



HIGH PRESSURE FILTER ENGINEERING DATA
 Dryer Models D890NCHP - D11280NCHP

Industrial Technologies
 Davidson, NC 28036

DATE: 12-Jun-18
 CANCELS: All Previous

ENGINEERING DATA

Dryer Model	D890NCHP	D1090NCHP	D1340NCHP	D2040NCHO	D2770NCHP
Filter CCN	23413859	23413867	23413867	23413875	23413875
Element CCN	23413941	23413958	23413958	23413966	23413966
Element Qty	1	1	1	1	1
Filter Type	Coalescing	Coalescing	Coalescing	Coalescing	Coalescing
Element Grade	Grade G	Grade G	Grade G	Grade G	Grade G
Micron Rating	1	1	1	1	1
Maximum oil carryover at 68°F	0.1 ppm	0.1 ppm	0.1 ppm	0.1 ppm	0.1 ppm
Pressure Drop (psig) (clean/dry)	1	1	1	1	1
Housing Type	Cast Aluminum	Cast Aluminum	Cast Aluminum	Cast Aluminum	Cast Aluminum
Inlet Capacity (scfm)*	633	974	974	1619	1619
Air In/Out Connections (inches)	1 1/2" NPT	2" NPT	2" NPT	2" NPT	2" NPT
Drain Connection (inches)	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT
MAWP (psig)	725	725	725	725	725
Maximum Temperature (°F)	248	248	248	248	248
Width (inches)	5.75	5.75	5.75	5.75	5.75
Height (inches)	21.00	21.00	21.00	25.00	25.00
Shipping Weight (lbs)	16.50	16.50	16.50	22.00	22.00

Dryer Model	D4290NCHP	D5635NCHP	D7055NCHP	D8585NCHP	D11280NCHP
Filter CCN	23413909	23413909	23413917	23413917	23413925
Element CCN	38446357	38446357	38446357	38446357	38446357
Element Qty	2	2	3	3	4
Filter Type	Coalescing	Coalescing	Coalescing	Coalescing	Coalescing
Element Grade	Grade G	Grade G	Grade G	Grade G	Grade G
Micron Rating	1	1	1	1	1
Maximum oil carryover at 68°F	0.1 ppm	0.1 ppm	0.1 ppm	0.1 ppm	0.1 ppm
Pressure Drop (psig) (clean/dry)	1	1	1	1	1
Housing Type	ASME Vessel	ASME Vessel	ASME Vessel	ASME Vessel	ASME Vessel
Inlet Capacity (scfm)*	3400	3400	5100	5100	6800
Air In/Out Connections (inches)	3" FLG	3" FLG	3" FLG	3" FLG	4" FLG
Drain Connection (inches)	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT
MAWP (psig)	750	750	750	750	750
Maximum Temperature (°F)	248	248	248	248	248
Width (inches)	19.00	19.00	19.00	19.00	23.00
Height (inches)	39.00	39.00	39.00	39.00	40.75
Shipping Weight (lbs)	265	265	268	268	430

All filters are shipped loose for field installation

***Capacity on all models is based on 580 psig.**