

LEHAVOT WCK restaurant system nozzle application chart

Appliance	Nozzle P/N	Flow Points	Width (cm)	Length (cm)	Min. Height (cm)	Max. Height (cm)
Deep Fat Fryer – without Drain board	93429	2	46 (18")	48 (19")	80 (31.5")	120 (47")
Deep Fat Fryer – with Drain board	93429	2	46 (18")	71 (28")	80 (31.5")	120 (47")
Deep Fat Fryer, Split – without Drain board	93429	2	35.6 (14")	35.6 (14")	80 (31.5")	120 (47")
Deep Fat Fryer , Split – with Drain board	93429	2	35.6 (14")	62 (24.5")	80 (31.5")	120 (47")
Range – Single burner	93484	0.5	35 (13.8")	40 (15.7")	70 (27.5")	100 (39.4")
Range – Two burner	93482	1	35 (13.8")	80 (31.5")	80 (31.5")	120 (47")
Range – Four burner	93483	1.5	70 (27.5")	80 (31.5")	70 (27.5")	100 (39.4")
Wok	93482	1	31-60 dia. (12"-23.5")	9.5-17 depth (3.5"-7")	90 (35.5")	120 (47")
Griddle (overhead nozzle only)	93482	1	76 (30")	91 (36")	80 (31.5")	120 (47")
Griddle	93483	1.5	76 (30")	91 (36")	80 (31.5")	120 (47")
Griddle	93478	2	76 (30")	122 (48")	100 (39.4")	120 (47")
Upright Broiler	93484 x 2	1	40 (15.7")	60 (23.5")	-	-
Salamander	93484 x 2	1	37 (14.5")	65 (25.6")	-	-
Chain broiler	93484 x 2	1	63 (24.8")	92 (36.2")	-	-
Char broiler – Gas radiant	93482	1	61 (24")	61 (24")	60 (23.5")	120 (47")
Char broiler – Lava rocks	93483	1.5	61 (24")	61 (24")	60 (23.5")	120 (47")
Char broiler – Pumice rocks	93483	1.5	61 (24")	61 (24")	60 (23.5")	120 (47")
Char broiler – Synthetic rocks	93483	1.5	61 (24")	61 (24")	60 (23.5")	120 (47")
Char broiler – Natural charcoal	93483	1.5	61 (24")	72 (28.3")	60 (23.5")	120 (47")
Char broiler – charcoal briquettes	93483	1.5	61 (24")	72 (28.3")	60 (23.5")	120 (47")
Char broiler – Natural wood	93483	1.5	61 (24")	72 (28.3")	60 (23.5")	120 (47")
<b>Plenum</b>	<b>Nozzle P/N</b>	<b>Flow Points</b>	<b>Width (cm)</b>	<b>Length (CM)</b>		
Single Bank / V-Bank	93482	1	120 (47")	300 (120")		
<b>Duct</b>	<b>Nozzle P/N</b>	<b>Flow Points</b>	<b>Max Perimeter (cm)</b>	<b>Diameter (cm)</b>	<b>Length (cm)</b>	<b>Max. Diagonal (cm) per Nozzle</b>
Rectangular	93416	1	124 (50")	-	Unlimited	46 (18")
Circular	93416	1	-	40 (15.7")	Unlimited	-
Rectangular	93416 x 2	2	190 (75")	-	Unlimited	46 (18")
Circular	93416 2	2	-	60 (24")	Unlimited	-
Rectangular	93483 x 2	3	254 (100")	-	610 (20')	70 (28")
Circular	93483 x 2	3	-	81 (32")	610 (20')	-

Protection is not limited to the items listed on this chart. Modulating larger appliances are an acceptable practice.  
See your LEHAVOT WCK Manual for additional information.

## Pipe and fittings leading from cylinder to first "T"

Cylinder type	Pipe diameter	Maximum equivalent length of piping (m)	Minimum equivalent length of piping (m)	Maximum vertical rise above the cylinder (m)
WCK 6	3/8"	9 (29.5')	2.6 (8.5')	3 (10')
WCK 9	3/8"	9 (29.5')	2.6 (8.5')	3 (10')
WCK 16	3/8"	12 (39.4')	3.2 (10.5')	3 (10')
WCK 20	1/2"	12 (39.4')	4.9 (16')	3 (10')
WCK 26	1/2"	12 (39.4')	4.9 (16')	3 (10')
WCK 16 + 6	1/2"	12 (39.4')	3.2 (10.5')	3 (10')
WCK 16 + 9	1/2"	12 (39.4')	3.2 (10.5')	3 (10')
2 x WCK 16	1/2"	12 (39.4')	3.2 (10.5')	3 (10')

### The total of all piping and fittings leading from the first "T" to all nozzles

Cylinder type	Pipe diameter	Maximum No' of flow points	Maximum equivalent length of piping (m)	Minimum equivalent length of piping (m)	Maximum vertical rise above the cylinder (m)
WCK 6	3/8"	5	9.5 (31')	7.5 (24.6')	1 (3.2')
WCK 9	3/8"	7	11 (36')	7.5 (24.6')	1 (3.2')
WCK 16	3/8"	12	30 (98.5')	11 (36')	1 (3.2')
WCK 20	3/8"	16	35 (115')	15 (49.2')	1 (3.2')
WCK 26	3/8"	20	35 (115')	15 (49.2')	1 (3.2')
WCK 16 + 6	3/8"	17	30 (98.5')	11 (36')	1 (3.2')
WCK 16 + 9	3/8"	19	35 (115')	15 (49.2')	1 (3.2')
2 x WCK 16	3/8"	24	40 (131.2')	15 (49.2')	1 (3.2')