

# TECHNICAL DATA SHEET

**VALSIR® FLUSHING SYSTEMS**

# ARIAPUR100LED



***valsir***®  
QUALITY FOR PLUMBING

# ARIAPUR100LED

## Characteristics of ARIAPUR100Led

### Technical data

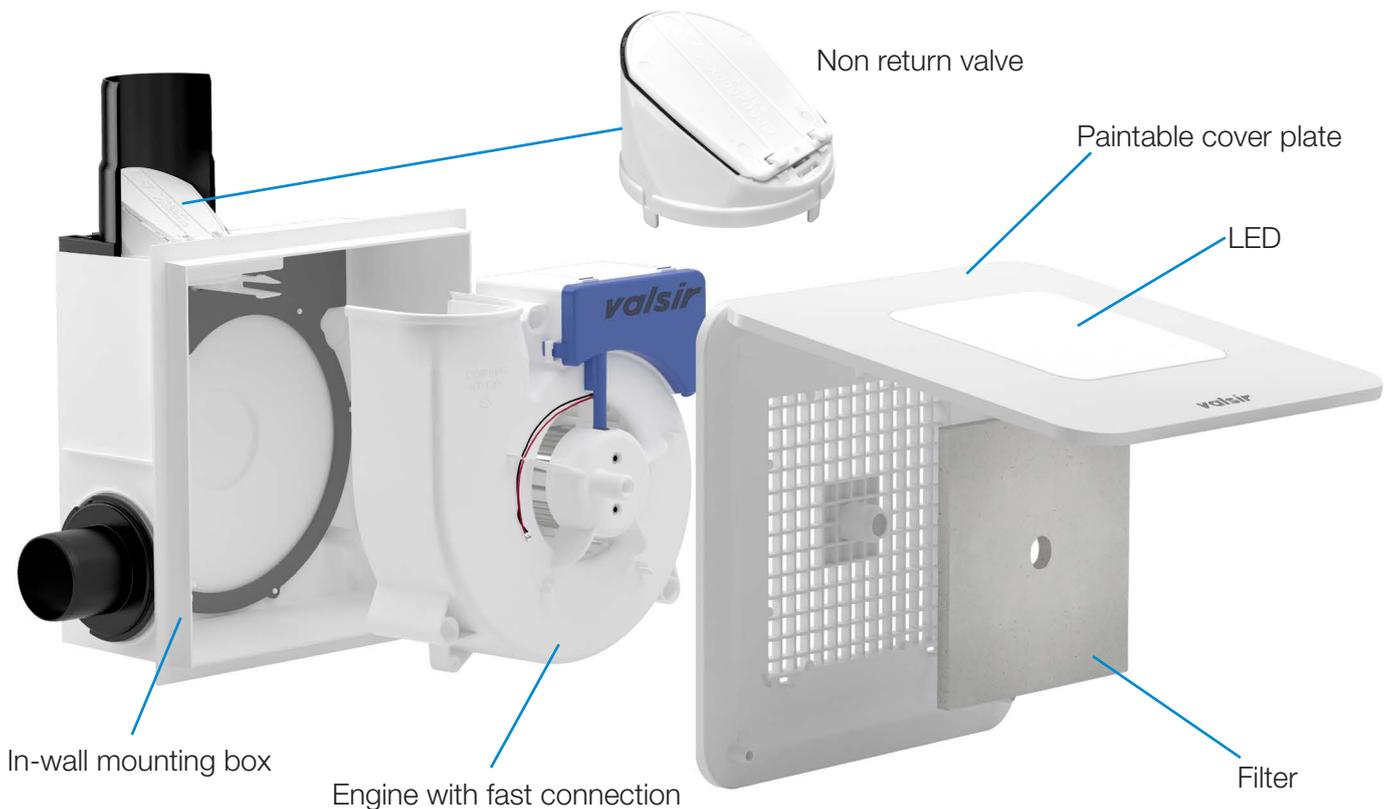
	Min. speed	Max. speed
Potential difference	220 V	
Frequency	50 Hz	
Power supply	12 W	20 W
Waterproof rating	IP x 5	
Lamp power	12 W	
Inlet diameter	50 mm	
Outlet diameter	75 mm / 80 mm	

### Performance data

Noise level at 3 m. distance	34 dB(A)	38 dB(A)
Air flow rate	85 m <sup>3</sup> /h	100 m <sup>3</sup> /h
Max negative pressure	149 Pa	175 Pa

