$$\boxed{d = 9}$$

$$\Psi_{\mathbb{Q}}(9) \supseteq \{(6), (7), (9), (12), (14), (18), (19), (21), (26), (27), (28), (36), (42), (2,6), (2,14), (2,18)\}$$

G	$\Psi_{\mathbb{Q}}(9, G) \setminus \{G\} \supseteq$
$()$	$\{(6), (7), (9), (12), (14), (19), (21), (26), (28), (2,6), (2,14)\}$
(2)	$\{\}$
(3)	$\{(9), (18), (27), (42), (2,18)\}$
(4)	$\{\}$
(5)	$\{\}$
(6)	$\{(18)\}$
(7)	$\{\}$
(8)	$\{\}$
(9)	$\{(27)\}$
(10)	$\{\}$
(12)	$\{(36)\}$
$(2,2)$	$\{\}$
$(2,4)$	$\{\}$
$(2,6)$	$\{(2,18)\}$
$(2,8)$	$\{\}$

$hpsi_{\mathbb{Q}}(9) = 3$

Number of configurations: 20

Maximun conductor to obtain all the configurations: 338

1

2

G	$\mathcal{H}_{\mathbb{Q}}(9, E)$	Label
()	$(2, 6)$	196b2
()	$(2, 14)$	3969a1
()	(6)	19a2
()	(7)	2450ba1
()	(12)	162d2
()	(14)	294a1
()	(19)	361a1
()	(26)	147b1
()	(28)	338b1
()	$(6), (9)$	54b2
()	$(6), (14), (21)$	162b2
(3)	$(2, 18)$	196b1
(3)	(9)	19a1
(3)	(18)	19a3
(3)	$(9), (42)$	162b1
(3)	$(18), (27)$	27a4
(6)	(18)	14a1
(9)	(27)	54b3
(12)	(36)	90c3
$(2, 6)$	$(2, 18)$	30a2