

Automatic operation  
complete with dry  
running protection

# Tecnopres

## Applications

To supply water at pressure in domestic applications.

## Materials

### Pump Body

Stainless steel. AISI 304.

### Impeller

Stainless steel. AISI 304.

### Diffusers

Glass loaded Noryl.

### Motor Shaft

Stainless steel. AISI 420.

### Mechanical Seal

Graphite and alumine.



## Motor

Class F insulation.

IP 44 Protection.

Continuous operation.

Single phase with built-in thermal protection.

## Limitations

Tecnopres 25 cut in pressure 2.3 bar

Tecnopres 15 4 cut in pressure 1.8 bar.

Tecnopres 15 5 cut in pressure 2.3 bar.

Maximum temperature of liquid: 35°C.

**+** *Dry running protection*

**+** *Automatic operation*

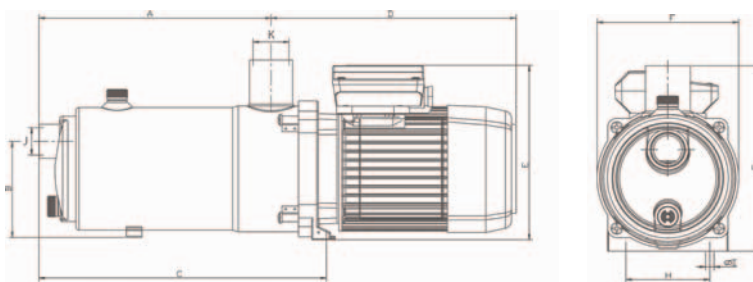
**+** *Quiet running*



## Equipment

Complete with kit pres.

Complete with 2 meters of H07 RNF cable.



**+** *Self priming device  
maximum 9m lift*



**+** *Stainless steel  
impellers*



MODEL	DIMENSIONS AND WEIGHTS											
	A	B	C	D	E	F	G	H	I	J	K	KG
Tecnopres 15 4	220.7	107.5	281.5	181.5	232.5	196.3	148.5	88	9	1"	1 1/4"	9.5
Tecnopres 15 5	244	107.5	304.6	181.5	232.5	196.3	148.5	88	9	1"	1 1/4"	11

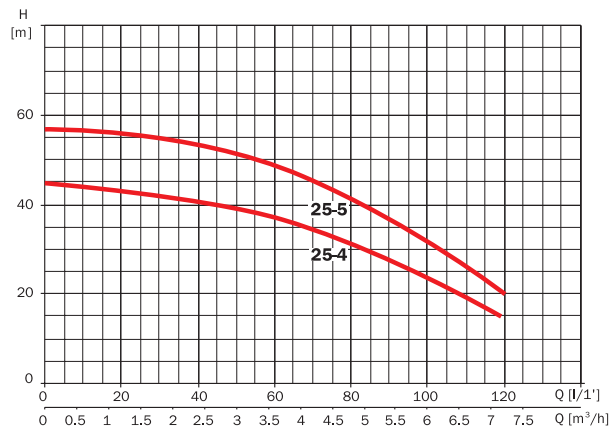
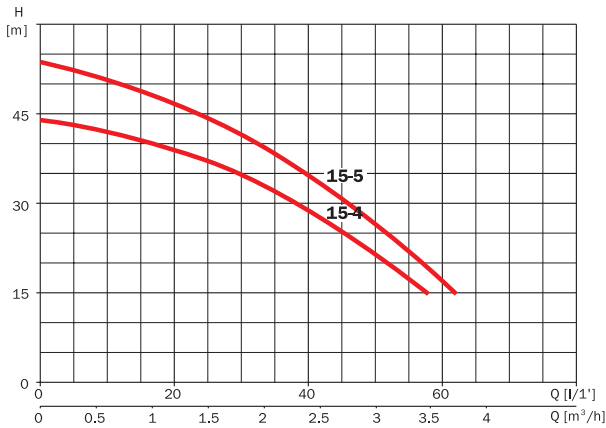
MODEL	DIMENSIONS AND WEIGHTS											
	A	B	C	D	E	F	G	H	I	J	K	KG
Tecnopres 25 4	236.6	107.5	298.1	267	190.5	148.5	196.3	88	9	1"	1 1/4"	9.5
Tecnopres 25 5	263.2	107.53	324.7	288.5	190.5	148.5	196.3	88	9	1"	1 1/4"	11

MODEL	A		P1 (kW)		kW	HP	µF
	1~ 230 V		1~				
Tecnopres 15 4	3.5		0.8		0.5	0.75	12
Tecnopres 15 5	4.1		1.0		0.66	0.9	12

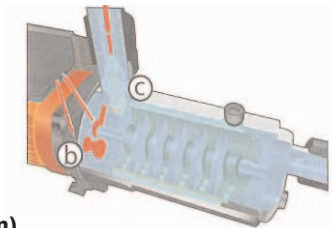
MODEL	A		P1 (kW)		kW	HP	µF
	1~ 230 V		1~				
Tecnopres 25 4	6.8		1.5		0.92	1.25	16
Tecnopres 25 5	7.4		1.8		1.1	1.5	25

# Tecnopres

Automatic operation complete with dry running protection



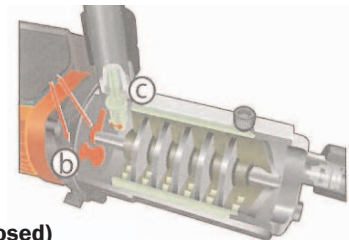
## Functions



### Water Demand (tap open)

When a tap opens or there is a demand for water, the discharge pipework (a) has a drop in pressure and a signal is sent to control the pump via point (b)

The Tecnopres starts and the check valve confirms the ON mode (c)



### No demand (tap closed)

When the tap closes, or demand stops the pressure in the system rises (a) The electronic device senses this (b) and the pump stops (c)

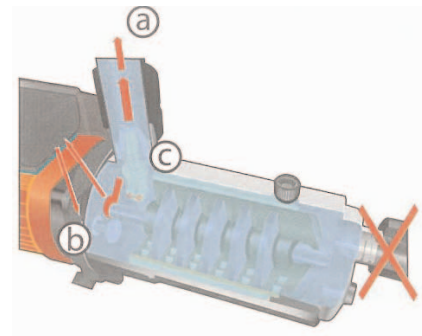
When the tap opens again the cycle starts over.

## Dry running protection

Tap opens, or there is a demand for water. The Tecnopres discharge empties (a) and the pressure drops inside the Tecnopres sending an electronic signal via (b) The Tecnopres starts but due to no flow, the check valve does not move (c) and the pump start is not confirmed preventing the pump from running dry.

We recommend a pressure vessel with a minimum capacity of 18 ltrs is installed with each pump for larger systems, to avoid the number of stop/starts.

Please see page 126 for vessel prices.



Single phase	Price	Three phase	Price	1/1'	10	20	30	35	40	45	50	60
				m³/h	0.6	1.2	1.8	2.1	2.4	2.7	3	3.6
Tecnopres 15.4M	335	N/A		H	42	39	35	32	28	25	21	-
Tecnopres 15.5M	351	N/A		[m]	51	47	41.5	38	34	30	26	17

Single phase	Price	Three phase	Price	1/1'	15	30	45	60	75	90	105	120
				m³/h	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2
Tecnopres 25.4M	390	N/A		H	44	42	40	37	33	28	22	15
Tecnopres 25.5M	439	N/A		[m]	56	55	53	49	43	37	29	20