White-Rodgers	PG9A38JTL24	1RC59			
Universal, 750 and 18 to 30 mV, T-Pile 24, Electrode 18, T-Couple 18 L	—	Robertshaw	1819-001	2EWF8			
Universal Ignitor/Sensor	Round	Robertshaw	1751-729	6KXG6			
Assembly, 24V, 2 1/4 in L	Round	Robertshaw	1751-749	6KXG7			
Universal Standing Pilot Burner	Adjustable	Honeywell Home	Q314U1001	36Z438			
L (in.)	Brand	Mfr. Model	Item No.	L (in.)	Brand	Mfr. Model	Item No.
Hot Surface Ignitor, 120V AC**, Silicon Carbide							
3/8 in	Robertshaw	41-406	6KXC5	5/4 in	White-Rodgers	767A-370	16X599
3/4 in	Robertshaw	41-803	6EPY5 †	5/4 in	White-Rodgers	767A-361	5E811
3/4 in	Robertshaw	41-410	6KXD1	5/4 in	White-Rodgers	767A-357	5E810
3/4 in	Supco	IG402K	4LWU9	5/4 in	White-Rodgers	767A-366	5E813
3/4 in	Supco	IG403K	4LWX1	5/2 in	Robertshaw	41-403	1TGF6
3/8 in	Supco	IG4000	4LWX2	5/2 in	White-Rodgers	767A-365	5E812
4 1/2 in	Robertshaw	41-411	5JA30	6 in	White-Rodgers	767A-356	5E809
4 1/2 in	Robertshaw	41-409	1TGF4	19 1/2 in	White-Rodgers	767A-371	16X598
4 1/2 in	Robertshaw	41-408	1TGF3	Hot Surface Ignitor, 120V AC**, Silicon Nitride			
4 1/2 in	Robertshaw	41-404	5JA29	1 1/4 in	Supco	SSN24	4LWU6 *
4 1/2 in	Robertshaw	41-401	5JA28	2 1/2 in	Supco	SSN4000	4LWU8 †
5 in	Honeywell Home	Q4100C9046	48KT52	2 1/2 in	Honeywell Home	Q3200U1004	6HMU0
5 1/4 in	Honeywell Home	Q4100C9054	48KT53	2 1/2 in	Robertshaw	41-802N	6EPY4 †
5 1/4 in	Honeywell Home	Q4100C9056	48KT54	2 1/2 in	Supco	SSN3000	4LWU7 †
5 1/4 in	Robertshaw	41-414	5JA31	3 1/4 in	Supco	SSN2000	1DKR2 †
5 1/4 in	Robertshaw	41-412	1TGF5	15 1/2 in	White-Rodgers	21D64-5PK	30PL31 †#
5 1/4 in	Robertshaw	41-405	35U238	15 1/2 in	White-Rodgers	21D64-2	16X597
5 1/4 in	White-Rodgers	767A-373	16X602	Ignitor/Flame Rod Assembly, 24V AC			
5 1/4 in	White-Rodgers	767A-372	16X601	30 in	Honeywell Home	Q3400A1024	3UC35 *

* NG only. ** 4LWU6 is 24V, and has flame rod assembly. † Universal. # Pkg. of 5.

Robertshaw White-Rodgers
Honeywell Honeywell
Home Supco

Description	Voltage	L (in.)	Brand	Mfr. Model	Item No.
Pilot Tubing					
Cut to Length	—	60 in	Robertshaw	11-293	5AU59
Thermopile					
Pilot Generator	250mv to 750mv	36 in	Robertshaw	1950-001	12Z418
	750mv	36 in	Robertshaw	1951-536	12Z419
Quick Connect	750 mV	36 in	White-Rodgers	G01A-332	2E446
		35 in	Honeywell Home	Q313A1170	36WH82
Replacement Thermocouple					
Snap-Fit	18 to 30 mV	18 in	Robertshaw	1980-018	12Z425
		24 in	Robertshaw	1980-024	12Z426
		30 in	Robertshaw	1980-030	12Z427
		36 in	Robertshaw	1980-036	12Z428
		48 in	Robertshaw	1980-048	12Z429
		18 in	White-Rodgers	H06E-018	2E166
		18 in	Honeywell Home	Q340A1066	2E720
		24 in	White-Rodgers	H06E-024	2E140
Standard Coaxial	18 to 30 mV	24 in	Honeywell Home	Q340A1074	2E524
		30 in	White-Rodgers	H06E-030	2E141
		30 in	Honeywell Home	Q340A1082	2E721
		36 in	White-Rodgers	H06E-036	2E142
		36 in	Honeywell Home	Q340A1090	2E525
		48 in	White-Rodgers	H06E-048	2E337
		48 in	Honeywell Home	Q340A1108	36WH80
		18 in	Robertshaw	1970-018	12Z420
Threaded	20 to 30 mV	24 in	Robertshaw	1970-024	12Z421
		30 in	Robertshaw	1970-030	12Z422
		36 in	Robertshaw	1970-036	12Z423
		48 in	Robertshaw	1970-048	12Z424
Universal Coaxial ODS	18 to 30 mV	27 in	Robertshaw	1960-027	2EWF9

Description	Brand	Mfr. Model	Item No.
Flame Sensors			
Single Rod, 30", 1/4" Female Spade	White-Rodgers	760-401	4E957
Mercury, 48", Plug-In, No. 19 Bulb	White-Rodgers	3098-134	1N180
Mercury, 48", Plug-In, No. 20 Bulb	White-Rodgers	3098-156	1N181
Plug-In, Sleeve Covered, 125V	White-Rodgers	30A46-105	48FX08
Plug-In, Stud Mount, 125V	White-Rodgers	30A46-5	48FX07
Hot Surface Ignition, For Mfr. No. 0130F00010	Supco	FLS010	48XL37
Hot Surface Ignition, For Mfr. No. LH33ZW2514	Supco	FLS013	48XL38
Hot Surface Ignition, For Mfr. No. LH33ZS004	Supco	FLS014	48XL39
Hot Surface Ignition, For Heating Equipment	Supco	FLS201	48XL40
Hot Surface Ignition, For Mfr. No. 62-25343-01	Supco	FLS301	48XL41
Hot Surface Ignition, For Mfr. No. 760-401, PFS401	Supco	FLS401	48XL42
Hot Surface Ignition, For Mfr. No. 025-27773-700	Supco	FLS700	48XL43