



## Vapanet Control System

LR and LRP incorporate the highest technology software and hardware, so that first class performance is ensured regardless of system demands or water quality. This technology allows the LR and LRP to be fed not only with demineralized water, but also with softened or normal tap water. The VapaNet controls the mineral concentration of the water and always keeps it under close control

## Room Distribution Unit

This is available for both LR and LRP models up to 30 Kg/hr and would be ideal for applications where AHU/ducts are unavailable. They can be supplied either fixed to the humidifier or loose for remote mounting directly into the room.

## Low Maintenance

The robust stainless steel cylinder construction means that you can continue using the same cylinder for thousands of hours of operation. In addition, the use of demineralized water not only offers almost 'maintenance-free' cylinders, but also maintains steam production, since the only disturbances come in the form of cold-water feeds.

## VRO6000 Reverse Osmosis Unit

Using demineralized water could produce nominally two-year operation without the need for anything more than a visual inspection, representing a much cheaper, long-term option as maintenance costs are comparatively low.

## Features

- **7 Capacity**

7-60 kg/steam generation

Close control and Comfort control Versions On/Off Control (LR-D)

Water Level Control 20-100% (LR-D) Pulsed Energy Control 8-100% (LRP-D)

- **Various Water Types**

The unit can operate with demineralized, demineralised softened and potable raw mains water.

User Display

- **Control Network**
- **Run and Alarm Interface**
- **Master/Slave Option**

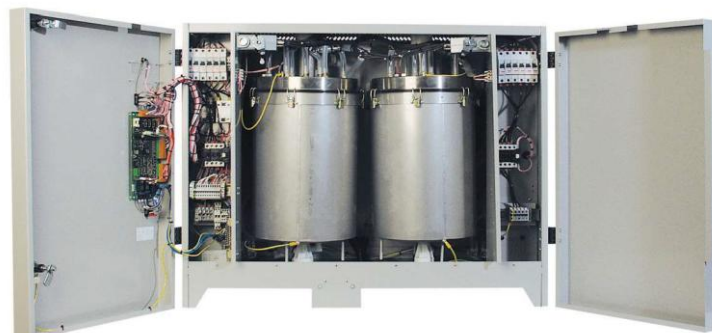
VapaNet allows for a maximum of 10 cylinders to communicate within a Master/Slave system with an interconnecting two-core cable

- **Stainless Steel Cylinder**

The stainless-steel cylinder incorporates a removable plastic liner, which makes it easy to clean and maintain.

- **Stainless Steel Drain Tray**
- **Drain Pump**
- **Control Feature**

The humidifier can be controlled directly from either a duct or room mounted sensor, supplied by Vapac or any other leading brand, or an external signal



Water supply	
Conductivity	0 -1000 µS
PH	7.3 - 8.0
Silica	0
Water pressure	0.3 - 8 Bar
Hardness	50 - 500ppm

Operating limits	
Ambient temperature	5 - 35 °C
Water temperature	1 to 30°C
Duct pressure	+2000 - -600

Water and drainage connections	
Water connection	3/4" BSP
Drain outlet	35 mm OD

**Capacities, Electrical Information, Dimensions and Weights**

On/off proportional models		LR05D	LR10D	LR20D	LR30D	LR40D'	LR50D"	LR60D"
Code		<b>40112711</b>	<b>40112712</b>	<b>40112713</b>	<b>40112714</b>	<b>40112715</b>	<b>40112716</b>	<b>40112717</b>
		LR05PD	LR10PD	LR20PD	LR30PD	LR40PD'	LRSOPD'	LR60PD'
Code		<b>40112721</b>	<b>40112722</b>	<b>40112723</b>	<b>40112724</b>	<b>40112725</b>	<b>40112726</b>	<b>40112727</b>
Capacity	kg/hour	5	10	20	30	40	50	60
Voltage	V	200-250	200-440	200-440	200-440	200-440	200-440	200-440
Electrical supply	phase	1+N	1+N or 3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Max. Electric Power	Kw	2.9/4.56	5.7/9.26	11.48/18.52	17.51/28.26	2 x 11.48 2 x 18.52	1x17.51/1x11.48 1x28.26/1x18.52	2 x 17.51 2 x 28.26
Full load current (For each phase)	A	14.6/18.2	28.7/12.2	33.1/24.3	50.6/37.1	2 x 33.1 2 x 24.3	1x50.6/1x33.1 1x40 / 1x32	2 x 50.6 2 x 37.1
Maximum fuse value (for each phase)	A	20 20	32 20	40 32	63 40	2 x 40 2 x 32	1 x 63 / 1 x 40 1 x 40 / 1 x 32	2 x 63 2 x 40
Number of cylinders						2	2	2
Steam outlet diameter	Mm	35	35	54	54	54	54	54
Altitude	Mm	810	810	810	810	810	810	810
Width	Mm	520	520	520	520	990	990	990
Depth	Mm	415	415	415	415	415	415	415
Weight (Dry)	Kg	34	35.5	39	40	72.5	73.5	74.5
Weight (Juicy)	Kg	48	49.5	65.5	66.5	125.5	126.5	127.5

For models with capacities of 40, 50 and 60 kg, use 2 power connections.  
Refer to the assembly and operation manual for more electrical information.

RDU Dimensions		RDU05 LR	RDU10 LR	RDU20 LR	RDU30 LR
Code		<b>40111805</b>	<b>40111810</b>	<b>40111820</b>	<b>40111830</b>
Height	Mm	205	205	205	205
Width	Mm	377	377	435	602
Depth	Mm	360	360	360	360
Weight	Kg	6	10	12	14