



North American Gas Pilots (for larger burners)

Ref: Bul 4065, Sheet 4085, Bul 7350, Bul 7218-7219A
Bul 7344 and Sheet 1400-1

4015 Pilot Sets are used to light large capacity North American burners (Bulletin 4011 describes pilots for smaller burners). When properly installed, these premix pilots are unaffected by changes in main burner adjustment or furnace atmosphere or pressure conditions.

PILOT TIPS

Most 4025 pilot tips are spark-ignited, energized by a 6000-volt transformer; and most have threaded discharges (with "T" suffix) to fit sealed-in burners, by far the most common in industry today.

Manually ignited tips (with "M" suffix) are furnished with a lighter hole cap.

Special explosion resistant pilot igniters are available, see the 4055-X-ERA in Bulletin 4055.

PILOT SETS

A 4015 set consists of tip, mixer, air valve, and gas cock. Mixers have inlet and outlet pressure taps, either of which can be used to cross-connect the pilot ratio regulator. This is desirable in some installations where pressure variations at the pilot tip could upset its air/fuel ratio. Several 4025 tips could be fed by a single higher capacity mixer, although this is not normally recommended with these larger pilots.

For information on pilot accessories refer to Bulletin 4065 (ignition transformer), and Sheet 4085 (ignition cables).

Set number	capacity, Btu/hr 8 psi air 3.5"wc mixture pressure	PILOT SETS				Set weight
		Pilot Tip	Mixer	Air Valve	Gas Valve	
SPARK IGNITED						
Threaded						
4015-0-T	52 000	4025-0-T	3065-0-7	1122-0	1821-01	7 lb-10 oz
4015-2-T	123 000	4025-2-T	3065-2-12	1122-2	1821-1	12 lb
Slip-Fit						
4015-1	82 000	4025-1	3065-1-9	1122-1	1821-0	9 lb-10 oz
4015-2	123 000	4025-2	3065-2-12	1122-2	1821-1	12 lb
MANUALLY IGNITED						
Threaded						
4015-0-MT	52 000	4025-0-MT	3065-0-7	1122-0	1821-01	7 lb-10 oz
4015-2-MT	123 000	4025-2-MT	3065-2-12	1122-2	1821-1	12 lb
Slip-Fit						
4015-1-M	82 000	4025-1-M	3065-1-9	1122-1	1821-0	9 lb-10 oz
4015-2-M	123 000	4025-2-M	3065-2-12	1122-2	1821-1	12 lb