### Compatibility

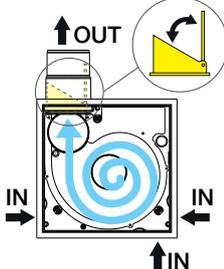
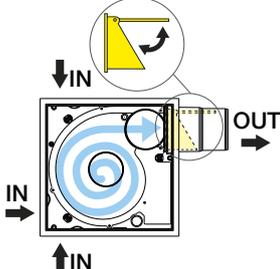
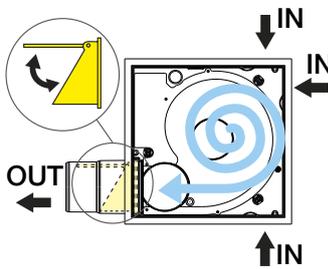
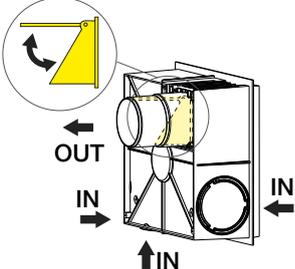
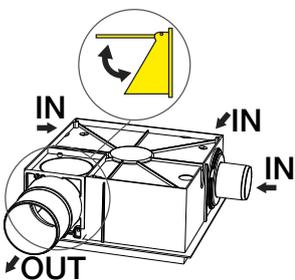
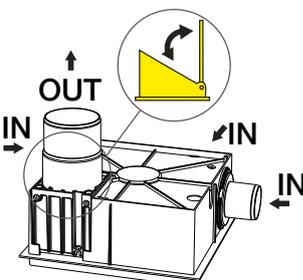
In-wall Valsir cisterns	Tropea S, Winner S
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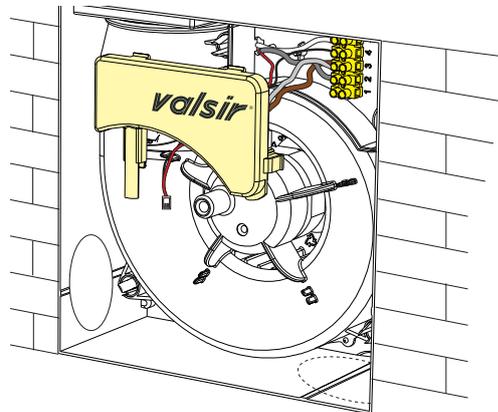
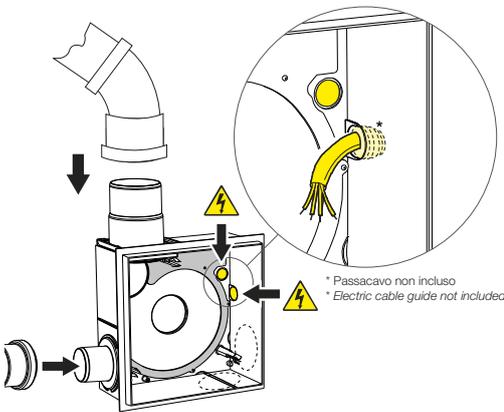


# ASSEMBLY:

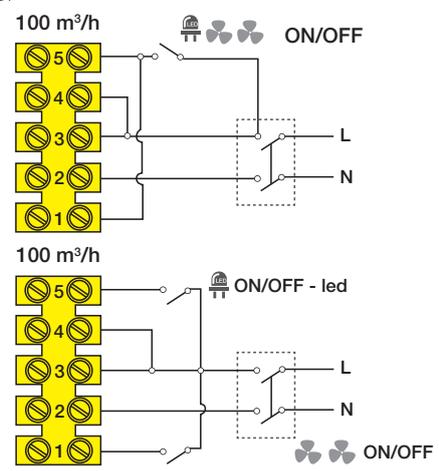
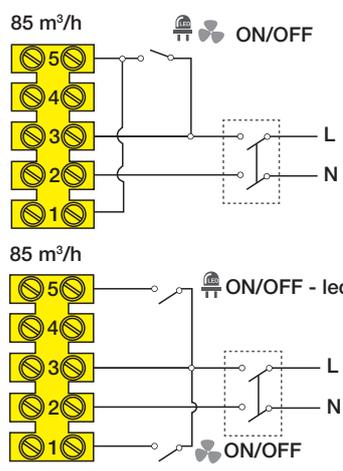
## Positioning of the non-return valve.

