HOTEL INDUSTRY

Macau Casino Hotel Success Story Cotai, Macau

*Hydro*FLOW® P100 successfully controlled scale in electrical calorifiers at a Forbes Five-Star Macau casino hotel, leading to site-wide deployment and expansion across the hotel group.

11x	4 Yrs	↓	2026
P100 Units Installed	Proven Performance	Scale Reduced	Further Rollout Planned

⇄ BEFORE & AFTER

BEFORE

- Scale buildup affected electrical calorifiers
- Ongoing scale concerns across the hotel

AFTER

- ✓ Scale reduced in protected calorifiers
- ✓ Full hotel rollout approved

BEFORE

Calorifier before treatment

AFTER

Calorifier after treatment

OVERVIEW

A Forbes Five-Star casino hotel in Cotai, Macau experienced scale problems in its electrical calorifiers. Following a successful *Hydro*FLOW® P100 trial in 2021, the customer expanded protection across the flagship hotel and approved rollout to additional properties.

CHALLENGE

Scale buildup in electrical calorifiers affected a major luxury hotel and required a proven long-term solution.

- Scale affected the electrical calorifier system
- Customer needed proven results before expansion

SOLUTION

11 x *Hydro*FLOW® P100 was trialled in 2021 to treat scale in electrical calorifiers. Following successful results, the customer expanded *Hydro*FLOW® protection across the flagship hotel in Jan 2025.

RESULTS

Scale Controlled
Electrical calorifiers protected with *Hydro*FLOW®

Trial Successfully Verified
Customer confirmed performance during trial

Hotel-Wide Rollout
*Hydro*FLOW® expanded across the flagship hotel

Large Hotel Application
The system supports a flagship property with 1,500 rooms.

Five-Star Site
The application was in one of Macau's largest Forbes Five-Star hotels.

Future Deployment
Further deployment to other hotels is planned for 2026.

KEY TAKEAWAY

Summary

A Forbes Five-Star casino hotel in Macau experienced scale problems in its electrical calorifiers. Following a successful *Hydro*FLOW® P100 trial in 2021, protection was expanded across the flagship hotel with 11 units installed. Additional deployment across other hotels is planned for 2026.

11x	4 Yrs	↓
P100 UNITS INSTALLED	PROVEN PERFORMANCE	SCALE REDUCED

HYDROPATH

Ready to reduce hotel scale problems?

Contact Hydropath to discuss scale treatment for hotel hot water systems.

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