



	Model	QOF-2	QOF-3	QOF-5	QOF-7.5	QOF-10	QOF-15	QOF-20	QOF-22	QOF-30
Nominal Power - Main Motor	kW	1	2	4	6	8	11	15	17	22
Nominal Power - Main Motor	HP	2	3	5	8	10	15	20	22	30
Rated Discharge Pressure	(psig)	102	102	102	102	102	102	102	102	102
Maximum Operating Pressure	(2) (psig)	116	116	116	116	116	116	116	116	116

Reference conditions		QOF-2	QOF-3	QOF-5	QOF-7.5	QOF-10	QOF-15	QOF-20	QOF-22	QOF-30
	psi abs	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
Relative humidity	%	0	0	0	0	0	0	0	0	0
Ambient temperature	°F	68	68	68	68	68	68	68	68	68
Nominal motor power	Hp	2	2.9	5	7.4	2 x 5	2 x 7.5	4 x 5	3 x 7.5	4 x 7.5
Motor shaft speed	rpm	1740	3520	3510	3515	3505	3505	3505	3505	3505
Minimum working pressure	psi	58	58	58	58	58	58	58	58	58
Min/Max ambient temperature	°F	32 / 104	32 / 104	32 / 104	32 / 104	32/104	32/104	32/104	32/104	32/104

Performance Data Standard Unit		QOF-2	QOF-3	QOF-5	QOF-7.5	QOF-10	QOF-15	QOF-20	QOF-22	QOF-30
Max working pressure (No Dryer)	(psig)	116	116	116	116	116	116	116	116	116
Capacity FAD (116PSI Version)	(1) cfm	6.1	8.9	14.0	20.8	28.4	43.0	55.1	64.8	86.0
Max working pressure (No Dryer)	(psig)	145	145	145	145	145	145	145	145	145
Capacity FAD (145PSI Version)	(1) cfm	4.0	7.2	12.5	14.0	23.9	31.8	47.9	49.8	62.9
Male Rotor Speed	rpm	2200	3175	3135	2900	3076.0	2900.0	3076.0	2900.0	2900.0
Drive motor efficiency	%	75.6	86.5	88.5	89.5	88.5	88.5	88.5	88.5	88.5
Noise level	dB(A)	52	56	58	59	63	63	63	64	65

Design Data Floor Mount		QOF-2	QOF-3	QOF-5	QOF-7.5	QOF-10	QOF-15	QOF-20	QOF-22	QOF-30
Dimensions (maximum)										
Length	inches	30	30	30	30	64.1	64.1	64.1	64.1	64.1
Width	inches	25.2	25.2	25.2	25.2	29.5	29.5	29.5	29.5	29.5
Height	inches	32.9	32.9	32.9	32.9	48.4	48.4	72.6	72.6	72.6
Net Weight - Air Cooled	lbs	265	276	293	346	820	922	1278	1263	1514
Air Discharge	Inches NPT	1/2"	1/2"	1/2"	1/2"	1"	1"	1"	1"	1"
Ventilation air delivery @ 68°F	cfm	297	657	530	657	1356	1356	1356	1356	1356

Design Data Floor Mount Dryer		QOF-2	QOF-3	QOF-5	QOF-7.5	QOF-10	QOF-15	QOF-20	QOF-22	QOF-30
Dimensions (maximum)										
Length	inches	39	39	39	39	64.1	64.1	64.1	64.1	64.1
Width	inches	25.2	25.2	25.2	25.2	29.5	29.5	29.5	29.5	29.5
Height	inches	32.9	32.9	32.9	32.9	48.4	48.4	72.6	72.6	72.6
Net Weight - Air Cooled	lbs	333	344	362	414	897	998	1344	1329	1580
Air Discharge	Inches NPT	1/2"	1/2"	1/2"	1/2"	1"	1"	1"	1"	1"
Dryer Manual Drain	Inches NPT	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Ventilation air delivery @ 68°F	cfm	297	657	530	657	1462	1462	1462	1462	1462

Design Data TM & TMD (272L)		QOF-2	QOF-3	QOF-5	QOF-7.5	QOF-10	QOF-15	QOF-20	QOF-22	QOF-30
Dimensions (maximum)										
Length	inches	44.1	44.1	44.1	44.1	-	-	-	-	-
Width	inches	25.2	25.2	25.2	25.2	-	-	-	-	-
Height	inches	57.2	57.2	57.2	57.2	-	-	-	-	-
Net Weight - Air Cooled TM	lbs	441	452	470	522	-	-	-	-	-
Net Weight - Air Cooled TMD	lbs	509	520	538	591	-	-	-	-	-
Air Discharge	Inches NPT	1/2"	1/2"	1/2"	1/2"	-	-	-	-	-
Ventilation air delivery @ 68°F	cfm	297	657	530	657	-	-	-	-	-

Electrical Data (No Dryer)		QOF-2	QOF-3	QOF-5	QOF-7.5	QOF-10	QOF-15	QOF-20	QOF-22	QOF-30
Overload Relay (Amps)	200/3/60	-	10.1	16.6	25.2	-	-	-	-	-
Overload Relay (Amps)	230/1/60	10.6	16.3	-	24.3	-	-	-	-	-
Overload Relay (Amps)	230/3/60	-	9.1	15.2	24	-	-	-	-	-
Overload Relay (Amps)	460/3/60	-	4.6	7.6	12	-	-	-	-	-

Electrical Data (No Dryer/Dryer)		QOF-2	QOF-3	QOF-5	QOF-7.5	QOF-10	QOF-15	QOF-20	QOF-22	QOF-30
Package Current (Amps)	230/3/60	-	-	-	-	28/31	44/60	55/62	66/73	88/94
Package Current (Amps)	460/3/60	-	-	-	-	14/20	22/30	28/31	33/37	44/48

Notes:

(1) FAD (Free Air Delivery) is full package performance including all losses. Tested in accordance with Annex C to ISO 1217

(2) Maximum pressure at package discharge, value at which compressor will stop when unit operating at maximum target pressure