<p>Discharge upwards or ceiling installation.</p>	<p>Discharge direction to the right.</p>	<p>Discharge direction to the left.</p>	<p>Discharge direction to the back.</p>
			
<p>Lateral connection for false ceiling installation</p>	<p>Upward connection for false ceiling installation</p>		
			

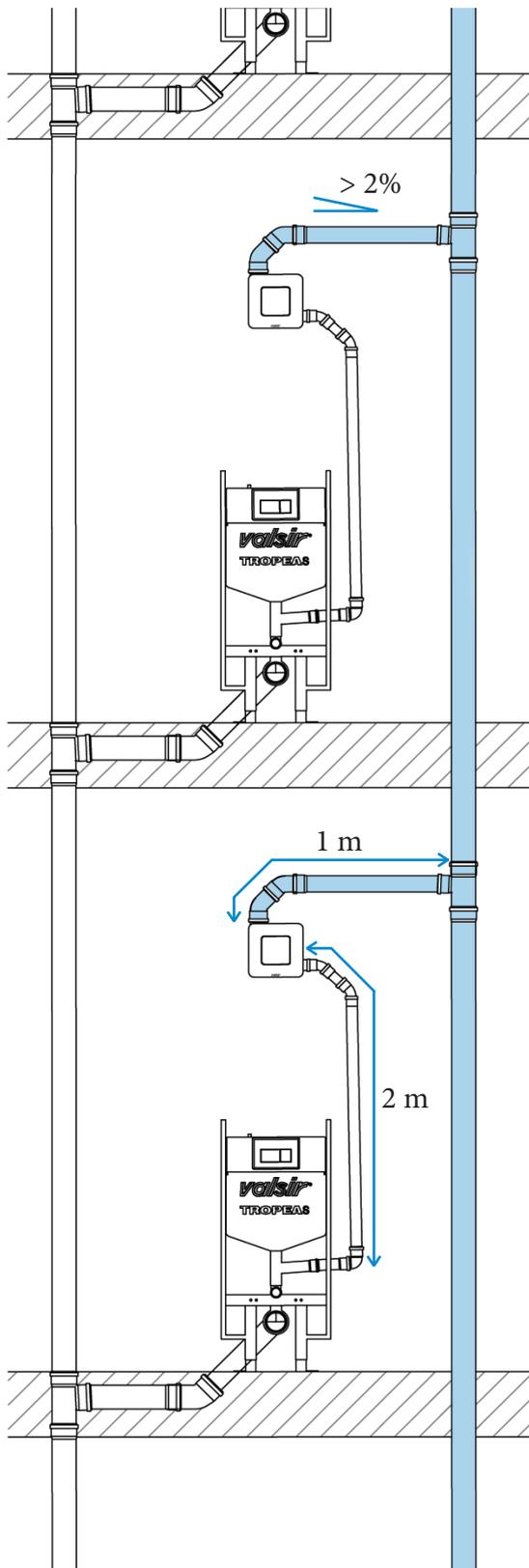
## Electric wiring.



