



TECHNICAL DATASHEET

JRV Electric Pumps

JRV electric pumps with vortex impeller for wastewater.



JRV Electric Pumps with vortex impeller are ideal for wastewater with suspended solids. Durable and easy to maintain, they offer high performance and protection in demanding environments.

APPLICATIONS

- Pumping of wastewater with suspended solids up to 38mm.
- Drainage of rainwater and industrial effluents.
- Sewage systems and dirty water drainage.
- Applications in civil construction and sanitation.
- Fountains and other applications for pumping liquids with solids.

TECHNICAL DATA

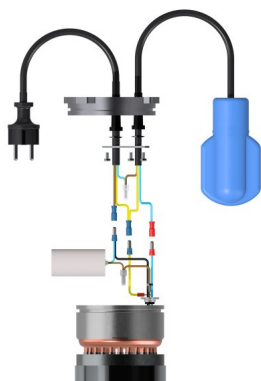
TECHNICAL SPECIFICATIONS

Impeller	Vortex for wastewater with suspended solids up to 38mm
Pump shaft and screws	Stainless Steel AISI 304 (1.4301)
Motor jacket	Stainless Steel AISI 304 (1.4301)
Pump body and impeller	Cast iron
Max Temperature	40°C
Maximum immersion depth	10m
Electric cable	H07 RN-F (10m)
Protection	IP 68
Insulation	Class F
Discharge	2"

MOTOR CHARACTERISTICS

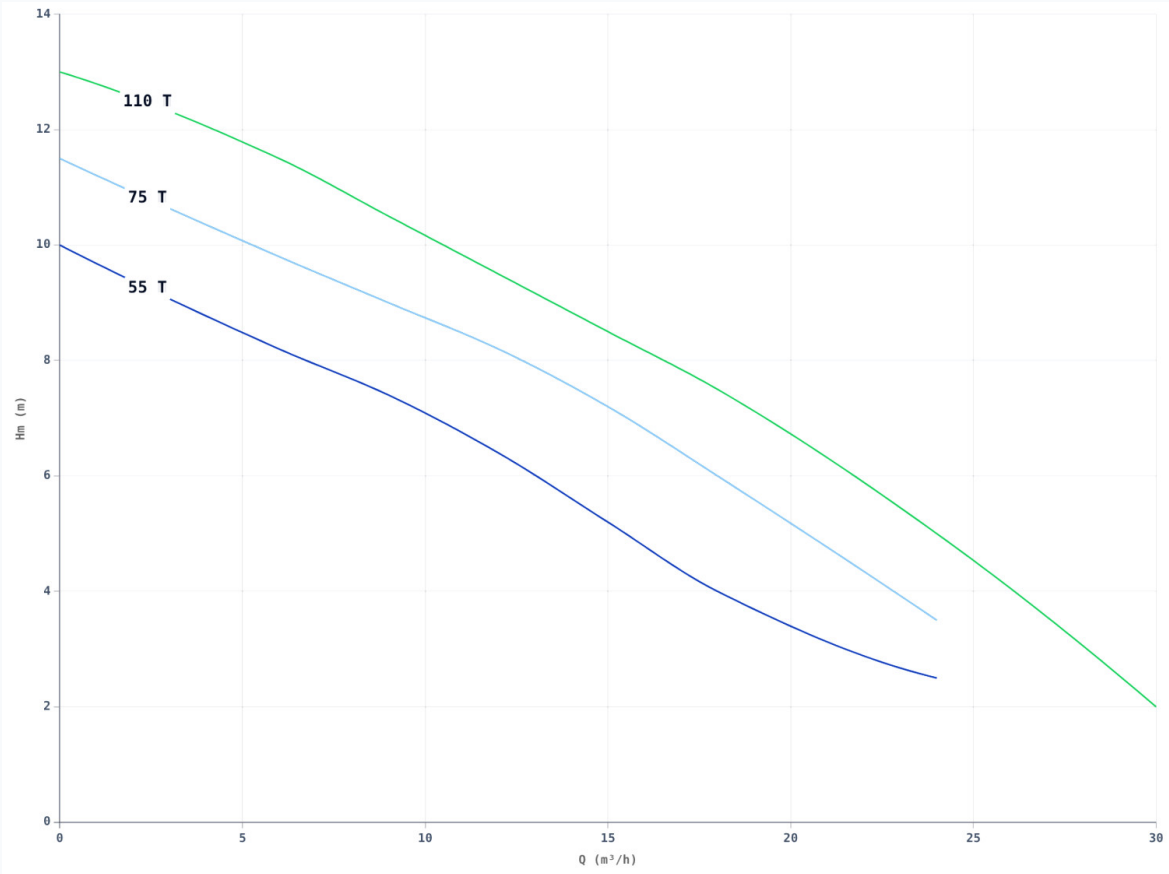
Three-phase versions Float switch option.

DIMENSIONS



Model	Voltage	kW	HP	μF	Weight (kg)	DN
JRV 55 M	230V	0,6	0,8	20,0	22,0	2"
JRV 55 T	400V	0,6	0,8	-	21,0	2"
JRV 75 M	230V	0,8	1,0	30,0	23,0	2"
JRV 75 T	400V	0,8	1,0	-	22,0	2"
JRV 110 M	230V	1,1	1,5	40,0	24,0	2"
JRV 110 T	400V	1,1	1,5	-	23,0	2"

PERFORMANCE CURVE (Q - HM)



Curvas de caudal (Q) vs. altura manométrica (Hm)

Model	kW	HP	Amperage	m³/h	0	6	9	12	15	18	24	30
				Hm (m)								
JRV 55 M	0,55	0,75	3,60		10,0	8,2	7,4	6,4	5,2	4,0	2,5	
JRV 55 T	0,55	0,75	1,70		10,0	8,2	7,4	6,4	5,2	4,0	2,5	
JRV 75 M	0,75	1,00	5,90		11,5	9,8	9,0	8,2	7,2	6,0	3,5	
JRV 75 T	0,75	1,00	2,20		11,5	9,8	9,0	8,2	7,2	6,0	3,5	
JRV 110 M	1,10	1,50	7,50		13,0	11,5	10,5	9,5	8,5	7,5	5,0	2,0
JRV 110 T	1,10	1,50	3,20		13,0	11,5	10,5	9,5	8,5	7,5	5,0	2,0