

Pacchi

Electric Submersible Pump R95 Series

Electrical submersible multistage pumps R95 series are for raising clean water from wells, primary water supplying tanks and reservoirs.

R95-S, R95-A, R95-VC and R95-BF series are in radial floating impellers.

R95-DF, R95-MA and R95-DG series are in semi-axial impellers.

Applications

- ♦ Lifting clean and clear water in wells
- ♦ Domestic, civil and industrial applications.
- ♦ Water supply
- ♦ Irrigation
- ♦ Washdown systems
- ♦ Pressure boosting

Operationg Conditions

- ♦ Water temperature: from 1°C to 35°C
- ♦ Maximum permissible quantity of suspended sand: 100 g/cm³
- ♦ Maximum submerged depth: 150m
- ♦ Maximum starts per hour: 30 at regular intervals
- ♦ Continuous or intermittent duty

Power Range

From 0.37 kW to 7.5 kw, 50Hz



Electrical submersibles are with radial or semi-axial impellers. The impellers and the diffusers are in plastic material (noryl), whereas the bearings are in ceramic/rubber lubricated by the water circulation. Check valve is incorporated in the delivery body with threaded outlet. The coupling pump-motor is according to NEMA regulations.

4"



m ³ /24h	NO.	Type	Motor		Single-Phase	Three-Phase	Capacity			Outlet	Well Diameter
			HP	kW	A	A	m ³ /h				
40 m ³	1	R95-S-08	0.5	0.37	3.6	1.8	0.6m ³ / 67m	1.2m ³ / 59m	1.8m ³ / 46m	30mm 1" 1/4G	100 mm
	2	R95-S-12	0.75	0.55	4.8	2	0.6m ³ / 98m	1.2m ³ / 86m	1.8m ³ / 68m		
	3	R95-S-14	1	0.75	6.3	2.5	0.6m ³ / 114m	1.2m ³ / 101m	1.8m ³ / 80m		
	4	R95-S-16	1.5	1.1	8.6	3.4	0.6m ³ / 131m	1.2m ³ / 115m	1.8m ³ / 90m		
	5	R95-S-22	2	1.5	10	4.4	0.6m ³ / 180m	1.2m ³ / 158m	1.8m ³ / 124m		
	6	R95-S-28	3	2.2	14	6.2	0.6m ³ / 229m	1.2m ³ / 203m	1.8m ³ / 158m		
60 m ³	7	R95-A-06	0.5	0.37	3.6	1.8	1.5m ³ / 43m	2m ³ / 40m	3m ³ / 30m	40mm 1" 1/2G	100 mm
	8	R95-A-08	0.75	0.55	4.8	2	1.5m ³ / 60m	2m ³ / 56m	3m ³ / 42m		
	9	R95-A-12	1	0.75	6.3	2.5	1.5m ³ / 89m	2m ³ / 83m	3m ³ / 62m		
	10	R95-A-16	1.5	1.1	8.6	3.4	1.5m ³ / 116m	2m ³ / 109m	3m ³ / 81m		
	11	R95-A-20	2	1.5	10	4.4	1.5m ³ / 146m	2m ³ / 137m	3m ³ / 102m		
	12	R95-A-30	3	2.2	14	6.2	1.5m ³ / 214m	2m ³ / 200m	3m ³ / 142m		
	13	R95-A-40	4	3	-	8.3	1.5m ³ / 281m	2m ³ / 254m	3m ³ / 180m		
	14	R95-A-50	5.5	4	-	10.3	1.5m ³ / 330m	2m ³ / 310m	3m ³ / 235m		
	15	R95-VC-06	0.75	0.55	4.8	2	3m ³ / 35m	4m ³ / 30m	5m ³ / 22m		
	16	R95-VC-09	1	0.75	6.3	2.5	3m ³ / 46m	4m ³ / 39m	5m ³ / 27m		
