

HIGH MOMENTUM OIL BURNERS

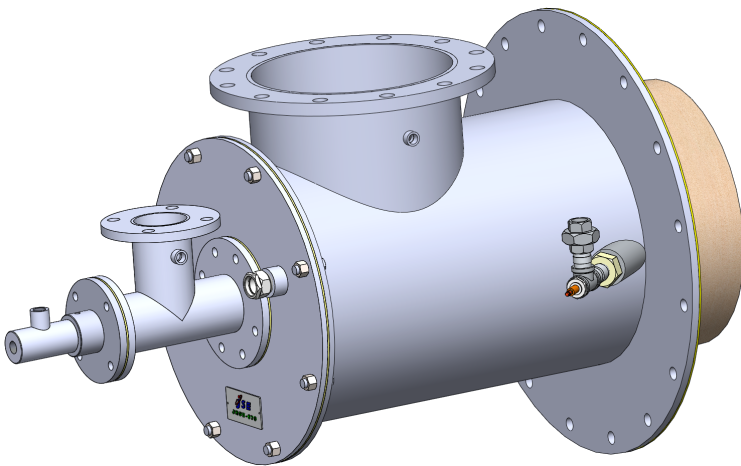
JHOB-100 **JHOB-200**
JHOB-300 **JHOB-400**
JHOB-500

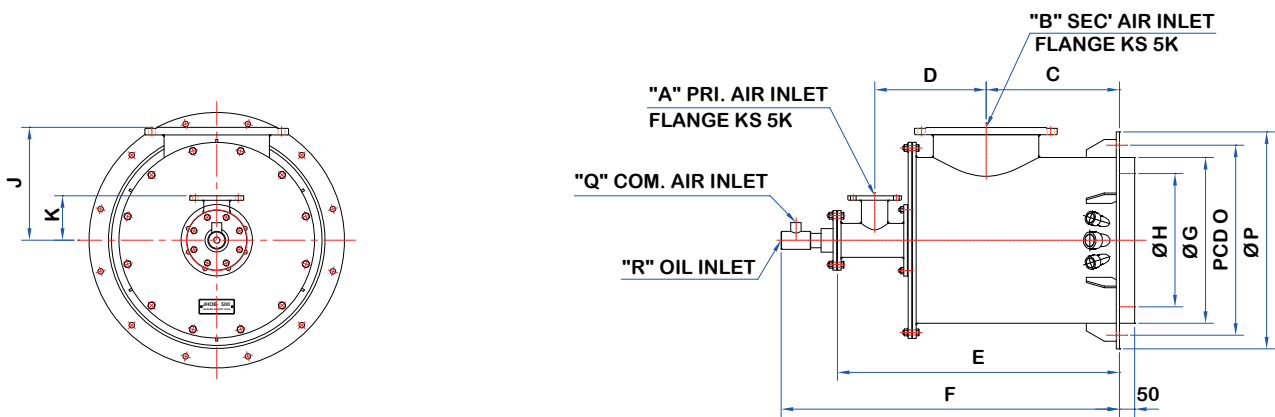
FEATURES

- Choice of a low velocity or medium velocity burner
- Long lifetime with Refractory (castable) on working temperature up to 1,200 °C .
- Available for Preheated Air operation up to 350 °C .
- For Kerosine, Diesel oil.
- Suitable for all kind of oil LHV over 4,000kcal/kg
- Fuel Capacity based on 42,000 ~ 5,300,000kcal/hr oil and 20% excess air.
- Available automatic gas Pilot burner or manual ignition.

APPLICATIONS

- Heat treatment.
- Heating up.
- Al-melting.
- Steel reheat furnace.
- Rotary dryer.





| DIMENSIONS |

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	K	N	O	P	Q	R
JHOB-100	65A	150A	320	300	750	890	406	250	300	150	32A	8	18	25A	510	560	15A	15A
JHOB-200	80A	200A	320	300	750	890	406	250	300	150	32A	8	18	25A	510	560	15A	15A
JHOB-300	80A	250A	350	325	815	955	457	350	320	150	32A	8	18	25A	540	600	20A	15A
JHOB-400	80A	300A	400	350	890	1030	508	400	350	150	32A	12	18	25A	590	660	20A	15A
JHOB-500	80A	350A	450	375	950	1080	559	450	380	150	32A	12	18	25A	660	710	25A	20A

| TECHNICAL DATA |

MODEL	Secondary Air		Primary Air		Atomizing Air		Total Air	Fuel Oil		Capacity	Flame	
	Pressure	Flow	Pressure	Flow	Pressure	Flow	Flow	Pressure	Flow	20% Excess Air	Length	Dia
	(mb)	(Sm ³ /hr)	(mb)	(Sm ³ /hr)	(bar)	(Sm ³ /hr)	(Sm ³ /hr)	(bar)	(liter/hr)	(x10 ³ kcal/hr)	(mm)	(mm)
JHOB-100	35	1,463	5	79	4	37	1,579	3	124.4	1,200	2,300	550
	20	1,087	5	79	4	28	1,194	3	94.0	907	2,000	400
	10	745	5	79	4	20	844	3	66.4	641	1,600	350
	2.5	334	5	79	4	10	423	3	33.3	321	1,100	300
JHOB-200	35	2,439	5	132	4	62	2,633	3	207.3	2,000	2,800	600
	20	1,797	5	132	4	62	1,991	3	156.7	1,512	2,400	450
	10	1,214	5	132	4	62	1,408	3	110.8	1,069	2,100	450
	2.5	510	5	132	4	62	704	3	55.4	535	1,300	450
JHOB-300	35	4,025	5	217	4	103	4,345	3	342	3,300	3,400	750
	20	2,964	5	217	4	103	3,284	3	258.5	2,495	2,800	600
	10	2,002	5	217	4	103	2,322	3	182.8	1,764	2,400	600
	2.5	842	5	217	4	103	1,162	3	91.4	882	1,900	500
JHOB-400	35	5,122	5	277	4	131	5,530	3	435.2	4,200	3,800	850
	20	3,773	5	277	4	131	4,181	3	329	3,175	3,600	800
	10	2,548	5	277	4	131	2,956	3	232.6	2,245	3,100	720
	2.5	1,071	5	277	4	131	1,479	3	116.4	1,123	2,100	610
JHOB-500	35	6,464	5	349	4	165	6,978	3	549.2	5,300	4,200	950
	20	4,761	5	349	4	165	5,275	3	415.1	4,006	3,800	800
	10	3,216	5	349	4	165	3,730	3	293.6	2,833	3,300	700
	2.5	1,351	5	349	4	165	1,865	3	146.7	1,416	2,100	700

The descriptions and specifications are subject to change without notice.