**!** THE ELECTRICAL WIRING MUST BE CARRIED OUT ONLY BY HIGHLY QUALIFIED PERSONNEL



## Sizing of the dedicated ventilation stack of ARIAPUR100Led



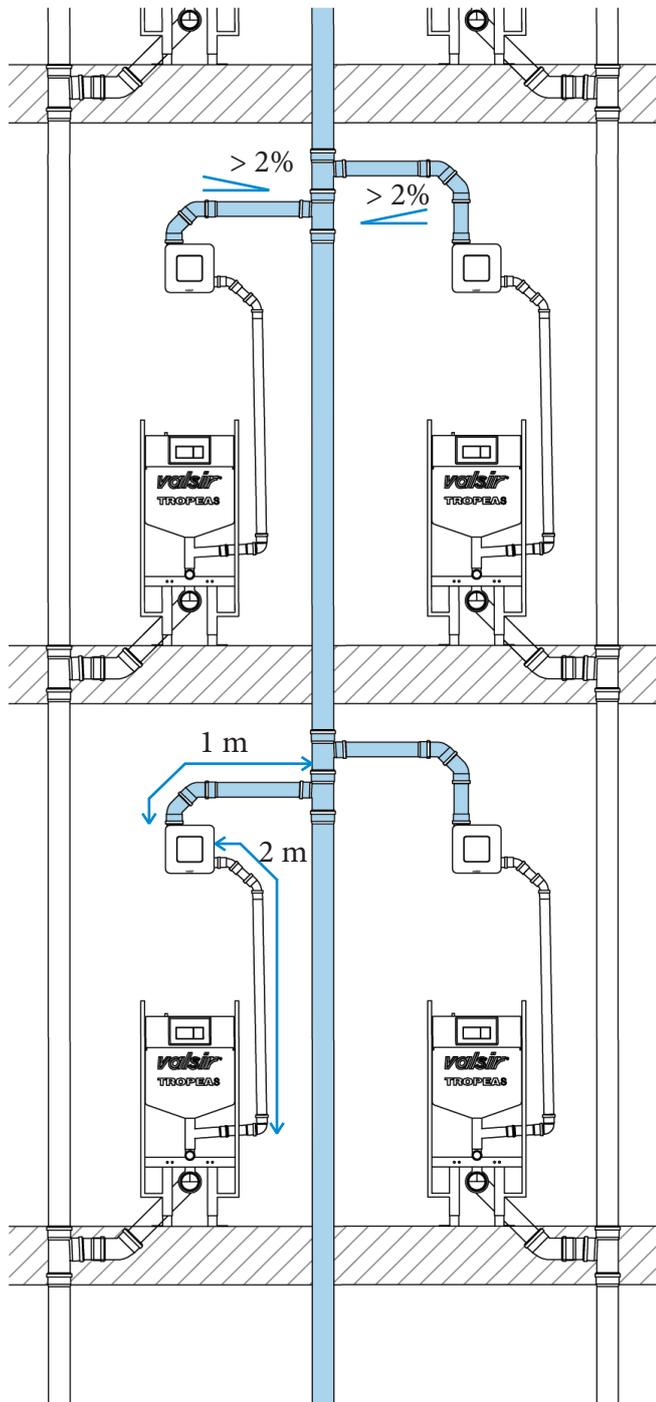
### Configuration with 1 Ariapur100Led for each floor \*

Number of floors	Ariapur ventilation stack diameter [mm]
<b>1</b>	75
<b>2</b>	75
<b>3</b>	75
<b>4</b>	90
<b>5</b>	90
<b>6</b>	110
<b>7</b>	110
<b>8</b>	125
<b>9</b>	160
<b>10</b>	160
<b>11</b>	160
<b>12</b>	160
<b>13</b>	200
<b>14</b>	200
<b>15</b>	200
<b>16</b>	200
<b>17</b>	200
<b>18</b>	200
<b>19</b>	200
<b>20</b>	250
<b>21</b>	250
<b>22</b>	250
<b>23</b>	250
<b>24</b>	250
<b>25</b>	250
<b>26</b>	250
<b>from 27 to 38</b>	315
<b>from 39 to 56</b>	400
<b>from 57 to 76</b>	500

\*\* The diameter of the connection branch between Ariapur100Led and column is D= 75 mm, nr 2 45° bends and the branch of connection to the stack are considered in the connection. The admissible flow rate of the most disadvantaged device is 75 m<sup>3</sup>/h and the air speed limit in the system is 10 m/s. The characteristics of pressure drop of the pipes are referred to the Valsir waste systems.

