

# VAL Infra-red radiant oil fired

FUEL TYPE



IFT 42

VAL 6 EPX

VAL 6 1-STEP

VAL 6 KB

VAL MIDI

VAL DAYSTAR

IFT 21



VAL with fuel level indicator. (Not on VAL 6 KB.)



Vertical inclining with locking mechanism.



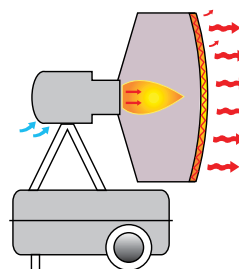
Folding push bar VAL MIDI.

## WORKING PRINCIPLE

- Odourless without air flow.
- Fixed radiation temperature circa 150 °C at 70 cm (20 °C at 3 m).
- Spot heating (and limited space heating).

## FEATURES

- High pressure burner with 15 sec. prepurge control system and 180 sec. postpurge.
- Photocell flame control.
- Combustion chamber of fibre ceramic.
- Thermostat operation is possible.
- 230 V/50 Hz connection.
- Room ventilation is required.
- Mobile framework. (DAYSTAR and IFT 21 portable).
- VAL EPX with oversized tank for 20 burning hours (low) and 15 burning hours (high). IFT42 18 burning hours, VAL 1-step 10 burning hours, VAL 6 KB 16 burning hours.
- VAL EPX equipped with overvoltage detector, integrated thermostat and larger radiation disc for 20% further en wider radiation.
- VAL 6 1-STEP may be inclined both vertically as well as horizontally.
- VAL 6 KB with oversized tank for 16 burning hours.
- Oil preheating set VAL 6 (optional).
- 45° Vertical inclination infra-red heat screen.
- Odourless, personal (and limited space) heating, no air movement.





## APPLICATIONS

- Building industry** • Spot heating on work sites.
- Industry** • Spot heating in workshops, transit sheds and warehouses.
- Warming up and defrosting machines.
- Agriculture** • Spot heating in large sheds.
- Horticulture** • Spot heating in work areas.

## TECHNICAL SPECIFICATIONS | DIMENSIONS AND WEIGHTS

1 kW = 860 kcal/h 1 kW = 3,413 Btu/h 1 kW = 3.6 MJ/h 1 kg = 1.2

MODEL	Heat output (Btu/hr)		Heat output (kW)		Fuel consumption oil max. (l/hr)		Tank capacity (l)		Power consumption 230 V (AMPS)		ITEM NUMBER			
	VAL 6 1-STEP	VAL 6 EPX	VAL 6 KB	VAL MIDI	VAL DAYSTAR	IFT 42	IFT 21	VAL 6 1-STEP*	VAL 6 EPX	VAL 6 KB		VAL MIDI	VAL DAYSTAR	IFT 42
VAL 6 1-STEP	136,500	40	3.7	40	0.25	40.106.200								
VAL 6 EPX	136,500	40	3.7	58	0.25	40.106.400								
VAL 6 KB	136,500	40	3.7	60	0.25	40.106.100								
VAL MIDI	112,600	33	3.1	35	0.25	40.106.050								
VAL DAYSTAR	51,000	15	1.4	10	0.50	40.106.030								
IFT 42	143,000	42	4.0	60	0.60	40.106.500								
IFT 21	71,600	21	1.5	15	0.60	40.106.021								

MODEL	Dimensions heater only (cm)						KG	Dimensions including packing (cm)			
	A	B	C	D	E	F		L	B	H	KG
VAL 6 1-STEP*	120	62	93	-	-	-	53	71	65	72	63
								42*	42*	32*	63
VAL 6 EPX	124	65	97	-	-	-	50	71	95	102	59
VAL 6 KB	91	69	91	-	-	-	57	70	66	93	61
VAL MIDI	71	66	81	-	-	-	38	96	67	93	43
VAL DAYSTAR	58	31	59	-	-	-	17	64	35	67	20
IFT 42	120	76	113	-	-	-	62	71	65	72	81
IFT 21	53	36	56	-	-	-	15	53	37	56	17

\* VAL 6 1-STEP components are packed in 3 boxes.