	17	R95-VC-12	1.5	1.1	8.6	3.4	3m ³ / 69m	4m ³ / 60m	5m ³ / 43m		
	18	R95-VC-16	2	1.5	10	4.4	3m ³ / 90m	4m ³ / 80m	5m ³ / 58m		
	19	R95-VC-20	3	2.2	14	6.2	3m ³ / 115m	4m ³ / 100m	5m ³ / 70m		
	20	R95-VC-24	4	3	-	8.3	3m ³ / 138m	4m ³ / 120m	5m ³ / 86m		
	21	R95-VC-30	4	3	-	8.3	3m ³ / 165m	4m ³ / 140m	5m ³ / 102m		
	22	R95-VC-40	5.5	4	-	10.3	3m ³ / 210m	4m ³ / 180m	5m ³ / 129m		
100 m ³	23	R95-VC-55	7.5	5.5	-	14	3m ³ / 287m	4m ³ / 255m	5m ³ / 180m	50mm 2" G	100 mm
	24	R95-VC-75	10	7.5	-	18.5	3m ³ / 375m	4m ³ / 340m	5m ³ / 245m		
	25	R95-BF-06	1	0.75	4.8	2.5	4m ³ / 36m	6m ³ / 28m	7m ³ / 20m		
	26	R95-BF-09	1.5	1.1	8.6	3.4	4m ³ / 53m	6m ³ / 40m	7m ³ / 30m		
	27	R95-BF-11	2	1.5	10	4.4	4m ³ / 65m	6m ³ / 47m	7m ³ / 33m		
	28	R95-BF-13	2	1.5	10	4.4	4m ³ / 78m	6m ³ / 59m	7m ³ / 40m		
	29	R95-BF-18	3	2.2	14	6.2	4m ³ / 108m	6m ³ / 83m	7m ³ / 57m		
	30	R95-BF-23	4	3	-	8.3	4m ³ / 152m	6m ³ / 110m	7m ³ / 85m		
	31	R95-BF-32	5.5	4	-	10.3	4m ³ / 190m	6m ³ / 144m	7m ³ / 103m		
	32	R95-BF-40	7.5	5.5	-	13.7	4m ³ / 235m	6m ³ / 176m	7m ³ / 127m		
	33	R95-BF-56	10	7.5	-	18.5	4m ³ / 309m	6m ³ / 213m	7m ³ / 148m		
200 m ³	34	R95-DF-08	2	1.5	10	4.4	6m ³ / 44m	8m ³ / 35m	10m ³ / 24m	50mm 2" G	100 mm
	35	R95-DF-13	3	2.2	14	6.2	6m ³ / 75m	8m ³ / 61m	10m ³ / 43m		
	36	R95-DF-17	4	3	-	8.3	6m ³ / 100m	8m ³ / 84m	10m ³ / 59m		
	37	R95-DF-20	4	3	-	8.6	6m ³ / 118m	8m ³ / 96m	10m ³ / 68m		
	38	R95-DF-24	5.5	4	-	10.3	6m ³ / 141m	8m ³ / 118m	10m ³ / 86m		
	39	R95-DF-30	7.5	5.5	-	13.7	6m ³ / 169m	8m ³ / 143m	10m ³ / 98m		
	40	R95-DF-35	10	7.5	-	18.5	6m ³ / 205m	8m ³ / 171m	10m ³ / 118m		
	41	R95-MA-07	2	1.5	10	4.4	8m ³ / 29m	10m ³ / 26m	14m ³ / 20m		
	42	R95-MA-10	3	2.2	14	6.2	8m ³ / 44m	10m ³ / 39m	14m ³ / 29m		
	43	R95-MA-13	4	3	-	8.3	8m ³ / 61m	10m ³ / 56m	14m ³ / 43m		
300 m ³	44	R95-MA-17	5.5	4	-	10.3	8m ³ / 82m	10m ³ / 75m	14m ³ / 59m	50mm 2" G	100 mm
	45	R95-MA-22	7.5	5.5	-	13.7	8m ³ / 109m	10m ³ / 100m	14m ³ / 79m		
	46	R95-MA-28	10	7.5	-	18.5	8m ³ / 142m	10m ³ / 130m	14m ³ / 102m		
	47	R95-DG-07	3	2.2	14	6.2	12m ³ / 31m	16m ³ / 25m	20m ³ / 19m		
	48	R95-DG-10	4	3	-	8.3	12m ³ / 44m	16m ³ / 36m	20m ³ / 28m		
	49	R95-DG-14	5.5	4	-	10.3	12m ³ / 62m	16m ³ / 50m	20m ³ / 36m		
	50	R95-DG-18	7.5	5.5	-	13.7	12m ³ / 79m	16m ³ / 63m	20m ³ / 59m		
	51	R95-DG-21	10	7.5	-	18.5	12m ³ / 93m	16m ³ / 75m	20m ³ / 68m		
400 m ³	52	R95-DG-24	10	7.5	-	18.5	12m ³ / 114m	16m ³ / 94m	20m ³ / 83m		