## Sizing of the dedicated ventilation stack of ARIAPUR100Led

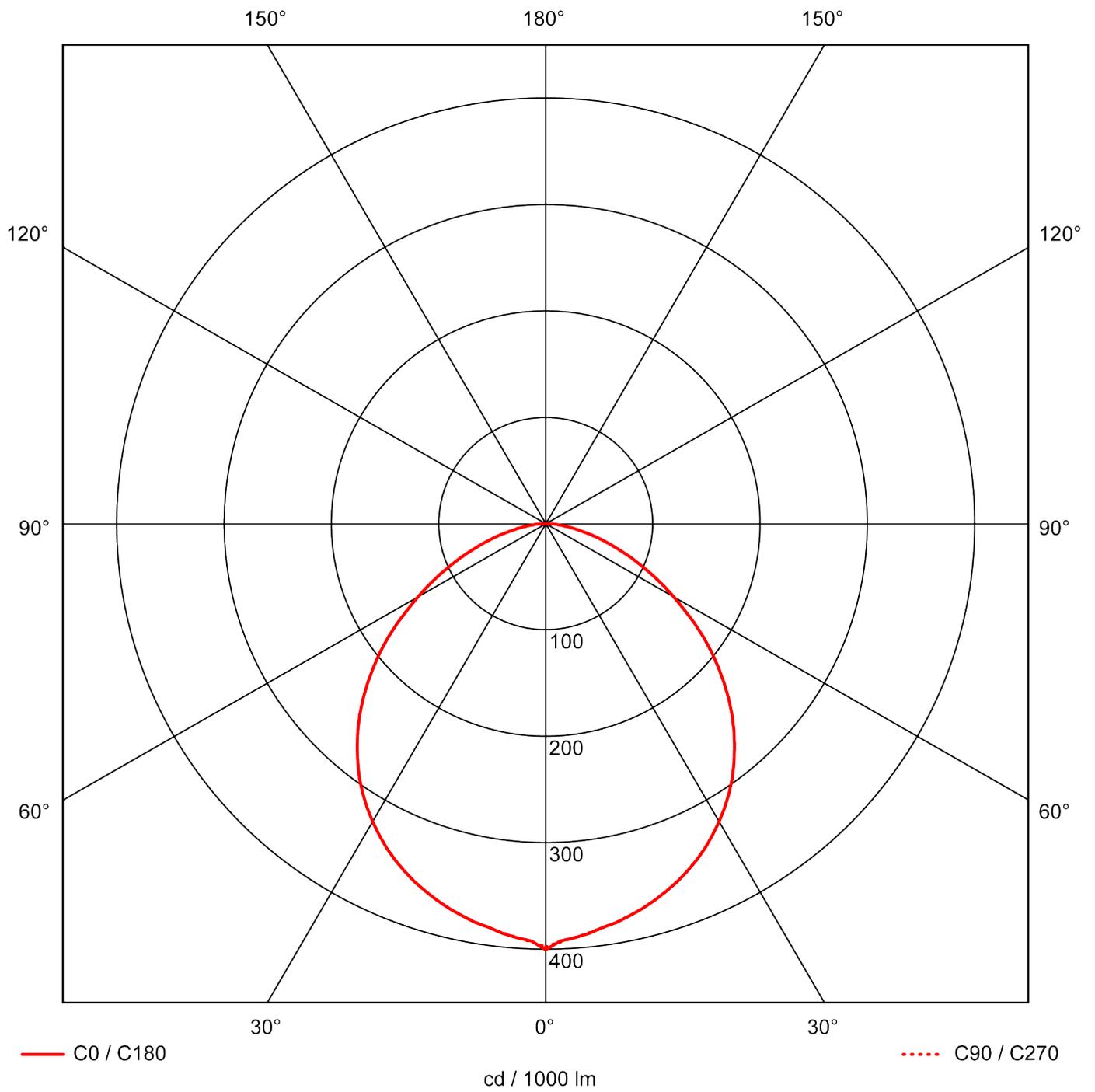
### Configuration with 2 Ariapur100Led for each floor \*\*



Number of floors	Ariapur ventilation stack diameter [mm]
1	90
2	90
3	110
4	110
5	125
6	160
7	160
8	160
9	200
10	200
11	200
12	250
13	250
14	250
15	250
16	250
17	315
18	315
19	315
20	315
21	315
22	315
23	315
24	315
<b>from 25 to 35</b>	400
<b>from 36 to 48</b>	500

\*\* The diameter of the connection branch between Ariapur100Led and column is D= 75 mm, nr 2 45° bends and the branch of connection to the stack are considered in the connection. The admissible flow rate of the most disadvantaged device is 75 m<sup>3</sup>/h and the air speed limit in the system is 10 m/s. The characteristics of pressure drop of the pipes are referred to the Valsir waste systems.

# Lighting diagram



# PLUMBING

WASTE SYSTEMS



SUPPLY SYSTEMS



GAS SYSTEMS



FLUSH SYSTEMS



BATHROOM SYSTEMS



TRAPS



RADIANT SYSTEMS



DRAINAGE SYSTEMS



HRV SYSTEM



ACADEMY



SEWER SYSTEMS



WATER TREATMENT



# BUILDING

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QUALITY FOR PLUMBING

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