

## 1.5 HP (1.12 KW)

### *Low/Medium Output Flow Pumps*

Incorporating 48 different models and a wide choice of pressure outputs, this series of pumps is one of the most popular in the Haskel range.

Capable of pressures up to 45,000 psi (3,100 bar) and flow rates up to 5 GPM (19 L/min). These pumps can also be modified to operate from an air drive pressure as low as 3 psi (0.2 bar) enabling a much wider minimum/maximum operating range from each model.



By stacking air pistons in double or triple airheads, this pump range can be increased from 1.5 HP to 2.2 HP (See also: [2HP](#) and [2.2HP](#)). A noise reduction modification is available for applications where noise level is an important criteria. Mufflers are available on all pumps.

### *High Output Flow Pumps*

Available in a choice of 3 models, these high output, low ratio pumps are capable of pressures to 1200 psi (82 bar) and flow rates of up to 27 GPM (103 L/min).

These are "lift" pumps whereby the outlet pressure equals the air drive x the pump ratio plus the inlet pressure.

Model DSTV-1.5 has a maximum air drive of 100 psi (7 bar) and is capable of pressures up to 160 psi (11 bar). The model ATV and DTV- 4 work on a maximum air drive of 150 psi (10 bar) and have a maximum pressure rating of 1200 psi (83 bar). A noise reduction modification is available for applications where noise level is an important criteria.

## ✓Key Features

### *Low/Medium Output*

- Pressures to 45,000 psi
- Flow rates to 5 GPM (19 L/min)
- 48 models
- Modifications available for temperature extremes. Same as 1/3 HP Model

### *High Output*

- Pressures to 1200 psi
- Flow rates to 27 GPM (103 L/min)
- 3 models
- Modifications available for temperature extremes. Same as 1/3 HP Model

All models in this series include a 1/2" air drive inlet port and 1/2" exhaust.

### ✓Model

Model	Ratio Dash No.	Actual Area Ratio	Max rated output pressure				Displacement per Cycle	
			Continuous		Intermittent		Cu. In.	CC
			psi	bar	psi	bar		
DSTV (See note)	- 1.5	1.6	240	17	300	21	31.900	522.7
ATV, DTV	- 4	4.6	690	48	1200	83	20.000	327.7
AW,DF,ASF,DSF,DSTV	- B10	11.5	1600	110	1600	110	4.050	66.4
AW,DF,ASF,DSF,DSTV	- B15	17.0	2400	166	2400	166	2.700	44.2
AW,DF,ASF,DSF,DSTV	- 25	29.0	4000	276	4000	276	1.620	26.5
AW,DF,ASF,DSF,DSTV	- 35	40.0	5700	393	5700	393	1.160	19.0
AW,DF,ASF,DSF,DSTV	- 60	69.0	9800	676	9800	676	0.670	11.0
AW,DF,ASF,DSF,DSTV	- 100	115.0	15000	1034	16500	1138	0.410	6.7
AW,DF,ASF,DSF,DSTV	- 150	173.0	15000	1034	20000	1379	0.270	4.4
HF, DHF, HSF, DSHF	- 151	173.0	25000	1724	25000	1724	0.270	4.4
HF, DHF, HSF, DSHF	- 225	260.0	30000	2069	37000	2552	0.180	2.9
HF, DHF, HSF, DSHF	- 300	346.0	30000	2069	50000	3448	0.140	2.3
HF **	- 450	533.0	0	0	45000	3103	0.091	1.5

✚Optional modification available upon request