



# Car Wash Steam System with LPG as fuel

# Advantages

## Traditional System vs *Ultragaz Car Wash Steam System*

Water consumption



Chemicals



Manpower



Operational costs



High pressure water wash



Car Wash Steam System







# Car Wash Steam System

## Advantages



**Saving 90%  
water**



**Elimination  
of chemicals**



**Elimination  
of treatment  
system and  
water reuse**



**Reduction of  
operating  
costs**



**Best  
quality  
cleaning**



# External cleaning



Removal of  
surface dirt  
and grease



Doesn't  
damage the  
paint



Instant dry





# Internal cleaning



Elimination of  
bad odor, mites,  
bacteria, germs  
and mold



Doesn't damage  
internal Fabrics  
or plastic parts



Instant dry



# Engine washing



Can be applied  
directly on a  
Hot engine



Doesn't  
damage  
Electric parts



Instant dry





# Technical Features

## Instant Steam Generator



**ULTRAPRONTO**



**CAR WASH  
STEAM SYSTEM**

Work pressure	5 kgf/cm <sup>2</sup>
Work temperature	150 °C
Steam production	50 kg/h
Burner Potency	65.000 kcal/h
LPG Consumption (máx)	4,5 kg/h
LPG Consumption (per car washed)	0,8 kg



# Market potential



<b>Ipiranga gas stations</b>	<b>7.000</b>
<b>Volume consumed (ton/month/customer)</b>	<b>0,3</b>
<b>Total volume potential (ton/year)</b>	<b>25.000</b>
<b>Potencial Annual Income (US\$ million)</b>	<b>33</b>



# Operating gains



**Saving  
45%  
in total  
costs**

**Can  
improve  
profits  
adding value  
in the service**

**Reduction  
in 20% the  
washing time**

**Improve  
the quality  
of cleaning**

# Differentials



## Unexplored Market

Huge potential for the use of LPG



## Multibusiness

Leveraging results through the synergy among companies



## Environmental Benefits

Reduce water loss and use of chemicals products



## Innovation and Technology

Innovation as a competitive advantage



# Thank you!

**Gustavo Luiz Teixeira Silva**

Development Manager

[gustavo.silva@ultragaz.com.br](mailto:gustavo.silva@ultragaz.com.br)

**Cia Ultragaz S.A.**

Brazil

