

Gas-oil burners



CRONO 2-L, 3-L, 5-L, 10-L, 15-L and 20-L (1 stage), CRONO 10-L2, 15-L2, 20-L2 and 25-L2 (2 stages)

Burners suitable for gas-oil firing with maximum viscosity of 6 cSt at 20°C.

Main features

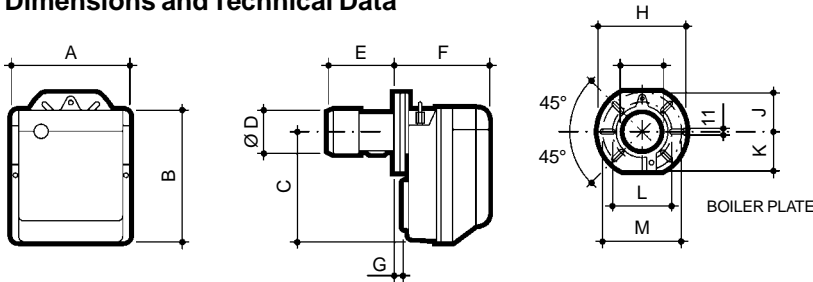
- Suitable to operate with pressurized and negative pressure combustion chambers.
- High-pressure mechanical spraying system with high-efficiency combustion.
- Fully automatic operation via an electronic control box which also includes an ignition transformer and a photocell.
- Flame safeguard photocell system.
- Automatic combustion-chamber pre-purge prior to lighting.
- Newly designed turbine and motor, yielding a higher performance and reliability.
- One-power and two-power models.
- Air control located outside the casing.
- Models 2-L, 3-L and 5-L feature a variable heater element and a thermostat set at 55°C.
- Easy removal of the burner head through the rear side for maintenance operations, with no need to disassemble the unit.
- Quiet operation thanks to its special design and casing insulation.
- Fail-safe, single-position wiring.
- All the components are easily accessible because they are fitted through the front side.
- Electrical connector fitted on the casing.
- Solenoid valve fitted on the oil pump.

Delivery presentation

Together with the burner and in the same package there are the items listed below:

- 2 flexible pipes with adaptor.
- Nozzle.
- Flange and gasket.
- Nuts and bolts for gasket.
- 2 fixing bolts & nuts (2-L, 3-L, 5-L and 10-L).
- 4 fixing bolts & nuts (15-L and 20-L).
- 4-pole connector (10-L2, 15-L2 and 20-L2).

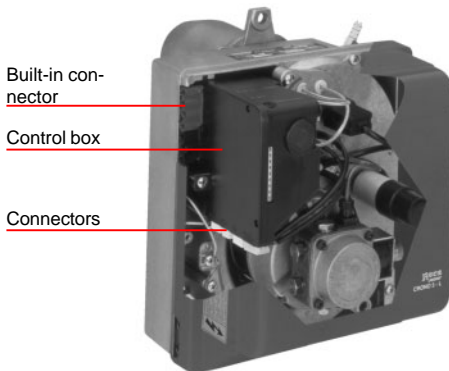
Dimensions and Technical Data



Models	Fuel flow mín ÷ máx. (Kg/h)	Current A	Motor r.p.m.	Power W	Singlephase power V	Approx. weight kg.	Dimensions mm.												
							A	B	C	D	E	F	G	H	I	J	K	L	M
CRONO 2-L	1,2 ÷ 2,3	0,86	2.750	180	10	10	234	254	210	90	105	211	17	180	91	72	75	130	150
CRONO 3-L	1,8 ÷ 3,2	0,85	2.750	180	10	10	234	254	210	90	105	211	17	180	91	72	75	130	150
CRONO 5-L	1,3 ÷ 5	0,85	2.750	180	12	12	234	254	210	84	111	196	4	180	91	72	75	130	150
CRONO 10-L/10-L2	3,6/4 ÷ 10	0,9	2.720	180	230 ^{+10%} -15%	12	255	280	235	95	114	202	10	189	106	83	83	140	165
CRONO 15-L/15-L2	5,5/7 ÷ 15 (1)	1,9	2.750	385	15	15	300	345	285	123	142	228	12	213	127	99	99	160	190
CRONO 20-L/20-L2	9/11 ÷ 20 (1)	2,0	2.730	390	17	17	300	345	285	123	142	228	12	213	127	99	99	160	190
CRONO 25-L2	8/12 ÷ 25	2,0	2.730	470	19	19	300	345	285	125	159	247	12,5	213	127	99	99	160	190

(*) = The power figures for the one-stage models are 4 (10-L and 15-L) and 7 (20-L) Kg/h respectively

Main components



Flow pressure curves

